16.2.8 Listing of Individual Laboratory Measurements by Participant, When Required by Regulatory Authorities

Listing 16.2.8.1 Hematology Laboratory Test Results Safety Set

Listing 16.2.8.2 Coagulation Laboratory Test Results Safety Set

Listing 16.2.8.3 Chemistry Laboratory Test Results Safety Set

Listing 16.2.8.4 Subjects with Post-Baseline Abnormal Laboratory Test Results Safety Set

Listing 16.2.8.5 Pregnancy Test Results Safety Set

Listing 16.2.8.6 Other Laboratory Test Results Safety Set

Listing 16.2.9.1 Vital Sign Measurements Safety Set

Listing 16.2.9.2 Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher) Safety Set

Listing 16.2.10 Safety Phone Calls Safety Set

Listing 16.2.11 Safety Follow Up Diary Randomization Set

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011030	Basophils (10^9/L)	Screening	2020-05-27 10:18 (-6)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-27 10:18 (-6)	0.5		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-27 10:18 (-6)	0.08		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-27 10:18 (-6)	1.4		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-27 10:18 (-6)	4.40		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-27 10:18 (-6)	0.444		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-27 10:18 (-6)	139		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-27 10:18 (-6)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-27 10:18 (-6)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-27 10:18 (-6)	5.79		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-27 10:18 (-6)	2.40		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-27 10:18 (-6)	41.5		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011030	Monocytes (10^9/L)	Screening	2020-05-27 10:18 (-6)	0.34		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-27 10:18 (-6)	5.9		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-27 10:18 (-6)	2.93		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-27 10:18 (-6)	50.5		34 - 71
	Platelets (10^9/L)	Screening	2020-05-27 10:18 (-6)	240		163 - 375
US2011042	Basophils (10^9/L)	Screening	2020-05-27 13:19 (-12)	0.06		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-27 13:19 (-12)	0.7		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-27 13:19 (-12)	0.24		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-27 13:19 (-12)	2.9		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-27 13:19 (-12)	4.36		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-27 13:19 (-12)	0.442		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-27 13:19 (-12)	140		110 - 155

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011042	Immature Granulocytes (10^9/L)	Screening	2020-05-27 13:19 (-12)	0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-27 13:19 (-12)	0.4		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-27 13:19 (-12)	8.15		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-27 13:19 (-12)	2.08		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-27 13:19 (-12)	25.5		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-27 13:19 (-12)	0.44		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-27 13:19 (-12)	5.4		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-27 13:19 (-12)	5.30		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-27 13:19 (-12)	65.1		34 - 71
	Platelets (10^9/L)	Screening	2020-05-27 13:19 (-12)	311		163 - 375
US2011043	Basophils (10^9/L)	Screening	2020-05-27 14:55 (-5)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-27 14:55 (-5)	0.3		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011043	Eosinophils (10^9/L)	Screening	2020-05-27 14:55 (-5)	0.06		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-27 14:55 (-5)	1.0		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-27 14:55 (-5)	4.34		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-27 14:55 (-5)	0.417		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-27 14:55 (-5)	133		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-27 14:55 (-5)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-27 14:55 (-5)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-27 14:55 (-5)	6.23		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-27 14:55 (-5)	1.93		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-27 14:55 (-5)	31.0		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-27 14:55 (-5)	0.42		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-27 14:55 (-5)	6.7		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011043	Neutrophils (10^9/L)	Screening	2020-05-27 14:55 (-5)	3.79		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-27 14:55 (-5)	60.8		34 - 71
	Platelets (10^9/L)	Screening	2020-05-27 14:55 (-5)	270		163 - 375
US2011056	Basophils (10^9/L)	Screening	2020-05-28 08:27 (-5)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-28 08:27 (-5)	0.6		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-28 08:27 (-5)	0.06		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-28 08:27 (-5)	0.9		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-28 08:27 (-5)	5.82		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-05-28 08:27 (-5)	0.527 (H)		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-05-28 08:27 (-5)	175 (H)		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-05-28 08:27 (-5)	0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-28 08:27 (-5)	0.5		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011056	Leukocytes (10^9/L)	Screening	2020-05-28 08:27 (-5)	6.51		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-28 08:27 (-5)	1.88		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-28 08:27 (-5)	28.9		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-28 08:27 (-5)	0.61		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-28 08:27 (-5)	9.4		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-28 08:27 (-5)	3.89		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-28 08:27 (-5)	59.7		34 - 71
	Platelets (10^9/L)	Screening	2020-05-28 08:27 (-5)	224		163 - 375
US2011057	Basophils (10^9/L)	Screening	2020-05-28 08:50 (-5)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-28 08:50 (-5)	0.6		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-28 08:50 (-5)	0.05		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-28 08:50 (-5)	0.8		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011057	Erythrocytes (10^12/L)	Screening	2020-05-28 08:50 (-5)	5.42		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-05-28 08:50 (-5)	0.520 (H)		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-05-28 08:50 (-5)	163		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-05-28 08:50 (-5)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-28 08:50 (-5)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-28 08:50 (-5)	6.16		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-28 08:50 (-5)	1.35		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-28 08:50 (-5)	21.9		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-28 08:50 (-5)	0.53		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-28 08:50 (-5)	8.6		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-28 08:50 (-5)	4.18		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-28 08:50 (-5)	67.9		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011057	Platelets (10^9/L)	Screening	2020-05-28 08:50 (-5)	245		163 - 375
US2011060	Basophils (10^9/L)	Screening	2020-05-28 10:19 (-5)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-28 10:19 (-5)	0.8		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-28 10:19 (-5)	0.14		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-28 10:19 (-5)	2.8		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-28 10:19 (-5)	4.22		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-28 10:19 (-5)	0.411		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-28 10:19 (-5)	124		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-28 10:19 (-5)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-28 10:19 (-5)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-28 10:19 (-5)	5.04		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-28 10:19 (-5)	1.61		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011060	Lymphocytes/Leukocytes (%)	Screening	2020-05-28 10:19 (-5)	31.9		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-28 10:19 (-5)	0.50		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-28 10:19 (-5)	9.9		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-28 10:19 (-5)	2.74		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-28 10:19 (-5)	54.4		34 - 71
	Platelets (10^9/L)	Screening	2020-05-28 10:19 (-5)	234		163 - 375
US2011064	Basophils (10^9/L)	Screening	2020-05-28 12:03 (-5)	0.05		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-28 12:03 (-5)	0.6		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-28 12:03 (-5)	0.06		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-28 12:03 (-5)	0.7		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-28 12:03 (-5)	4.63		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-28 12:03 (-5)	0.439		0.33 - 0.47

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011064	Hemoglobin (g/L)	Screening	2020-05-28 12:03 (-5)	138		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-28 12:03 (-5)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-28 12:03 (-5)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-28 12:03 (-5)	8.08		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-28 12:03 (-5)	2.34		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-28 12:03 (-5)	29.0		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-28 12:03 (-5)	0.48		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-28 12:03 (-5)	5.9		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-28 12:03 (-5)	5.13		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-28 12:03 (-5)	63.6		34 - 71
	Platelets (10^9/L)	Screening	2020-05-28 12:03 (-5)	240		163 - 375
US2011067	Basophils (10^9/L)	Screening	2020-05-28 13:36 (-6)	0.07		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011067	Basophils (10^9/L)	Unscheduled	2020-06-15 (13)	0.11		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-28 13:36 (-6)	1.0		0 - 3
		Unscheduled	2020-06-15 (13)	1.4		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-28 13:36 (-6)	0.15		0 - 0.8
		Unscheduled	2020-06-15 (13)	0.30		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-28 13:36 (-6)	2.1		0 - 7
		Unscheduled	2020-06-15 (13)	3.8		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-28 13:36 (-6)	4.10		3.7 - 5.2
		Unscheduled	2020-06-15 (13)	4.59		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-28 13:36 (-6)	0.400		0.33 - 0.47
		Unscheduled	2020-06-15 (13)	0.469		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-28 13:36 (-6)	124		110 - 155
		Unscheduled	2020-06-15 (13)	137		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-28 13:36 (-6)	0.09 (H)		0 - 0.07
		Unscheduled	2020-06-15 (13)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-28 13:36 (-6)	1.3 (H)		0 - 1
		Unscheduled	2020-06-15 (13)	0.1		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011067	Leukocytes (10^9/L)	Screening	2020-05-28 13:36 (-6)	7.09		3.7 - 11
		Unscheduled	2020-06-15 (13)	7.99		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-28 13:36 (-6)	2.32		0.9 - 3.6
		Unscheduled	2020-06-15 (13)	2.44		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-28 13:36 (-6)	32.7		12 - 46
		Unscheduled	2020-06-15 (13)	30.5		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-28 13:36 (-6)	0.40		0 - 1.2
		Unscheduled	2020-06-15 (13)	0.46		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-28 13:36 (-6)	5.6		0 - 11
		Unscheduled	2020-06-15 (13)	5.8		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-28 13:36 (-6)	4.06		1.7 - 7.9
		Unscheduled	2020-06-15 (13)	4.67		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-28 13:36 (-6)	57.3		34 - 71
		Unscheduled	2020-06-15 (13)	58.4		34 - 71
	Platelets (10^9/L)	Screening	2020-05-28 13:36 (-6)	151 (L)		163 - 375
		Unscheduled	2020-06-15 (13)	277		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011068	Basophils (10^9/L)	Screening	2020-05-28 13:16 (-5)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-28 13:16 (-5)	0.6		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-28 13:16 (-5)	0.16		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-28 13:16 (-5)	3.4		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-28 13:16 (-5)	5.06		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-05-28 13:16 (-5)	0.507		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-05-28 13:16 (-5)	162		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-05-28 13:16 (-5)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-28 13:16 (-5)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-28 13:16 (-5)	4.64		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-28 13:16 (-5)	1.47		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-28 13:16 (-5)	31.7		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011068	Monocytes (10^9/L)	Screening	2020-05-28 13:16 (-5)	0.46		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-28 13:16 (-5)	9.9		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-28 13:16 (-5)	2.51		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-28 13:16 (-5)	54.2		34 - 71
	Platelets (10^9/L)	Screening	2020-05-28 13:16 (-5)	220		163 - 375
US2011069	Basophils (10^9/L)	Screening	2020-05-28 14:31 (-5)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-28 14:31 (-5)	0.6		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-28 14:31 (-5)	0.11		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-28 14:31 (-5)	2.2		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-28 14:31 (-5)	4.79		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-28 14:31 (-5)	0.442		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-28 14:31 (-5)	140		110 - 155

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011069	Immature Granulocytes (10^9/L)	Screening	2020-05-28 14:31 (-5)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-28 14:31 (-5)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-28 14:31 (-5)	5.02		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-28 14:31 (-5)	1.40		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-28 14:31 (-5)	27.9		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-28 14:31 (-5)	0.37		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-28 14:31 (-5)	7.4		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-28 14:31 (-5)	3.10		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-28 14:31 (-5)	61.7		34 - 71
	Platelets (10^9/L)	Screening	2020-05-28 14:31 (-5)	218		163 - 375
US2011070	Basophils (10^9/L)	Screening	2020-05-28 14:20 (-8)	0.06		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-28 14:20 (-8)	0.6		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011070	Eosinophils (10^9/L)	Screening	2020-05-28 14:20 (-8)	0.09		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-28 14:20 (-8)	1.0		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-28 14:20 (-8)	4.34		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-28 14:20 (-8)	0.409		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-28 14:20 (-8)	124		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-28 14:20 (-8)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-28 14:20 (-8)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-28 14:20 (-8)	9.47		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-28 14:20 (-8)	2.47		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-28 14:20 (-8)	26.1		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-28 14:20 (-8)	0.51		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-28 14:20 (-8)	5.4		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011070	Neutrophils (10^9/L)	Screening	2020-05-28 14:20 (-8)	6.32		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-28 14:20 (-8)	66.7		34 - 71
	Platelets (10^9/L)	Screening	2020-05-28 14:20 (-8)	397 (H)		163 - 375
US2011086	Basophils (10^9/L)	Screening	2020-05-29 17:09 (-4)	0.07		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-29 17:09 (-4)	0.8		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-29 17:09 (-4)	0.53		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-29 17:09 (-4)	6.3		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-29 17:09 (-4)	4.85		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-05-29 17:09 (-4)	0.442		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-05-29 17:09 (-4)	148		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-05-29 17:09 (-4)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-29 17:09 (-4)	0.2		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011086	Leukocytes (10^9/L)	Screening	2020-05-29 17:09 (-4)	8.48		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-29 17:09 (-4)	2.68		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-29 17:09 (-4)	31.6		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-29 17:09 (-4)	0.68		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-29 17:09 (-4)	8.0		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-29 17:09 (-4)	4.50		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-29 17:09 (-4)	53.1		34 - 71
	Platelets (10^9/L)	Screening	2020-05-29 17:09 (-4)	291		163 - 375
US2011088	Basophils (10^9/L)	Screening	2020-06-01 09:35 (-3)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-01 09:35 (-3)	0.4		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-01 09:35 (-3)	0.07		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-01 09:35 (-3)	1.5		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011088	Erythrocytes (10^12/L)	Screening	2020-06-01 09:35 (-3)	4.61 (L)		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-01 09:35 (-3)	0.443		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-01 09:35 (-3)	144		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-01 09:35 (-3)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-01 09:35 (-3)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-01 09:35 (-3)	4.72		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-01 09:35 (-3)	1.47		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-01 09:35 (-3)	31.1		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-01 09:35 (-3)	0.37		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-01 09:35 (-3)	7.8		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-01 09:35 (-3)	2.78		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-01 09:35 (-3)	59.0		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011088	Platelets (10^9/L)	Screening	2020-06-01 09:35 (-3)	195		163 - 375
US2021061	Basophils (10^9/L)	Screening	2020-05-27 15:15 (-6)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-27 15:15 (-6)	0.4		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-27 15:15 (-6)	0.11		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-27 15:15 (-6)	1.5		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-27 15:15 (-6)	5.56		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-05-27 15:15 (-6)	0.485		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-05-27 15:15 (-6)	147		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-05-27 15:15 (-6)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-27 15:15 (-6)	0.1		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-27 15:15 (-6)	7.37		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-27 15:15 (-6)	2.94		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021061	Lymphocytes/Leukocytes (%)	Screening	2020-05-27 15:15 (-6)	39.9		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-27 15:15 (-6)	0.52		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-27 15:15 (-6)	7.1		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-27 15:15 (-6)	3.76		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-27 15:15 (-6)	51.0		34 - 71
	Platelets (10^9/L)	Screening	2020-05-27 15:15 (-6)	226		163 - 375
US2021062	Basophils (10^9/L)	Screening	2020-05-27 15:10 (-8)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-27 15:10 (-8)	0.7		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-27 15:10 (-8)	0.15		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-27 15:10 (-8)	2.6		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-27 15:10 (-8)	4.97		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-05-27 15:10 (-8)	0.478		0.37 - 0.51

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021062	Hemoglobin (g/L)	Screening	2020-05-27 15:10 (-8)	154		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-05-27 15:10 (-8)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-27 15:10 (-8)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-27 15:10 (-8)	5.88		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-27 15:10 (-8)	1.68		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-27 15:10 (-8)	28.6		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-27 15:10 (-8)	0.60		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-27 15:10 (-8)	10.2		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-27 15:10 (-8)	3.40		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-27 15:10 (-8)	57.7		34 - 71
	Platelets (10^9/L)	Screening	2020-05-27 15:10 (-8)	225		163 - 375
US2021073	Basophils (10^9/L)	Screening	2020-05-28 09:50 (-5)	0.06		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021073	Basophils/Leukocytes (%)	Screening	2020-05-28 09:50 (-5)	1.1		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-28 09:50 (-5)	0.12		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-28 09:50 (-5)	2.3		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-28 09:50 (-5)	4.61		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-28 09:50 (-5)	0.479 (H)		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-28 09:50 (-5)	148		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-28 09:50 (-5)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-28 09:50 (-5)	0.4		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-28 09:50 (-5)	5.29		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-28 09:50 (-5)	1.51		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-28 09:50 (-5)	28.5		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-28 09:50 (-5)	0.50		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021073	Monocytes/Leukocytes (%)	Screening	2020-05-28 09:50 (-5)	9.5		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-28 09:50 (-5)	3.08		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-28 09:50 (-5)	58.2		34 - 71
	Platelets (10^9/L)	Screening	2020-05-28 09:50 (-5)	266		163 - 375
US2021078	Basophils (10^9/L)	Screening	2020-05-28 10:30 (-6)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-28 10:30 (-6)	0.6		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-28 10:30 (-6)	0.14		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-28 10:30 (-6)	2.2		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-28 10:30 (-6)	5.21		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-05-28 10:30 (-6)	0.499		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-05-28 10:30 (-6)	151		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-05-28 10:30 (-6)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021078	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-28 10:30 (-6)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-28 10:30 (-6)	6.42		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-28 10:30 (-6)	1.36		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-28 10:30 (-6)	21.2		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-28 10:30 (-6)	0.55		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-28 10:30 (-6)	8.6		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-28 10:30 (-6)	4.32		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-28 10:30 (-6)	67.2		34 - 71
	Platelets (10^9/L)	Screening	2020-05-28 10:30 (-6)	257		163 - 375
US2021082	Basophils (10^9/L)	Screening	2020-05-28 12:39 (-6)	0.07		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-28 12:39 (-6)	0.7		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-28 12:39 (-6)	0.17		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021082	Eosinophils/Leukocytes (%)	Screening	2020-05-28 12:39 (-6)	1.7		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-28 12:39 (-6)	5.21		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-05-28 12:39 (-6)	0.539 (H)		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-05-28 12:39 (-6)	162		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-05-28 12:39 (-6)	0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-28 12:39 (-6)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-28 12:39 (-6)	10.17		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-28 12:39 (-6)	1.92		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-28 12:39 (-6)	18.9		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-28 12:39 (-6)	0.60		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-28 12:39 (-6)	5.9		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-28 12:39 (-6)	7.38		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021082	Neutrophils/Leukocytes (%)	Screening	2020-05-28 12:39 (-6)	72.5 (H)		34 - 71
	Platelets (10^9/L)	Screening	2020-05-28 12:39 (-6)	288		163 - 375
US2021089	Basophils (10^9/L)	Screening	2020-05-28 12:56 (-11)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-28 12:56 (-11)	0.5		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-28 12:56 (-11)	0.08		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-28 12:56 (-11)	2.1		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-28 12:56 (-11)	4.51 (L)		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-05-28 12:56 (-11)	0.471		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-05-28 12:56 (-11)	145		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-05-28 12:56 (-11)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-28 12:56 (-11)	0.0		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-28 12:56 (-11)	3.78		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021089	Lymphocytes (10^9/L)	Screening	2020-05-28 12:56 (-11)	1.11		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-28 12:56 (-11)	29.4		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-28 12:56 (-11)	0.31		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-28 12:56 (-11)	8.2		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-28 12:56 (-11)	2.26		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-28 12:56 (-11)	59.8		34 - 71
	Platelets (10^9/L)	Screening	2020-05-28 12:56 (-11)	184		163 - 375
US2021094	Basophils (10^9/L)	Screening	2020-05-28 14:11 (-8)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-28 14:11 (-8)	0.3		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-28 14:11 (-8)	0.04		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-28 14:11 (-8)	0.6		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-28 14:11 (-8)	5.16		4.63 - 6.08

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021094	Hematocrit (L/L)	Screening	2020-05-28 14:11 (-8)	0.469		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-05-28 14:11 (-8)	146		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-05-28 14:11 (-8)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-28 14:11 (-8)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-28 14:11 (-8)	6.56		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-28 14:11 (-8)	1.33		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-28 14:11 (-8)	20.3		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-28 14:11 (-8)	0.46		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-28 14:11 (-8)	7.0		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-28 14:11 (-8)	4.69		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-28 14:11 (-8)	71.5 (H)		34 - 71
	Platelets (10^9/L)	Screening	2020-05-28 14:11 (-8)	275		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021096	Basophils (10^9/L)	Screening	2020-05-28 15:02 (-6)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-28 15:02 (-6)	0.7		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-28 15:02 (-6)	0.19		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-28 15:02 (-6)	3.2		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-28 15:02 (-6)	4.31		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-28 15:02 (-6)	0.418		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-28 15:02 (-6)	130		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-28 15:02 (-6)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-28 15:02 (-6)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-28 15:02 (-6)	6.03		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-28 15:02 (-6)	1.96		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-28 15:02 (-6)	32.5		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021096	Monocytes (10^9/L)	Screening	2020-05-28 15:02 (-6)	0.40		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-28 15:02 (-6)	6.6		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-28 15:02 (-6)	3.43		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-28 15:02 (-6)	56.8		34 - 71
	Platelets (10^9/L)	Screening	2020-05-28 15:02 (-6)	224		163 - 375
US2021107	Basophils (10^9/L)	Screening	2020-05-28 18:15 (-6)	0.07		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-28 18:15 (-6)	0.8		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-28 18:15 (-6)	0.23		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-28 18:15 (-6)	2.8		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-28 18:15 (-6)	4.38		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-28 18:15 (-6)	0.451		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-28 18:15 (-6)	130		110 - 155

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021107	Immature Granulocytes (10^9/L)	Screening	2020-05-28 18:15 (-6)	0.04		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-28 18:15 (-6)	0.5		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-28 18:15 (-6)	8.25		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-28 18:15 (-6)	2.29		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-28 18:15 (-6)	27.8		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-28 18:15 (-6)	0.84		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-28 18:15 (-6)	10.2		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-28 18:15 (-6)	4.78		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-28 18:15 (-6)	57.9		34 - 71
	Platelets (10^9/L)	Screening	2020-05-28 18:15 (-6)	297		163 - 375
US2021111	Basophils (10^9/L)	Unscheduled	2020-06-03 14:08 (-5)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Unscheduled	2020-06-03 14:08 (-5)	0.3		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021111	Eosinophils (10^9/L)	Unscheduled	2020-06-03 14:08 (-5)	0.14		0 - 0.8
	Eosinophils/Leukocytes (%)	Unscheduled	2020-06-03 14:08 (-5)	1.5		0 - 7
	Erythrocytes (10^12/L)	Unscheduled	2020-06-03 14:08 (-5)	4.52		3.7 - 5.2
	Hematocrit (L/L)	Unscheduled	2020-06-03 14:08 (-5)	0.423		0.33 - 0.47
	Hemoglobin (g/L)	Unscheduled	2020-06-03 14:08 (-5)	127		110 - 155
	Immature Granulocytes (10^9/L)	Unscheduled	2020-06-03 14:08 (-5)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Unscheduled	2020-06-03 14:08 (-5)	0.2		0 - 1
	Leukocytes (10^9/L)	Unscheduled	2020-06-03 14:08 (-5)	9.49		3.7 - 11
	Lymphocytes (10^9/L)	Unscheduled	2020-06-03 14:08 (-5)	3.49		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Unscheduled	2020-06-03 14:08 (-5)	36.8		12 - 46
	Monocytes (10^9/L)	Unscheduled	2020-06-03 14:08 (-5)	0.70		0 - 1.2
	Monocytes/Leukocytes (%)	Unscheduled	2020-06-03 14:08 (-5)	7.4		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021111	Neutrophils (10^9/L)	Unscheduled	2020-06-03 14:08 (-5)	5.11		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Unscheduled	2020-06-03 14:08 (-5)	53.8		34 - 71
	Platelets (10^9/L)	Unscheduled	2020-06-03 14:08 (-5)	326		163 - 375
US2021135	Basophils (10^9/L)	Screening	2020-06-01 15:44 (-4)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-01 15:44 (-4)	0.2		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-01 15:44 (-4)	0.11		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-01 15:44 (-4)	2.2		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-01 15:44 (-4)	4.69		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-01 15:44 (-4)	0.441		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-01 15:44 (-4)	137		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-01 15:44 (-4)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-01 15:44 (-4)	0.4		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021135	Leukocytes (10^9/L)	Screening	2020-06-01 15:44 (-4)	4.97		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-01 15:44 (-4)	1.57		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-01 15:44 (-4)	31.6		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-01 15:44 (-4)	0.41		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-01 15:44 (-4)	8.2		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-01 15:44 (-4)	2.85		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-01 15:44 (-4)	57.4		34 - 71
	Platelets (10^9/L)	Screening	2020-06-01 15:44 (-4)	261		163 - 375
US2021137	Basophils (10^9/L)	Screening	2020-06-01 16:14 (-7)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-01 16:14 (-7)	0.4		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-01 16:14 (-7)	0.04		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-01 16:14 (-7)	0.8		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021137	Erythrocytes (10^12/L)	Screening	2020-06-01 16:14 (-7)	4.99		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-01 16:14 (-7)	0.515 (H)		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-01 16:14 (-7)	161		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-01 16:14 (-7)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-01 16:14 (-7)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-01 16:14 (-7)	4.84		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-01 16:14 (-7)	1.30		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-01 16:14 (-7)	26.9		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-01 16:14 (-7)	0.62		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-01 16:14 (-7)	12.8 (H)		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-01 16:14 (-7)	2.85		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-01 16:14 (-7)	58.9		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021137	Platelets (10^9/L)	Screening	2020-06-01 16:14 (-7)	217		163 - 375
US2021138	Basophils (10^9/L)	Screening	2020-06-01 17:09 (-3)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-01 17:09 (-3)	0.6		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-01 17:09 (-3)	0.13		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-01 17:09 (-3)	2.5		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-01 17:09 (-3)	3.98		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-01 17:09 (-3)	0.388		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-01 17:09 (-3)	122		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-01 17:09 (-3)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-01 17:09 (-3)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-01 17:09 (-3)	5.24		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-01 17:09 (-3)	2.34		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021138	Lymphocytes/Leukocytes (%)	Screening	2020-06-01 17:09 (-3)	44.7		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-01 17:09 (-3)	0.60		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-01 17:09 (-3)	11.5 (H)		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-01 17:09 (-3)	2.13		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-01 17:09 (-3)	40.5		34 - 71
	Platelets (10^9/L)	Screening	2020-06-01 17:09 (-3)	299		163 - 375
US2021144	Basophils (10^9/L)	Screening	2020-06-02 16:55 (-3)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-02 16:55 (-3)	0.3		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-02 16:55 (-3)	0.41		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-02 16:55 (-3)	6.4		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-02 16:55 (-3)	4.62		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-02 16:55 (-3)	0.421		0.33 - 0.47

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021144	Hemoglobin (g/L)	Screening	2020-06-02 16:55 (-3)	132		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-02 16:55 (-3)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-02 16:55 (-3)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-02 16:55 (-3)	6.44		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-02 16:55 (-3)	1.95		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-02 16:55 (-3)	30.3		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-02 16:55 (-3)	0.42		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-02 16:55 (-3)	6.5		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-02 16:55 (-3)	3.63		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-02 16:55 (-3)	56.3		34 - 71
	Platelets (10^9/L)	Screening	2020-06-02 16:55 (-3)	308		163 - 375
US2021155	Basophils (10^9/L)	Screening	2020-06-03 10:55 (-5)	<0.03		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021155	Basophils/Leukocytes (%)	Screening	2020-06-03 10:55 (-5)	0.2		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-03 10:55 (-5)	0.22		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-03 10:55 (-5)	3.5		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-03 10:55 (-5)	5.37		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-03 10:55 (-5)	0.503		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-03 10:55 (-5)	153		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-03 10:55 (-5)	0.04		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-03 10:55 (-5)	0.6		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-03 10:55 (-5)	6.35		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-03 10:55 (-5)	1.86		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-03 10:55 (-5)	29.3		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-03 10:55 (-5)	0.48		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021155	Monocytes/Leukocytes (%)	Screening	2020-06-03 10:55 (-5)	7.6		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-03 10:55 (-5)	3.74		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-03 10:55 (-5)	58.8		34 - 71
	Platelets (10^9/L)	Screening	2020-06-03 10:55 (-5)	218		163 - 375
US2021161	Basophils (10^9/L)	Screening	2020-06-03 13:16 (-5)	0.06		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-03 13:16 (-5)	1.5		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-03 13:16 (-5)	0.25		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-03 13:16 (-5)	6.2		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-03 13:16 (-5)	4.24		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-03 13:16 (-5)	0.447		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-03 13:16 (-5)	133		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-03 13:16 (-5)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021161	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-03 13:16 (-5)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-03 13:16 (-5)	4.05		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-03 13:16 (-5)	1.29		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-03 13:16 (-5)	31.9		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-03 13:16 (-5)	0.41		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-03 13:16 (-5)	10.1		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-03 13:16 (-5)	2.03		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-03 13:16 (-5)	50.1		34 - 71
	Platelets (10^9/L)	Screening	2020-06-03 13:16 (-5)	270		163 - 375
US2021162	Basophils (10^9/L)	Screening	2020-06-03 13:10 (-5)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-03 13:10 (-5)	0.8		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-03 13:10 (-5)	0.08		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021162	Eosinophils/Leukocytes (%)	Screening	2020-06-03 13:10 (-5)	2.1		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-03 13:10 (-5)	3.87		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-03 13:10 (-5)	0.397		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-03 13:10 (-5)	120	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-03 13:10 (-5)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-03 13:10 (-5)	0.5		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-03 13:10 (-5)	3.84		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-03 13:10 (-5)	1.65		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-03 13:10 (-5)	43.0		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-03 13:10 (-5)	0.31		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-03 13:10 (-5)	8.1		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-03 13:10 (-5)	1.75	G1 Neutrophils Decreased	1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021162	Neutrophils/Leukocytes (%)	Screening	2020-06-03 13:10 (-5)	45.5		34 - 71
	Platelets (10^9/L)	Screening	2020-06-03 13:10 (-5)	167		163 - 375
US2021175	Basophils (10^9/L)	Screening	2020-06-04 16:40 (-4)	0.08		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-04 16:40 (-4)	0.9		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-04 16:40 (-4)	0.65	G1 Eosinophils Increased	0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-04 16:40 (-4)	7.6 (H)		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-04 16:40 (-4)	4.29		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-04 16:40 (-4)	0.407		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-04 16:40 (-4)	129		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-04 16:40 (-4)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-04 16:40 (-4)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-04 16:40 (-4)	8.51		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021175	Lymphocytes (10^9/L)	Screening	2020-06-04 16:40 (-4)	1.78		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-04 16:40 (-4)	20.9		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-04 16:40 (-4)	0.62		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-04 16:40 (-4)	7.3		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-04 16:40 (-4)	5.36		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-04 16:40 (-4)	63.1		34 - 71
	Platelets (10^9/L)	Screening	2020-06-04 16:40 (-4)	215		163 - 375
US2031001	Basophils (10^9/L)	Screening	2020-05-26 08:17 (-3)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-26 08:17 (-3)	0.5		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-26 08:17 (-3)	0.08		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-26 08:17 (-3)	1.3		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-26 08:17 (-3)	4.83		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031001	Hematocrit (L/L)	Screening	2020-05-26 08:17 (-3)	0.436		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-26 08:17 (-3)	138		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-26 08:17 (-3)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-26 08:17 (-3)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-26 08:17 (-3)	6.26		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-26 08:17 (-3)	2.48		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-26 08:17 (-3)	39.6		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-26 08:17 (-3)	0.49		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-26 08:17 (-3)	7.8		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-26 08:17 (-3)	3.16		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-26 08:17 (-3)	50.5		34 - 71
	Platelets (10^9/L)	Screening	2020-05-26 08:17 (-3)	393 (H)		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031009	Basophils (10^9/L)	Screening	2020-05-26 10:44 (-6)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-26 10:44 (-6)	0.8		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-26 10:44 (-6)	0.06		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-26 10:44 (-6)	1.1		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-26 10:44 (-6)	4.84		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-05-26 10:44 (-6)	0.479		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-05-26 10:44 (-6)	152		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-05-26 10:44 (-6)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-26 10:44 (-6)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-26 10:44 (-6)	5.25		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-26 10:44 (-6)	2.22		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-26 10:44 (-6)	42.3		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031009	Monocytes (10^9/L)	Screening	2020-05-26 10:44 (-6)	0.48		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-26 10:44 (-6)	9.1		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-26 10:44 (-6)	2.44		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-26 10:44 (-6)	46.5		34 - 71
	Platelets (10^9/L)	Screening	2020-05-26 10:44 (-6)	256		163 - 375
US2031014	Basophils (10^9/L)	Screening	2020-05-26 11:37 (-3)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-26 11:37 (-3)	0.8		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-26 11:37 (-3)	0.04		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-26 11:37 (-3)	1.0		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-26 11:37 (-3)	4.29		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-26 11:37 (-3)	0.419		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-26 11:37 (-3)	133		110 - 155

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031014	Immature Granulocytes (10^9/L)	Screening	2020-05-26 11:37 (-3)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-26 11:37 (-3)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-26 11:37 (-3)	3.89		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-26 11:37 (-3)	1.61		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-26 11:37 (-3)	41.4		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-26 11:37 (-3)	0.25		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-26 11:37 (-3)	6.4		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-26 11:37 (-3)	1.95	G1 Neutrophils Decreased	1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-26 11:37 (-3)	50.1		34 - 71
	Platelets (10^9/L)	Screening	2020-05-26 11:37 (-3)	239		163 - 375
US2031022	Basophils (10^9/L)	Screening	2020-05-26 15:23 (-3)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-26 15:23 (-3)	0.5		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031022	Eosinophils (10^9/L)	Screening	2020-05-26 15:23 (-3)	0.09		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-26 15:23 (-3)	1.4		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-26 15:23 (-3)	5.09		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-05-26 15:23 (-3)	0.470		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-05-26 15:23 (-3)	153		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-05-26 15:23 (-3)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-26 15:23 (-3)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-26 15:23 (-3)	6.57		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-26 15:23 (-3)	1.74		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-26 15:23 (-3)	26.5		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-26 15:23 (-3)	0.67		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-26 15:23 (-3)	10.2		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031022	Neutrophils (10^9/L)	Screening	2020-05-26 15:23 (-3)	4.03		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-26 15:23 (-3)	61.2		34 - 71
	Platelets (10^9/L)	Screening	2020-05-26 15:23 (-3)	242		163 - 375
US2031023	Basophils (10^9/L)	Screening	2020-05-26 16:04 (-3)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-26 16:04 (-3)	0.4		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-26 16:04 (-3)	0.09		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-26 16:04 (-3)	1.3		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-26 16:04 (-3)	4.89		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-26 16:04 (-3)	0.461		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-26 16:04 (-3)	151		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-26 16:04 (-3)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-26 16:04 (-3)	0.3		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031023	Leukocytes (10^9/L)	Screening	2020-05-26 16:04 (-3)	7.06		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-26 16:04 (-3)	2.62		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-26 16:04 (-3)	37.1		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-26 16:04 (-3)	0.44		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-26 16:04 (-3)	6.2		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-26 16:04 (-3)	3.86		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-26 16:04 (-3)	54.7		34 - 71
	Platelets (10^9/L)	Screening	2020-05-26 16:04 (-3)	232		163 - 375
US2031029	Basophils (10^9/L)	Screening	2020-05-27 08:47 (-6)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-27 08:47 (-6)	0.6		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-27 08:47 (-6)	0.04		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-27 08:47 (-6)	0.9		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031029	Erythrocytes (10^12/L)	Screening	2020-05-27 08:47 (-6)	5.43 (H)		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-27 08:47 (-6)	0.512 (H)		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-27 08:47 (-6)	154		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-27 08:47 (-6)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-27 08:47 (-6)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-27 08:47 (-6)	4.70		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-27 08:47 (-6)	1.27		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-27 08:47 (-6)	27.0		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-27 08:47 (-6)	0.45		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-27 08:47 (-6)	9.6		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-27 08:47 (-6)	2.90		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-27 08:47 (-6)	61.7		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031029	Platelets (10^9/L)	Screening	2020-05-27 08:47 (-6)	166		163 - 375
US2031038	Basophils (10^9/L)	Screening	2020-05-27 11:06 (-7)	0.03		0 - 0.3
		Unscheduled	2020-06-01 07:30 (-2)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-27 11:06 (-7)	0.5		0 - 3
		Unscheduled	2020-06-01 07:30 (-2)	0.4		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-27 11:06 (-7)	0.08		0 - 0.8
		Unscheduled	2020-06-01 07:30 (-2)	0.15		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-27 11:06 (-7)	1.3		0 - 7
		Unscheduled	2020-06-01 07:30 (-2)	3.0		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-27 11:06 (-7)	4.72		4.63 - 6.08
		Unscheduled	2020-06-01 07:30 (-2)	4.98		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-05-27 11:06 (-7)	0.468		0.37 - 0.51

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031038	Hematocrit (L/L)	Unscheduled	2020-06-01 07:30 (-2)	0.502		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-05-27 11:06 (-7)	147		125 - 170
		Unscheduled	2020-06-01 07:30 (-2)	154		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-05-27 11:06 (-7)	<0.03		0 - 0.07
		Unscheduled	2020-06-01 07:30 (-2)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-27 11:06 (-7)	0.2		0 - 1
		Unscheduled	2020-06-01 07:30 (-2)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-27 11:06 (-7)	6.14		3.7 - 11
		Unscheduled	2020-06-01 07:30 (-2)	4.98		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-27 11:06 (-7)	1.76		0.9 - 3.6
		Unscheduled	2020-06-01 07:30 (-2)	2.10		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-27 11:06 (-7)	28.7		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031038	Lymphocytes/Leukocytes (%)	Unscheduled	2020-06-01 07:30 (-2)	42.2		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-27 11:06 (-7)	0.51		0 - 1.2
		Unscheduled	2020-06-01 07:30 (-2)	0.44		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-27 11:06 (-7)	8.3		0 - 11
		Unscheduled	2020-06-01 07:30 (-2)	8.8		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-27 11:06 (-7)	3.75		1.7 - 7.9
		Unscheduled	2020-06-01 07:30 (-2)	2.26		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-27 11:06 (-7)	61.0		34 - 71
		Unscheduled	2020-06-01 07:30 (-2)	45.4		34 - 71
	Platelets (10^9/L)	Screening	2020-05-27 11:06 (-7)	215		163 - 375
		Unscheduled	2020-06-01 07:30 (-2)	205		163 - 375
US2031040	Basophils (10^9/L)	Screening	2020-05-27 11:44 (-5)	<0.03		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031040	Basophils/Leukocytes (%)	Screening	2020-05-27 11:44 (-5)	0.4		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-27 11:44 (-5)	0.05		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-27 11:44 (-5)	1.0		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-27 11:44 (-5)	4.53 (L)		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-05-27 11:44 (-5)	0.437		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-05-27 11:44 (-5)	138		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-05-27 11:44 (-5)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-27 11:44 (-5)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-27 11:44 (-5)	5.09		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-27 11:44 (-5)	2.07		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-27 11:44 (-5)	40.7		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-27 11:44 (-5)	0.43		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031040	Monocytes/Leukocytes (%)	Screening	2020-05-27 11:44 (-5)	8.4		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-27 11:44 (-5)	2.51		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-27 11:44 (-5)	49.3		34 - 71
	Platelets (10^9/L)	Screening	2020-05-27 11:44 (-5)	210		163 - 375
US2031041	Basophils (10^9/L)	Screening	2020-05-27 12:05 (-6)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-27 12:05 (-6)	0.6		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-27 12:05 (-6)	0.03		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-27 12:05 (-6)	0.6		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-27 12:05 (-6)	5.02		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-27 12:05 (-6)	0.482 (H)		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-27 12:05 (-6)	149		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-27 12:05 (-6)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031041	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-27 12:05 (-6)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-27 12:05 (-6)	4.77		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-27 12:05 (-6)	1.62		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-27 12:05 (-6)	34.0		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-27 12:05 (-6)	0.36		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-27 12:05 (-6)	7.5		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-27 12:05 (-6)	2.72		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-27 12:05 (-6)	57.1		34 - 71
	Platelets (10^9/L)	Screening	2020-05-27 12:05 (-6)	284		163 - 375
US2031043	Basophils (10^9/L)	Screening	2020-05-27 13:20 (-8)	0.09		0 - 0.3
		Unscheduled	2020-06-01 16:08 (-3)	0.08		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-27 13:20 (-8)	1.0		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031043	Basophils/Leukocytes (%)	Unscheduled	2020-06-01 16:08 (-3)	1.0		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-27 13:20 (-8)	0.19		0 - 0.8
		Unscheduled	2020-06-01 16:08 (-3)	0.30		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-27 13:20 (-8)	2.1		0 - 7
		Unscheduled	2020-06-01 16:08 (-3)	3.9		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-27 13:20 (-8)	5.11		4.63 - 6.08
		Unscheduled	2020-06-01 16:08 (-3)	5.06		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-05-27 13:20 (-8)	0.509		0.37 - 0.51
		Unscheduled	2020-06-01 16:08 (-3)	0.552 (H)		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-05-27 13:20 (-8)	160		125 - 170
		Unscheduled	2020-06-01 16:08 (-3)	156		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-05-27 13:20 (-8)	0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031043	Immature Granulocytes (10^9/L)	Unscheduled	2020-06-01 16:08 (-3)	0.09 (H)		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-27 13:20 (-8)	0.3		0 - 1
		Unscheduled	2020-06-01 16:08 (-3)	1.2 (H)		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-27 13:20 (-8)	8.95		3.7 - 11
		Unscheduled	2020-06-01 16:08 (-3)	7.74		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-27 13:20 (-8)	1.91		0.9 - 3.6
		Unscheduled	2020-06-01 16:08 (-3)	2.09		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-27 13:20 (-8)	21.3		12 - 46
		Unscheduled	2020-06-01 16:08 (-3)	27.0		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-27 13:20 (-8)	0.88		0 - 1.2
		Unscheduled	2020-06-01 16:08 (-3)	0.81		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-27 13:20 (-8)	9.8		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031043	Monocytes/Leukocytes (%)	Unscheduled	2020-06-01 16:08 (-3)	10.5		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-27 13:20 (-8)	5.85		1.7 - 7.9
		Unscheduled	2020-06-01 16:08 (-3)	4.37		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-27 13:20 (-8)	65.5		34 - 71
		Unscheduled	2020-06-01 16:08 (-3)	56.4		34 - 71
	Platelets (10^9/L)	Screening	2020-05-27 13:20 (-8)	193		163 - 375
		Unscheduled	2020-06-01 16:08 (-3)	164		163 - 375
US2031045	Basophils (10^9/L)	Screening	2020-05-27 15:28 (-6)	0.12		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-27 15:28 (-6)	2.1		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-27 15:28 (-6)	0.50		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-27 15:28 (-6)	8.8 (H)		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-27 15:28 (-6)	4.50 (L)		4.63 - 6.08

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031045	Hematocrit (L/L)	Screening	2020-05-27 15:28 (-6)	0.438		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-05-27 15:28 (-6)	140		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-05-27 15:28 (-6)	0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-27 15:28 (-6)	0.5		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-27 15:28 (-6)	5.70		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-27 15:28 (-6)	1.65		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-27 15:28 (-6)	28.9		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-27 15:28 (-6)	0.62		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-27 15:28 (-6)	10.9		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-27 15:28 (-6)	2.78		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-27 15:28 (-6)	48.8		34 - 71
	Platelets (10^9/L)	Screening	2020-05-27 15:28 (-6)	222		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031048	Basophils (10^9/L)	Screening	2020-05-28 08:09 (-4)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-28 08:09 (-4)	0.4		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-28 08:09 (-4)	0.38		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-28 08:09 (-4)	6.9		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-28 08:09 (-4)	5.38		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-05-28 08:09 (-4)	0.502		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-05-28 08:09 (-4)	160		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-05-28 08:09 (-4)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-28 08:09 (-4)	0.0		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-28 08:09 (-4)	5.47		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-28 08:09 (-4)	2.06		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-28 08:09 (-4)	37.7		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031048	Monocytes (10^9/L)	Screening	2020-05-28 08:09 (-4)	0.60		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-28 08:09 (-4)	11.0		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-28 08:09 (-4)	2.41		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-28 08:09 (-4)	44.0		34 - 71
	Platelets (10^9/L)	Screening	2020-05-28 08:09 (-4)	201		163 - 375
US2031049	Basophils (10^9/L)	Screening	2020-05-28 08:39 (-4)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-28 08:39 (-4)	1.0		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-28 08:39 (-4)	<0.03		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-28 08:39 (-4)	0.5		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-28 08:39 (-4)	4.95		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-28 08:39 (-4)	0.476 (H)		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-28 08:39 (-4)	155		110 - 155

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031049	Immature Granulocytes (10^9/L)	Screening	2020-05-28 08:39 (-4)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-28 08:39 (-4)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-28 08:39 (-4)	3.92		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-28 08:39 (-4)	1.26		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-28 08:39 (-4)	32.1		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-28 08:39 (-4)	0.27		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-28 08:39 (-4)	6.9		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-28 08:39 (-4)	2.32		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-28 08:39 (-4)	59.2		34 - 71
	Platelets (10^9/L)	Screening	2020-05-28 08:39 (-4)	206		163 - 375
US2031058	Basophils (10^9/L)	Screening	2020-05-28 16:35 (-4)	0.07		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-28 16:35 (-4)	0.8		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031058	Eosinophils (10^9/L)	Screening	2020-05-28 16:35 (-4)	0.04		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-28 16:35 (-4)	0.5		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-28 16:35 (-4)	4.07		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-28 16:35 (-4)	0.410		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-28 16:35 (-4)	127		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-28 16:35 (-4)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-28 16:35 (-4)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-28 16:35 (-4)	8.60		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-28 16:35 (-4)	2.46		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-28 16:35 (-4)	28.6		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-28 16:35 (-4)	1.00		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-28 16:35 (-4)	11.6 (H)		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031058	Neutrophils (10^9/L)	Screening	2020-05-28 16:35 (-4)	5.01		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-28 16:35 (-4)	58.3		34 - 71
	Platelets (10^9/L)	Screening	2020-05-28 16:35 (-4)	276		163 - 375
US2031071	Basophils (10^9/L)	Screening	2020-05-29 11:58 (-6)	0.05		0 - 0.3
		Unscheduled	2020-06-01 14:34 (-3)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-29 11:58 (-6)	0.9		0 - 3
		Unscheduled	2020-06-01 14:34 (-3)	0.5		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-29 11:58 (-6)	0.04		0 - 0.8
		Unscheduled	2020-06-01 14:34 (-3)	0.08		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-29 11:58 (-6)	0.7		0 - 7
		Unscheduled	2020-06-01 14:34 (-3)	1.1		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-29 11:58 (-6)	4.81		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031071	Erythrocytes (10^12/L)	Unscheduled	2020-06-01 14:34 (-3)	4.40		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-29 11:58 (-6)	0.442		0.33 - 0.47
		Unscheduled	2020-06-01 14:34 (-3)	0.415		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-29 11:58 (-6)	133		110 - 155
		Unscheduled	2020-06-01 14:34 (-3)	124		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-29 11:58 (-6)	<0.03		0 - 0.07
		Unscheduled	2020-06-01 14:34 (-3)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-29 11:58 (-6)	0.2		0 - 1
		Unscheduled	2020-06-01 14:34 (-3)	0.1		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-29 11:58 (-6)	5.88		3.7 - 11
		Unscheduled	2020-06-01 14:34 (-3)	7.56		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-29 11:58 (-6)	1.86		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031071	Lymphocytes (10^9/L)	Unscheduled	2020-06-01 14:34 (-3)	2.40		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-29 11:58 (-6)	31.6		12 - 46
		Unscheduled	2020-06-01 14:34 (-3)	31.7		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-29 11:58 (-6)	0.33		0 - 1.2
		Unscheduled	2020-06-01 14:34 (-3)	0.32		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-29 11:58 (-6)	5.6		0 - 11
		Unscheduled	2020-06-01 14:34 (-3)	4.2		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-29 11:58 (-6)	3.59		1.7 - 7.9
		Unscheduled	2020-06-01 14:34 (-3)	4.71		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-29 11:58 (-6)	61.0		34 - 71
		Unscheduled	2020-06-01 14:34 (-3)	62.4		34 - 71
	Platelets (10^9/L)	Screening	2020-05-29 11:58 (-6)	270		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031071	Platelets (10^9/L)	Unscheduled	2020-06-01 14:34 (-3)	264		163 - 375
US2031074	Basophils (10^9/L)	Screening	2020-05-29 14:09 (-4)	0.04		0 - 0.3
		Unscheduled	2020-06-15 15:23 (14)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-29 14:09 (-4)	0.6		0 - 3
		Unscheduled	2020-06-15 15:23 (14)	0.6		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-29 14:09 (-4)	0.27		0 - 0.8
		Unscheduled	2020-06-15 15:23 (14)	0.28		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-29 14:09 (-4)	4.0		0 - 7
		Unscheduled	2020-06-15 15:23 (14)	4.0		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-29 14:09 (-4)	4.18		3.7 - 5.2
		Unscheduled	2020-06-15 15:23 (14)	4.40		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-29 14:09 (-4)	0.414		0.33 - 0.47

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031074	Hematocrit (L/L)	Unscheduled	2020-06-15 15:23 (14)	0.456		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-29 14:09 (-4)	134		110 - 155
		Unscheduled	2020-06-15 15:23 (14)	139		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-29 14:09 (-4)	<0.03		0 - 0.07
		Unscheduled	2020-06-15 15:23 (14)	0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-29 14:09 (-4)	0.1		0 - 1
		Unscheduled	2020-06-15 15:23 (14)	0.4		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-29 14:09 (-4)	6.76		3.7 - 11
		Unscheduled	2020-06-15 15:23 (14)	7.00		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-29 14:09 (-4)	2.42		0.9 - 3.6
		Unscheduled	2020-06-15 15:23 (14)	1.96		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-29 14:09 (-4)	35.8		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031074	Lymphocytes/Leukocytes (%)	Unscheduled	2020-06-15 15:23 (14)	28.0		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-29 14:09 (-4)	0.59		0 - 1.2
		Unscheduled	2020-06-15 15:23 (14)	0.63		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-29 14:09 (-4)	8.7		0 - 11
		Unscheduled	2020-06-15 15:23 (14)	9.0		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-29 14:09 (-4)	3.43		1.7 - 7.9
		Unscheduled	2020-06-15 15:23 (14)	4.06		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-29 14:09 (-4)	50.8		34 - 71
		Unscheduled	2020-06-15 15:23 (14)	58.0		34 - 71
	Platelets (10^9/L)	Screening	2020-05-29 14:09 (-4)	217		163 - 375
		Unscheduled	2020-06-15 15:23 (14)	174		163 - 375
US2031081	Basophils (10^9/L)	Screening	2020-06-02 13:32 (-2)	<0.03		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031081	Basophils/Leukocytes (%)	Screening	2020-06-02 13:32 (-2)	0.2		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-02 13:32 (-2)	0.19		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-02 13:32 (-2)	3.2		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-02 13:32 (-2)	4.38		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-02 13:32 (-2)	0.443		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-02 13:32 (-2)	135		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-02 13:32 (-2)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-02 13:32 (-2)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-02 13:32 (-2)	5.96		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-02 13:32 (-2)	1.63		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-02 13:32 (-2)	27.3		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-02 13:32 (-2)	0.49		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031081	Monocytes/Leukocytes (%)	Screening	2020-06-02 13:32 (-2)	8.2		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-02 13:32 (-2)	3.62		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-02 13:32 (-2)	60.8		34 - 71
	Platelets (10^9/L)	Screening	2020-06-02 13:32 (-2)	282		163 - 375
US2041005	Basophils (10^9/L)	Screening	2020-05-26 09:44 (-3)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-26 09:44 (-3)	0.3		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-26 09:44 (-3)	0.23		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-26 09:44 (-3)	3.6		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-26 09:44 (-3)	4.71		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-26 09:44 (-3)	0.423		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-26 09:44 (-3)	136		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-26 09:44 (-3)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041005	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-26 09:44 (-3)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-26 09:44 (-3)	6.44		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-26 09:44 (-3)	2.21		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-26 09:44 (-3)	34.3		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-26 09:44 (-3)	0.66		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-26 09:44 (-3)	10.2		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-26 09:44 (-3)	3.30		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-26 09:44 (-3)	51.3		34 - 71
	Platelets (10^9/L)	Screening	2020-05-26 09:44 (-3)	177		163 - 375
US2041011	Basophils (10^9/L)	Screening	2020-05-26 11:23 (-6)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-26 11:23 (-6)	0.5		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-26 11:23 (-6)	0.12		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041011	Eosinophils/Leukocytes (%)	Screening	2020-05-26 11:23 (-6)	1.4		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-26 11:23 (-6)	4.42		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-26 11:23 (-6)	0.438		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-26 11:23 (-6)	137		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-26 11:23 (-6)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-26 11:23 (-6)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-26 11:23 (-6)	8.63		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-26 11:23 (-6)	1.98		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-26 11:23 (-6)	22.9		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-26 11:23 (-6)	0.62		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-26 11:23 (-6)	7.2		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-26 11:23 (-6)	5.85		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041011	Neutrophils/Leukocytes (%)	Screening	2020-05-26 11:23 (-6)	67.8		34 - 71
	Platelets (10^9/L)	Screening	2020-05-26 11:23 (-6)	412 (H)		163 - 375
US2041014	Basophils (10^9/L)	Screening	2020-05-26 13:54 (-3)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-26 13:54 (-3)	1.0		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-26 13:54 (-3)	<0.03		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-26 13:54 (-3)	0.5		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-26 13:54 (-3)	4.35 (L)		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-05-26 13:54 (-3)	0.410		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-05-26 13:54 (-3)	131	G1 Hemoglobin Decreased	125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-05-26 13:54 (-3)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-26 13:54 (-3)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-26 13:54 (-3)	4.06		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041014	Lymphocytes (10^9/L)	Screening	2020-05-26 13:54 (-3)	1.41		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-26 13:54 (-3)	34.7		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-26 13:54 (-3)	0.34		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-26 13:54 (-3)	8.4		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-26 13:54 (-3)	2.24		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-26 13:54 (-3)	55.2		34 - 71
	Platelets (10^9/L)	Screening	2020-05-26 13:54 (-3)	235		163 - 375
US2041019	Basophils (10^9/L)	Screening	2020-05-26 15:00 (-7)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-26 15:00 (-7)	0.5		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-26 15:00 (-7)	0.03		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-26 15:00 (-7)	0.4		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-26 15:00 (-7)	4.93		4.63 - 6.08

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041019	Hematocrit (L/L)	Screening	2020-05-26 15:00 (-7)	0.489		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-05-26 15:00 (-7)	158		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-05-26 15:00 (-7)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-26 15:00 (-7)	0.1		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-26 15:00 (-7)	7.47		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-26 15:00 (-7)	1.54		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-26 15:00 (-7)	20.6		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-26 15:00 (-7)	0.58		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-26 15:00 (-7)	7.8		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-26 15:00 (-7)	5.27		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-26 15:00 (-7)	70.6		34 - 71
	Platelets (10^9/L)	Screening	2020-05-26 15:00 (-7)	308		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041020	Basophils (10^9/L)	Screening	2020-05-26 15:13 (-8)	0.06		0 - 0.3
		Unscheduled	2020-06-01 07:39 (-2)	0.05		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-26 15:13 (-8)	0.9		0 - 3
		Unscheduled	2020-06-01 07:39 (-2)	0.9		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-26 15:13 (-8)	0.07		0 - 0.8
		Unscheduled	2020-06-01 07:39 (-2)	0.18		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-26 15:13 (-8)	1.0		0 - 7
		Unscheduled	2020-06-01 07:39 (-2)	3.4		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-26 15:13 (-8)	4.38 (L)		4.63 - 6.08
		Unscheduled	2020-06-01 07:39 (-2)	4.55 (L)		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-05-26 15:13 (-8)	0.419		0.37 - 0.51
		Unscheduled	2020-06-01 07:39 (-2)	0.448		0.37 - 0.51

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041020	Hemoglobin (g/L)	Screening	2020-05-26 15:13 (-8)	139		125 - 170
		Unscheduled	2020-06-01 07:39 (-2)	142		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-05-26 15:13 (-8)	<0.03		0 - 0.07
		Unscheduled	2020-06-01 07:39 (-2)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-26 15:13 (-8)	0.1		0 - 1
		Unscheduled	2020-06-01 07:39 (-2)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-26 15:13 (-8)	6.95		3.7 - 11
		Unscheduled	2020-06-01 07:39 (-2)	5.34		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-26 15:13 (-8)	1.68		0.9 - 3.6
		Unscheduled	2020-06-01 07:39 (-2)	1.65		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-26 15:13 (-8)	24.2		12 - 46
		Unscheduled	2020-06-01 07:39 (-2)	30.9		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041020	Monocytes (10^9/L)	Screening	2020-05-26 15:13 (-8)	0.63		0 - 1.2
		Unscheduled	2020-06-01 07:39 (-2)	0.38		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-26 15:13 (-8)	9.1		0 - 11
		Unscheduled	2020-06-01 07:39 (-2)	7.1		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-26 15:13 (-8)	4.50		1.7 - 7.9
		Unscheduled	2020-06-01 07:39 (-2)	3.07		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-26 15:13 (-8)	64.7		34 - 71
		Unscheduled	2020-06-01 07:39 (-2)	57.5		34 - 71
	Platelets (10^9/L)	Screening	2020-05-26 15:13 (-8)	245		163 - 375
		Unscheduled	2020-06-01 07:39 (-2)	214		163 - 375
US2041022	Basophils (10^9/L)	Screening	2020-05-27 08:05 (-9)	0.05		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-27 08:05 (-9)	1.0		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041022	Eosinophils (10^9/L)	Screening	2020-05-27 08:05 (-9)	0.15		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-27 08:05 (-9)	3.0		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-27 08:05 (-9)	4.52		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-27 08:05 (-9)	0.455		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-27 08:05 (-9)	140		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-27 08:05 (-9)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-27 08:05 (-9)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-27 08:05 (-9)	4.94		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-27 08:05 (-9)	0.98	G1 Lymphocytes Decreased	0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-27 08:05 (-9)	19.8		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-27 08:05 (-9)	0.31		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-27 08:05 (-9)	6.3		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041022	Neutrophils (10^9/L)	Screening	2020-05-27 08:05 (-9)	3.44		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-27 08:05 (-9)	69.7		34 - 71
	Platelets (10^9/L)	Screening	2020-05-27 08:05 (-9)	145 (L)		163 - 375
US2041025	Basophils (10^9/L)	Screening	2020-05-27 09:00 (-6)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-27 09:00 (-6)	0.3		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-27 09:00 (-6)	0.13		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-27 09:00 (-6)	1.5		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-27 09:00 (-6)	4.78		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-27 09:00 (-6)	0.482 (H)		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-27 09:00 (-6)	152		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-27 09:00 (-6)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-27 09:00 (-6)	0.2		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041025	Leukocytes (10^9/L)	Screening	2020-05-27 09:00 (-6)	8.85		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-27 09:00 (-6)	1.99		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-27 09:00 (-6)	22.5		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-27 09:00 (-6)	0.80		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-27 09:00 (-6)	9.0		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-27 09:00 (-6)	5.88		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-27 09:00 (-6)	66.5		34 - 71
	Platelets (10^9/L)	Screening	2020-05-27 09:00 (-6)	319		163 - 375
US2041029	Basophils (10^9/L)	Screening	2020-05-27 11:14 (-5)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-27 11:14 (-5)	0.5		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-27 11:14 (-5)	0.11		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-27 11:14 (-5)	2.7		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041029	Erythrocytes (10^12/L)	Screening	2020-05-27 11:14 (-5)	4.76		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-05-27 11:14 (-5)	0.450		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-05-27 11:14 (-5)	149		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-05-27 11:14 (-5)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-27 11:14 (-5)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-27 11:14 (-5)	4.15		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-27 11:14 (-5)	1.15		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-27 11:14 (-5)	27.7		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-27 11:14 (-5)	0.40		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-27 11:14 (-5)	9.6		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-27 11:14 (-5)	2.46		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-27 11:14 (-5)	59.3		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041029	Platelets (10^9/L)	Screening	2020-05-27 11:14 (-5)	177		163 - 375
US2041034	Basophils (10^9/L)	Screening	2020-05-27 13:52 (-5)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-27 13:52 (-5)	0.5		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-27 13:52 (-5)	0.13		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-27 13:52 (-5)	3.0		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-27 13:52 (-5)	4.59		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-27 13:52 (-5)	0.441		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-27 13:52 (-5)	137		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-27 13:52 (-5)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-27 13:52 (-5)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-27 13:52 (-5)	4.38		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-27 13:52 (-5)	1.35		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041034	Lymphocytes/Leukocytes (%)	Screening	2020-05-27 13:52 (-5)	30.8		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-27 13:52 (-5)	0.43		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-27 13:52 (-5)	9.8		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-27 13:52 (-5)	2.44		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-27 13:52 (-5)	55.7		34 - 71
	Platelets (10^9/L)	Screening	2020-05-27 13:52 (-5)	167		163 - 375
US2041042	Basophils (10^9/L)	Screening	2020-05-27 16:22 (-5)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-27 16:22 (-5)	0.6		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-27 16:22 (-5)	0.12		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-27 16:22 (-5)	1.8		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-27 16:22 (-5)	4.80		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-27 16:22 (-5)	0.464		0.33 - 0.47

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041042	Hemoglobin (g/L)	Screening	2020-05-27 16:22 (-5)	146		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-27 16:22 (-5)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-27 16:22 (-5)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-27 16:22 (-5)	6.74		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-27 16:22 (-5)	2.35		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-27 16:22 (-5)	34.9		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-27 16:22 (-5)	0.43		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-27 16:22 (-5)	6.4		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-27 16:22 (-5)	3.78		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-27 16:22 (-5)	56.0		34 - 71
	Platelets (10^9/L)	Screening	2020-05-27 16:22 (-5)	325		163 - 375
US2041043	Basophils (10^9/L)	Screening	2020-05-28 07:36 (-6)	0.09		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041043	Basophils/Leukocytes (%)	Screening	2020-05-28 07:36 (-6)	1.6		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-28 07:36 (-6)	0.19		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-28 07:36 (-6)	3.3		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-28 07:36 (-6)	3.96		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-28 07:36 (-6)	0.397		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-28 07:36 (-6)	124		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-28 07:36 (-6)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-28 07:36 (-6)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-28 07:36 (-6)	5.79		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-28 07:36 (-6)	1.64		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-28 07:36 (-6)	28.3		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-28 07:36 (-6)	0.46		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041043	Monocytes/Leukocytes (%)	Screening	2020-05-28 07:36 (-6)	7.9		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-28 07:36 (-6)	3.40		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-28 07:36 (-6)	58.7		34 - 71
	Platelets (10^9/L)	Screening	2020-05-28 07:36 (-6)	225		163 - 375
US2041056	Basophils (10^9/L)	Screening	2020-05-28 13:35 (-5)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-28 13:35 (-5)	0.5		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-28 13:35 (-5)	0.07		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-28 13:35 (-5)	0.8		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-28 13:35 (-5)	5.18		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-05-28 13:35 (-5)	0.500		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-05-28 13:35 (-5)	162		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-05-28 13:35 (-5)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041056	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-28 13:35 (-5)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-28 13:35 (-5)	8.25		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-28 13:35 (-5)	1.50		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-28 13:35 (-5)	18.2		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-28 13:35 (-5)	0.61		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-28 13:35 (-5)	7.4		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-28 13:35 (-5)	6.01		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-28 13:35 (-5)	72.9 (H)		34 - 71
	Platelets (10^9/L)	Screening	2020-05-28 13:35 (-5)	340		163 - 375
US2041059	Basophils (10^9/L)	Screening	2020-05-28 15:02 (-5)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-28 15:02 (-5)	0.3		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-28 15:02 (-5)	<0.03		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041059	Eosinophils/Leukocytes (%)	Screening	2020-05-28 15:02 (-5)	0.0		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-28 15:02 (-5)	4.89		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-28 15:02 (-5)	0.468		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-28 15:02 (-5)	140		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-28 15:02 (-5)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-28 15:02 (-5)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-28 15:02 (-5)	10.02		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-28 15:02 (-5)	2.43		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-28 15:02 (-5)	24.3		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-28 15:02 (-5)	0.67		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-28 15:02 (-5)	6.7		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-28 15:02 (-5)	6.87		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041059	Neutrophils/Leukocytes (%)	Screening	2020-05-28 15:02 (-5)	68.5		34 - 71
	Platelets (10^9/L)	Screening	2020-05-28 15:02 (-5)	318		163 - 375
US2041062	Basophils (10^9/L)	Screening	2020-05-28 15:55 (-5)	0.07		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-28 15:55 (-5)	1.5		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-28 15:55 (-5)	0.07		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-28 15:55 (-5)	1.5		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-28 15:55 (-5)	4.47		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-28 15:55 (-5)	0.433		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-28 15:55 (-5)	140		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-28 15:55 (-5)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-28 15:55 (-5)	0.0		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-28 15:55 (-5)	4.75		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041062	Lymphocytes (10^9/L)	Screening	2020-05-28 15:55 (-5)	1.47		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-28 15:55 (-5)	30.9		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-28 15:55 (-5)	0.43		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-28 15:55 (-5)	9.1		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-28 15:55 (-5)	2.71		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-28 15:55 (-5)	57.0		34 - 71
	Platelets (10^9/L)	Screening	2020-05-28 15:55 (-5)	211		163 - 375
US2041078	Basophils (10^9/L)	Screening	2020-05-29 11:34 (-5)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-29 11:34 (-5)	0.7		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-29 11:34 (-5)	0.06		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-29 11:34 (-5)	1.0		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-29 11:34 (-5)	4.42		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041078	Hematocrit (L/L)	Screening	2020-05-29 11:34 (-5)	0.433		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-29 11:34 (-5)	145		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-29 11:34 (-5)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-29 11:34 (-5)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-29 11:34 (-5)	5.84		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-29 11:34 (-5)	2.46		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-29 11:34 (-5)	42.1		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-29 11:34 (-5)	0.45		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-29 11:34 (-5)	7.7		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-29 11:34 (-5)	2.82		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-29 11:34 (-5)	48.3		34 - 71
	Platelets (10^9/L)	Screening	2020-05-29 11:34 (-5)	251		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041086	Basophils (10^9/L)	Screening	2020-06-05 08:38 (-3)	0.05		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-05 08:38 (-3)	1.1		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-05 08:38 (-3)	0.19		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-05 08:38 (-3)	4.0		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-05 08:38 (-3)	4.82		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-05 08:38 (-3)	0.449		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-05 08:38 (-3)	144		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-05 08:38 (-3)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-05 08:38 (-3)	0.4		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-05 08:38 (-3)	4.74		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-05 08:38 (-3)	1.54		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-05 08:38 (-3)	32.5		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041086	Monocytes (10^9/L)	Screening	2020-06-05 08:38 (-3)	0.57		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-05 08:38 (-3)	12.0 (H)		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-05 08:38 (-3)	2.37		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-05 08:38 (-3)	50.0		34 - 71
	Platelets (10^9/L)	Screening	2020-06-05 08:38 (-3)	214		163 - 375
US2041089	Basophils (10^9/L)	Screening	2020-06-05 10:18 (-3)	0.05		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-05 10:18 (-3)	0.9		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-05 10:18 (-3)	0.23		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-05 10:18 (-3)	4.2		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-05 10:18 (-3)	5.49		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-05 10:18 (-3)	0.503		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-05 10:18 (-3)	161		125 - 170

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041089	Immature Granulocytes (10^9/L)	Screening	2020-06-05 10:18 (-3)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-05 10:18 (-3)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-05 10:18 (-3)	5.53		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-05 10:18 (-3)	1.21		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-05 10:18 (-3)	21.9		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-05 10:18 (-3)	0.43		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-05 10:18 (-3)	7.8		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-05 10:18 (-3)	3.60		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-05 10:18 (-3)	65.0		34 - 71
	Platelets (10^9/L)	Screening	2020-06-05 10:18 (-3)	229		163 - 375
US2041090	Basophils (10^9/L)	Screening	2020-06-05 10:48 (-3)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-05 10:48 (-3)	1.0		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041090	Eosinophils (10^9/L)	Screening	2020-06-05 10:48 (-3)	0.05		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-05 10:48 (-3)	1.2		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-05 10:48 (-3)	5.03		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-05 10:48 (-3)	0.491		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-05 10:48 (-3)	156		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-05 10:48 (-3)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-05 10:48 (-3)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-05 10:48 (-3)	4.01		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-05 10:48 (-3)	1.53		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-05 10:48 (-3)	38.2		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-05 10:48 (-3)	0.41		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-05 10:48 (-3)	10.2		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041090	Neutrophils (10^9/L)	Screening	2020-06-05 10:48 (-3)	1.97	G1 Neutrophils Decreased	1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-05 10:48 (-3)	49.2		34 - 71
	Platelets (10^9/L)	Screening	2020-06-05 10:48 (-3)	210		163 - 375
US2051022	Basophils (10^9/L)	Screening	2020-05-28 08:51 (-6)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-28 08:51 (-6)	0.4		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-28 08:51 (-6)	0.15		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-28 08:51 (-6)	1.9		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-28 08:51 (-6)	5.13		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-28 08:51 (-6)	0.466		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-28 08:51 (-6)	145		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-28 08:51 (-6)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-28 08:51 (-6)	0.1		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051022	Leukocytes (10^9/L)	Screening	2020-05-28 08:51 (-6)	7.70		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-28 08:51 (-6)	2.48		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-28 08:51 (-6)	32.2		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-28 08:51 (-6)	0.58		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-28 08:51 (-6)	7.5		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-28 08:51 (-6)	4.45		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-28 08:51 (-6)	57.9		34 - 71
	Platelets (10^9/L)	Screening	2020-05-28 08:51 (-6)	277		163 - 375
US2051035	Basophils (10^9/L)	Screening	2020-05-28 15:20 (-7)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-28 15:20 (-7)	0.3		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-28 15:20 (-7)	0.06		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-28 15:20 (-7)	0.8		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051035	Erythrocytes (10^12/L)	Screening	2020-05-28 15:20 (-7)	4.52		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-28 15:20 (-7)	0.412		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-28 15:20 (-7)	131		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-28 15:20 (-7)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-28 15:20 (-7)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-28 15:20 (-7)	7.99		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-28 15:20 (-7)	1.38		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-28 15:20 (-7)	17.3		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-28 15:20 (-7)	0.57		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-28 15:20 (-7)	7.1		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-28 15:20 (-7)	5.94		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-28 15:20 (-7)	74.2 (H)		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051035	Platelets (10^9/L)	Screening	2020-05-28 15:20 (-7)	241		163 - 375
US2051036	Basophils (10^9/L)	Screening	2020-05-28 15:43 (-5)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-28 15:43 (-5)	0.5		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-28 15:43 (-5)	0.52		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-28 15:43 (-5)	7.1 (H)		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-28 15:43 (-5)	4.68		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-05-28 15:43 (-5)	0.484		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-05-28 15:43 (-5)	155		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-05-28 15:43 (-5)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-28 15:43 (-5)	0.1		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-28 15:43 (-5)	7.31		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-28 15:43 (-5)	1.72		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051036	Lymphocytes/Leukocytes (%)	Screening	2020-05-28 15:43 (-5)	23.5		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-28 15:43 (-5)	0.61		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-28 15:43 (-5)	8.3		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-28 15:43 (-5)	4.41		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-28 15:43 (-5)	60.5		34 - 71
	Platelets (10^9/L)	Screening	2020-05-28 15:43 (-5)	213		163 - 375
US2051044	Basophils (10^9/L)	Screening	2020-06-03 12:37 (-2)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-03 12:37 (-2)	0.8		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-03 12:37 (-2)	<0.03		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-03 12:37 (-2)	0.4		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-03 12:37 (-2)	5.33		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-03 12:37 (-2)	0.514 (H)		0.37 - 0.51

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051044	Hemoglobin (g/L)	Screening	2020-06-03 12:37 (-2)	160		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-03 12:37 (-2)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-03 12:37 (-2)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-03 12:37 (-2)	5.20		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-03 12:37 (-2)	1.79		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-03 12:37 (-2)	34.4		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-03 12:37 (-2)	0.35		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-03 12:37 (-2)	6.7		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-03 12:37 (-2)	2.99		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-03 12:37 (-2)	57.5		34 - 71
	Platelets (10^9/L)	Screening	2020-06-03 12:37 (-2)	256		163 - 375
US2061003	Basophils (10^9/L)	Screening	2020-05-28 10:42 (-7)	0.04		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061003	Basophils/Leukocytes (%)	Screening	2020-05-28 10:42 (-7)	0.7		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-28 10:42 (-7)	0.12		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-28 10:42 (-7)	2.1		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-28 10:42 (-7)	4.19		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-28 10:42 (-7)	0.412		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-28 10:42 (-7)	130		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-28 10:42 (-7)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-28 10:42 (-7)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-28 10:42 (-7)	5.61		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-28 10:42 (-7)	1.20		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-28 10:42 (-7)	21.4		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-28 10:42 (-7)	0.40		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061003	Monocytes/Leukocytes (%)	Screening	2020-05-28 10:42 (-7)	7.1		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-28 10:42 (-7)	3.84		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-28 10:42 (-7)	68.5		34 - 71
	Platelets (10^9/L)	Screening	2020-05-28 10:42 (-7)	291		163 - 375
US2061015	Basophils (10^9/L)	Screening	2020-05-29 09:02 (-5)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-29 09:02 (-5)	0.6		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-29 09:02 (-5)	0.07		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-29 09:02 (-5)	1.4		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-29 09:02 (-5)	4.25		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-29 09:02 (-5)	0.387		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-29 09:02 (-5)	125		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-29 09:02 (-5)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061015	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-29 09:02 (-5)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-29 09:02 (-5)	5.18		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-29 09:02 (-5)	2.75		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-29 09:02 (-5)	53.1 (H)		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-29 09:02 (-5)	0.34		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-29 09:02 (-5)	6.6		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-29 09:02 (-5)	1.98	G1 Neutrophils Decreased	1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-29 09:02 (-5)	38.1		34 - 71
	Platelets (10^9/L)	Screening	2020-05-29 09:02 (-5)	265		163 - 375
US2061018	Basophils (10^9/L)	Screening	2020-05-29 09:55 (-7)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-29 09:55 (-7)	0.7		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-29 09:55 (-7)	0.05		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061018	Eosinophils/Leukocytes (%)	Screening	2020-05-29 09:55 (-7)	0.9		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-29 09:55 (-7)	4.80		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-29 09:55 (-7)	0.462		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-29 09:55 (-7)	146		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-29 09:55 (-7)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-29 09:55 (-7)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-29 09:55 (-7)	5.50		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-29 09:55 (-7)	1.79		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-29 09:55 (-7)	32.5		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-29 09:55 (-7)	0.70		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-29 09:55 (-7)	12.7 (H)		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-29 09:55 (-7)	2.91		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061018	Neutrophils/Leukocytes (%)	Screening	2020-05-29 09:55 (-7)	53.0		34 - 71
	Platelets (10^9/L)	Screening	2020-05-29 09:55 (-7)	256		163 - 375
US2061021	Basophils (10^9/L)	Screening	2020-05-29 11:22 (-6)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-29 11:22 (-6)	0.9		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-29 11:22 (-6)	0.16		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-29 11:22 (-6)	3.4		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-29 11:22 (-6)	5.34		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-05-29 11:22 (-6)	0.503		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-05-29 11:22 (-6)	164		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-05-29 11:22 (-6)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-29 11:22 (-6)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-29 11:22 (-6)	4.66		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061021	Lymphocytes (10^9/L)	Screening	2020-05-29 11:22 (-6)	1.71		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-29 11:22 (-6)	36.7		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-29 11:22 (-6)	0.58		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-29 11:22 (-6)	12.4 (H)		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-29 11:22 (-6)	2.16		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-29 11:22 (-6)	46.4		34 - 71
	Platelets (10^9/L)	Screening	2020-05-29 11:22 (-6)	256		163 - 375
US2061022	Basophils (10^9/L)	Screening	2020-05-29 14:20 (-5)	0.08		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-29 14:20 (-5)	1.1		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-29 14:20 (-5)	0.53		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-29 14:20 (-5)	7.2 (H)		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-29 14:20 (-5)	5.10		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061022	Hematocrit (L/L)	Screening	2020-05-29 14:20 (-5)	0.491 (H)		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-29 14:20 (-5)	155		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-29 14:20 (-5)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-29 14:20 (-5)	0.1		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-29 14:20 (-5)	7.34		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-29 14:20 (-5)	1.91		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-29 14:20 (-5)	26.0		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-29 14:20 (-5)	0.39		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-29 14:20 (-5)	5.3		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-29 14:20 (-5)	4.42		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-29 14:20 (-5)	60.3		34 - 71
	Platelets (10^9/L)	Screening	2020-05-29 14:20 (-5)	312		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061024	Basophils (10^9/L)	Screening	2020-05-29 14:31 (-5)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-29 14:31 (-5)	0.5		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-29 14:31 (-5)	0.11		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-29 14:31 (-5)	1.7		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-29 14:31 (-5)	5.00		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-05-29 14:31 (-5)	0.443		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-05-29 14:31 (-5)	142		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-05-29 14:31 (-5)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-29 14:31 (-5)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-29 14:31 (-5)	6.54		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-29 14:31 (-5)	1.39		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-29 14:31 (-5)	21.3		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061024	Monocytes (10^9/L)	Screening	2020-05-29 14:31 (-5)	0.45		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-29 14:31 (-5)	6.9		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-29 14:31 (-5)	4.54		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-29 14:31 (-5)	69.3		34 - 71
	Platelets (10^9/L)	Screening	2020-05-29 14:31 (-5)	332		163 - 375
US2061032	Basophils (10^9/L)	Screening	2020-06-03 16:11 (-2)	0.09		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-03 16:11 (-2)	1.1		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-03 16:11 (-2)	0.05		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-03 16:11 (-2)	0.6		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-03 16:11 (-2)	4.70		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-03 16:11 (-2)	0.435		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-03 16:11 (-2)	138		110 - 155

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061032	Immature Granulocytes (10^9/L)	Screening	2020-06-03 16:11 (-2)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-03 16:11 (-2)	0.1		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-03 16:11 (-2)	8.05		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-03 16:11 (-2)	2.31		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-03 16:11 (-2)	28.7		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-03 16:11 (-2)	0.43		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-03 16:11 (-2)	5.3		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-03 16:11 (-2)	5.16		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-03 16:11 (-2)	64.2		34 - 71
	Platelets (10^9/L)	Screening	2020-06-03 16:11 (-2)	287		163 - 375
US2071012	Basophils (10^9/L)	Screening	2020-05-25 15:02 (-9)	0.09		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-25 15:02 (-9)	1.0		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071012	Eosinophils (10^9/L)	Screening	2020-05-25 15:02 (-9)	0.36		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-25 15:02 (-9)	3.9		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-25 15:02 (-9)	4.57		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-25 15:02 (-9)	0.475 (H)		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-25 15:02 (-9)	140		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-25 15:02 (-9)	0.04		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-25 15:02 (-9)	0.4		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-25 15:02 (-9)	9.21		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-25 15:02 (-9)	2.31		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-25 15:02 (-9)	25.1		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-25 15:02 (-9)	0.53		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-25 15:02 (-9)	5.8		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071012	Neutrophils (10^9/L)	Screening	2020-05-25 15:02 (-9)	5.88		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-25 15:02 (-9)	63.8		34 - 71
	Platelets (10^9/L)	Screening	2020-05-25 15:02 (-9)	405 (H)		163 - 375
US2071014	Basophils (10^9/L)	Screening	2020-05-25 16:31 (-9)	0.05		0 - 0.1
	Basophils/Leukocytes (%)	Screening	2020-05-25 16:31 (-9)	0.7		0 - 1
	Eosinophils (10^9/L)	Screening	2020-05-25 16:31 (-9)	0.03		0 - 0.5
	Eosinophils/Leukocytes (%)	Screening	2020-05-25 16:31 (-9)	0.4		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-25 16:31 (-9)	5.53 (H)		4.5 - 5.3
	Hematocrit (L/L)	Screening	2020-05-25 16:31 (-9)	0.538 (H)		0.37 - 0.49
	Hemoglobin (g/L)	Screening	2020-05-25 16:31 (-9)	164 (H)		130 - 160
	Immature Granulocytes (10^9/L)	Screening	2020-05-25 16:31 (-9)	<0.03		0.02 - 0.05
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-25 16:31 (-9)	0.3		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071014	Leukocytes (10^9/L)	Screening	2020-05-25 16:31 (-9)	7.26		4.5 - 13
	Lymphocytes (10^9/L)	Screening	2020-05-25 16:31 (-9)	2.37		1.2 - 5.8
	Lymphocytes/Leukocytes (%)	Screening	2020-05-25 16:31 (-9)	32.6		25 - 45
	Monocytes (10^9/L)	Screening	2020-05-25 16:31 (-9)	0.54		0 - 0.8
	Monocytes/Leukocytes (%)	Screening	2020-05-25 16:31 (-9)	7.4		4 - 12
	Neutrophils (10^9/L)	Screening	2020-05-25 16:31 (-9)	4.25		1.8 - 8
	Neutrophils/Leukocytes (%)	Screening	2020-05-25 16:31 (-9)	58.6		33 - 63
	Platelets (10^9/L)	Screening	2020-05-25 16:31 (-9)	356		163 - 375
US2071017	Basophils (10^9/L)	Screening	2020-05-25 17:29 (-8)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-25 17:29 (-8)	0.4		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-25 17:29 (-8)	<0.03		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-25 17:29 (-8)	0.1		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071017	Erythrocytes (10^12/L)	Screening	2020-05-25 17:29 (-8)	4.07		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-25 17:29 (-8)	0.404		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-25 17:29 (-8)	118	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-25 17:29 (-8)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-25 17:29 (-8)	0.1		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-25 17:29 (-8)	6.85		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-25 17:29 (-8)	2.28		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-25 17:29 (-8)	33.3		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-25 17:29 (-8)	0.25		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-25 17:29 (-8)	3.6		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-25 17:29 (-8)	4.27		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-25 17:29 (-8)	62.5		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071017	Platelets (10^9/L)	Screening	2020-05-25 17:29 (-8)	247		163 - 375
US2071022	Basophils (10^9/L)	Screening	2020-05-26 09:43 (-8)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-26 09:43 (-8)	0.3		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-26 09:43 (-8)	0.07		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-26 09:43 (-8)	0.9		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-26 09:43 (-8)	4.96		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-05-26 09:43 (-8)	0.467		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-05-26 09:43 (-8)	148		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-05-26 09:43 (-8)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-26 09:43 (-8)	0.1		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-26 09:43 (-8)	7.43		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-26 09:43 (-8)	2.55		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071022	Lymphocytes/Leukocytes (%)	Screening	2020-05-26 09:43 (-8)	34.3		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-26 09:43 (-8)	0.58		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-26 09:43 (-8)	7.8		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-26 09:43 (-8)	4.20		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-26 09:43 (-8)	56.6		34 - 71
	Platelets (10^9/L)	Screening	2020-05-26 09:43 (-8)	203		163 - 375
US2071042	Basophils (10^9/L)	Screening	2020-05-28 11:50 (-7)	0.07		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-28 11:50 (-7)	1.1		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-28 11:50 (-7)	0.04		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-28 11:50 (-7)	0.6		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-28 11:50 (-7)	5.28		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-05-28 11:50 (-7)	0.515 (H)		0.37 - 0.51

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071042	Hemoglobin (g/L)	Screening	2020-05-28 11:50 (-7)	161		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-05-28 11:50 (-7)	0.11 (H)		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-28 11:50 (-7)	1.8 (H)		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-28 11:50 (-7)	6.17		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-28 11:50 (-7)	2.04		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-28 11:50 (-7)	33.1		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-28 11:50 (-7)	0.37		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-28 11:50 (-7)	6.0		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-28 11:50 (-7)	3.54		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-28 11:50 (-7)	57.4		34 - 71
	Platelets (10^9/L)	Screening	2020-05-28 11:50 (-7)	374		163 - 375
US2071044	Basophils (10^9/L)	Unscheduled	2020-06-03 (-5)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Unscheduled	2020-06-03 (-5)	0.2		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071044	Eosinophils (10^9/L)	Unscheduled	2020-06-03 (-5)	0.03		0 - 0.8
	Eosinophils/Leukocytes (%)	Unscheduled	2020-06-03 (-5)	0.4		0 - 7
	Erythrocytes (10^12/L)	Unscheduled	2020-06-03 (-5)	4.60		3.7 - 5.2
	Hematocrit (L/L)	Unscheduled	2020-06-03 (-5)	0.479 (H)		0.33 - 0.47
	Hemoglobin (g/L)	Unscheduled	2020-06-03 (-5)	143		110 - 155
	Immature Granulocytes (10^9/L)	Unscheduled	2020-06-03 (-5)	0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Unscheduled	2020-06-03 (-5)	0.4		0 - 1
	Leukocytes (10^9/L)	Unscheduled	2020-06-03 (-5)	8.18		3.7 - 11
	Lymphocytes (10^9/L)	Unscheduled	2020-06-03 (-5)	1.57		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Unscheduled	2020-06-03 (-5)	19.2		12 - 46
	Monocytes (10^9/L)	Unscheduled	2020-06-03 (-5)	0.50		0 - 1.2
	Monocytes/Leukocytes (%)	Unscheduled	2020-06-03 (-5)	6.1		0 - 11
	Neutrophils (10^9/L)	Unscheduled	2020-06-03 (-5)	6.03		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Unscheduled	2020-06-03 (-5)	73.7 (H)		34 - 71
	Platelets (10^9/L)	Unscheduled	2020-06-03 (-5)	239		163 - 375
US2071046	Basophils (10^9/L)	Screening	2020-05-28 15:53 (-7)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-28 15:53 (-7)	0.4		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-28 15:53 (-7)	0.06		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071046	Eosinophils/Leukocytes (%)	Screening	2020-05-28 15:53 (-7)	0.7		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-28 15:53 (-7)	4.87		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-28 15:53 (-7)	0.468		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-28 15:53 (-7)	135		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-28 15:53 (-7)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-28 15:53 (-7)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-28 15:53 (-7)	8.25		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-28 15:53 (-7)	2.11		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-28 15:53 (-7)	25.6		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-28 15:53 (-7)	0.28		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-28 15:53 (-7)	3.4		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-28 15:53 (-7)	5.75		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071046	Neutrophils/Leukocytes (%)	Screening	2020-05-28 15:53 (-7)	69.7		34 - 71
	Platelets (10^9/L)	Screening	2020-05-28 15:53 (-7)	295		163 - 375
US2071049	Basophils (10^9/L)	Screening	2020-05-29 09:37 (-6)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-29 09:37 (-6)	0.5		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-29 09:37 (-6)	0.17		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-29 09:37 (-6)	3.0		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-29 09:37 (-6)	5.05		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-29 09:37 (-6)	0.430		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-29 09:37 (-6)	123		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-29 09:37 (-6)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-29 09:37 (-6)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-29 09:37 (-6)	5.70		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071049	Lymphocytes (10^9/L)	Screening	2020-05-29 09:37 (-6)	2.23		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-29 09:37 (-6)	39.1		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-29 09:37 (-6)	0.40		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-29 09:37 (-6)	7.0		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-29 09:37 (-6)	2.86		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-29 09:37 (-6)	50.2		34 - 71
	Platelets (10^9/L)	Screening	2020-05-29 09:37 (-6)	375		163 - 375
US2071050	Basophils (10^9/L)	Screening	2020-05-29 10:32 (-7)	0.05		0 - 0.3
		Unscheduled	2020-06-02 15:42 (-3)	0.05		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-29 10:32 (-7)	0.8		0 - 3
		Unscheduled	2020-06-02 15:42 (-3)	0.6		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-29 10:32 (-7)	0.46		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071050	Eosinophils (10^9/L)	Unscheduled	2020-06-02 15:42 (-3)	0.50		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-29 10:32 (-7)	7.1 (H)		0 - 7
		Unscheduled	2020-06-02 15:42 (-3)	5.7		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-29 10:32 (-7)	5.20		4.63 - 6.08
		Unscheduled	2020-06-02 15:42 (-3)	4.85		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-05-29 10:32 (-7)	0.523 (H)		0.37 - 0.51
		Unscheduled	2020-06-02 15:42 (-3)	0.488		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-05-29 10:32 (-7)	171 (H)		125 - 170
		Unscheduled	2020-06-02 15:42 (-3)	157		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-05-29 10:32 (-7)	<0.03		0 - 0.07
		Unscheduled	2020-06-02 15:42 (-3)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-29 10:32 (-7)	0.3		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071050	Immature Granulocytes/Leukocytes (%)	Unscheduled	2020-06-02 15:42 (-3)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-29 10:32 (-7)	6.50		3.7 - 11
		Unscheduled	2020-06-02 15:42 (-3)	8.80		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-29 10:32 (-7)	1.48		0.9 - 3.6
		Unscheduled	2020-06-02 15:42 (-3)	1.81		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-29 10:32 (-7)	22.8		12 - 46
		Unscheduled	2020-06-02 15:42 (-3)	20.6		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-29 10:32 (-7)	0.67		0 - 1.2
		Unscheduled	2020-06-02 15:42 (-3)	0.81		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-29 10:32 (-7)	10.3		0 - 11
		Unscheduled	2020-06-02 15:42 (-3)	9.2		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-29 10:32 (-7)	3.82		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071050	Neutrophils (10^9/L)	Unscheduled	2020-06-02 15:42 (-3)	5.61		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-29 10:32 (-7)	58.7		34 - 71
		Unscheduled	2020-06-02 15:42 (-3)	63.7		34 - 71
	Platelets (10^9/L)	Screening	2020-05-29 10:32 (-7)	211		163 - 375
		Unscheduled	2020-06-02 15:42 (-3)	280		163 - 375
US2071059	Basophils (10^9/L)	Screening	2020-06-01 12:12 (-7)	0.07		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-01 12:12 (-7)	1.3		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-01 12:12 (-7)	0.20		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-01 12:12 (-7)	3.8		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-01 12:12 (-7)	4.83		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-01 12:12 (-7)	0.444		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-01 12:12 (-7)	141		110 - 155

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071059	Immature Granulocytes (10^9/L)	Screening	2020-06-01 12:12 (-7)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-01 12:12 (-7)	0.0		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-01 12:12 (-7)	5.33		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-01 12:12 (-7)	1.52		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-01 12:12 (-7)	28.5		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-01 12:12 (-7)	0.39		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-01 12:12 (-7)	7.3		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-01 12:12 (-7)	3.15		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-01 12:12 (-7)	59.1		34 - 71
	Platelets (10^9/L)	Screening	2020-06-01 12:12 (-7)	259		163 - 375
US2071062	Basophils (10^9/L)	Screening	2020-06-01 15:12 (-3)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-01 15:12 (-3)	0.7		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071062	Eosinophils (10^9/L)	Screening	2020-06-01 15:12 (-3)	0.10		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-01 15:12 (-3)	2.3		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-01 15:12 (-3)	4.98		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-01 15:12 (-3)	0.459		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-01 15:12 (-3)	155		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-01 15:12 (-3)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-01 15:12 (-3)	0.5		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-01 15:12 (-3)	4.30		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-01 15:12 (-3)	1.49		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-01 15:12 (-3)	34.7		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-01 15:12 (-3)	0.34		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-01 15:12 (-3)	7.9		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071062	Neutrophils (10^9/L)	Screening	2020-06-01 15:12 (-3)	2.32		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-01 15:12 (-3)	53.9		34 - 71
	Platelets (10^9/L)	Screening	2020-06-01 15:12 (-3)	233		163 - 375
US2071064	Basophils (10^9/L)	Screening	2020-06-01 16:39 (-4)	0.05		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-01 16:39 (-4)	0.5		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-01 16:39 (-4)	0.14		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-01 16:39 (-4)	1.4		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-01 16:39 (-4)	4.66		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-01 16:39 (-4)	0.481 (H)		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-01 16:39 (-4)	138		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-01 16:39 (-4)	0.04		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-01 16:39 (-4)	0.4		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071064	Leukocytes (10^9/L)	Screening	2020-06-01 16:39 (-4)	9.97		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-01 16:39 (-4)	2.12		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-01 16:39 (-4)	21.3		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-01 16:39 (-4)	0.60		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-01 16:39 (-4)	6.0		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-01 16:39 (-4)	7.02		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-01 16:39 (-4)	70.4		34 - 71
	Platelets (10^9/L)	Screening	2020-06-01 16:39 (-4)	230		163 - 375
US2071066	Basophils (10^9/L)	Screening	2020-06-01 17:48 (-8)	0.03		0 - 0.3
		Unscheduled	2020-06-05 (-4)	0.05		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-01 17:48 (-8)	0.3		0 - 3
		Unscheduled	2020-06-05 (-4)	0.5		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-01 17:48 (-8)	0.15		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071066	Eosinophils (10^9/L)	Unscheduled	2020-06-05 (-4)	0.09		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-01 17:48 (-8)	1.6		0 - 7
		Unscheduled	2020-06-05 (-4)	0.9		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-01 17:48 (-8)	5.41		4.63 - 6.08
		Unscheduled	2020-06-05 (-4)	5.85		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-01 17:48 (-8)	0.571 (H)		0.37 - 0.51
		Unscheduled	2020-06-05 (-4)	0.560 (H)		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-01 17:48 (-8)	159		125 - 170
		Unscheduled	2020-06-05 (-4)	172 (H)		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-01 17:48 (-8)	0.03		0 - 0.07
		Unscheduled	2020-06-05 (-4)	0.04		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-01 17:48 (-8)	0.3		0 - 1
		Unscheduled	2020-06-05 (-4)	0.4		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-01 17:48 (-8)	9.24		3.7 - 11
		Unscheduled	2020-06-05 (-4)	9.86		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-01 17:48 (-8)	2.22		0.9 - 3.6
		Unscheduled	2020-06-05 (-4)	2.53		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071066	Lymphocytes/Leukocytes (%)	Screening	2020-06-01 17:48 (-8)	24.0		12 - 46
		Unscheduled	2020-06-05 (-4)	25.7		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-01 17:48 (-8)	0.65		0 - 1.2
		Unscheduled	2020-06-05 (-4)	0.75		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-01 17:48 (-8)	7.0		0 - 11
		Unscheduled	2020-06-05 (-4)	7.6		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-01 17:48 (-8)	6.16		1.7 - 7.9
		Unscheduled	2020-06-05 (-4)	6.40		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-01 17:48 (-8)	66.8		34 - 71
		Unscheduled	2020-06-05 (-4)	64.9		34 - 71
	Platelets (10^9/L)	Screening	2020-06-01 17:48 (-8)	315		163 - 375
		Unscheduled	2020-06-05 (-4)	349		163 - 375
US2071070	Basophils (10^9/L)	Screening	2020-06-02 10:10 (-6)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-02 10:10 (-6)	0.9		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-02 10:10 (-6)	0.06		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071070	Eosinophils/Leukocytes (%)	Screening	2020-06-02 10:10 (-6)	1.3		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-02 10:10 (-6)	4.96		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-02 10:10 (-6)	0.459		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-02 10:10 (-6)	138		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-02 10:10 (-6)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-02 10:10 (-6)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-02 10:10 (-6)	4.46		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-02 10:10 (-6)	1.54		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-02 10:10 (-6)	34.5		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-02 10:10 (-6)	0.16		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-02 10:10 (-6)	3.6		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-02 10:10 (-6)	2.65		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071070	Neutrophils/Leukocytes (%)	Screening	2020-06-02 10:10 (-6)	59.5		34 - 71
	Platelets (10^9/L)	Screening	2020-06-02 10:10 (-6)	308		163 - 375
US2071072	Basophils (10^9/L)	Screening	2020-06-02 13:41 (-3)	0.05		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-02 13:41 (-3)	0.6		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-02 13:41 (-3)	0.10		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-02 13:41 (-3)	1.3		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-02 13:41 (-3)	4.66		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-02 13:41 (-3)	0.472 (H)		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-02 13:41 (-3)	144		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-02 13:41 (-3)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-02 13:41 (-3)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-02 13:41 (-3)	7.70		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071072	Lymphocytes (10^9/L)	Screening	2020-06-02 13:41 (-3)	2.01		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-02 13:41 (-3)	26.1		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-02 13:41 (-3)	0.48		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-02 13:41 (-3)	6.2		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-02 13:41 (-3)	5.04		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-02 13:41 (-3)	65.5		34 - 71
	Platelets (10^9/L)	Screening	2020-06-02 13:41 (-3)	252		163 - 375
US2081026	Basophils (10^9/L)	Screening	2020-05-29 07:45 (-6)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-29 07:45 (-6)	0.5		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-29 07:45 (-6)	0.13		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-29 07:45 (-6)	3.4		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-29 07:45 (-6)	4.12		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081026	Hematocrit (L/L)	Screening	2020-05-29 07:45 (-6)	0.428		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-29 07:45 (-6)	135		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-29 07:45 (-6)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-29 07:45 (-6)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-29 07:45 (-6)	3.80		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-29 07:45 (-6)	1.26		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-29 07:45 (-6)	33.2		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-29 07:45 (-6)	0.45		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-29 07:45 (-6)	11.8 (H)		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-29 07:45 (-6)	1.93	G1 Neutrophils Decreased	1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-29 07:45 (-6)	50.8		34 - 71
	Platelets (10^9/L)	Screening	2020-05-29 07:45 (-6)	304		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081033	Basophils (10^9/L)	Screening	2020-05-29 12:22 (-4)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-29 12:22 (-4)	0.6		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-29 12:22 (-4)	0.10		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-29 12:22 (-4)	1.4		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-29 12:22 (-4)	4.58		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-29 12:22 (-4)	0.452		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-29 12:22 (-4)	145		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-29 12:22 (-4)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-29 12:22 (-4)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-29 12:22 (-4)	7.10		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-29 12:22 (-4)	2.76		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-29 12:22 (-4)	38.9		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081033	Monocytes (10^9/L)	Screening	2020-05-29 12:22 (-4)	0.42		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-29 12:22 (-4)	5.9		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-29 12:22 (-4)	3.76		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-29 12:22 (-4)	52.9		34 - 71
	Platelets (10^9/L)	Screening	2020-05-29 12:22 (-4)	255		163 - 375
US2081038	Basophils (10^9/L)	Unscheduled	2020-06-04 06:30 (-4)	0.05		0 - 0.3
	Basophils/Leukocytes (%)	Unscheduled	2020-06-04 06:30 (-4)	1.0		0 - 3
	Eosinophils (10^9/L)	Unscheduled	2020-06-04 06:30 (-4)	0.38		0 - 0.8
	Eosinophils/Leukocytes (%)	Unscheduled	2020-06-04 06:30 (-4)	7.3 (H)		0 - 7
	Erythrocytes (10^12/L)	Unscheduled	2020-06-04 06:30 (-4)	5.25		4.63 - 6.08
	Hematocrit (L/L)	Unscheduled	2020-06-04 06:30 (-4)	0.505		0.37 - 0.51
	Hemoglobin (g/L)	Unscheduled	2020-06-04 06:30 (-4)	163		125 - 170

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081038	Immature Granulocytes (10^9/L)	Unscheduled	2020-06-04 06:30 (-4)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Unscheduled	2020-06-04 06:30 (-4)	0.2		0 - 1
	Leukocytes (10^9/L)	Unscheduled	2020-06-04 06:30 (-4)	5.21		3.7 - 11
	Lymphocytes (10^9/L)	Unscheduled	2020-06-04 06:30 (-4)	2.39		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Unscheduled	2020-06-04 06:30 (-4)	45.9		12 - 46
	Monocytes (10^9/L)	Unscheduled	2020-06-04 06:30 (-4)	0.48		0 - 1.2
	Monocytes/Leukocytes (%)	Unscheduled	2020-06-04 06:30 (-4)	9.2		0 - 11
	Neutrophils (10^9/L)	Unscheduled	2020-06-04 06:30 (-4)	1.90	G1 Neutrophils Decreased	1.7 - 7.9
	Neutrophils/Leukocytes (%)	Unscheduled	2020-06-04 06:30 (-4)	36.4		34 - 71
	Platelets (10^9/L)	Unscheduled	2020-06-04 06:30 (-4)	264		163 - 375
US2081042	Basophils (10^9/L)	Screening	2020-06-01 12:27 (-9)	0.06		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-01 12:27 (-9)	0.8		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081042	Eosinophils (10^9/L)	Screening	2020-06-01 12:27 (-9)	0.11		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-01 12:27 (-9)	1.5		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-01 12:27 (-9)	4.45		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-01 12:27 (-9)	0.461		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-01 12:27 (-9)	150		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-01 12:27 (-9)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-01 12:27 (-9)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-01 12:27 (-9)	7.29		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-01 12:27 (-9)	1.73		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-01 12:27 (-9)	23.7		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-01 12:27 (-9)	0.79		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-01 12:27 (-9)	10.8		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081042	Neutrophils (10^9/L)	Screening	2020-06-01 12:27 (-9)	4.58		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-01 12:27 (-9)	62.9		34 - 71
	Platelets (10^9/L)	Screening	2020-06-01 12:27 (-9)	347		163 - 375
US2081046	Basophils (10^9/L)	Screening	2020-06-02 07:53 (-6)	0.05		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-02 07:53 (-6)	1.0		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-02 07:53 (-6)	0.14		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-02 07:53 (-6)	2.7		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-02 07:53 (-6)	5.13		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-02 07:53 (-6)	0.502		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-02 07:53 (-6)	159		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-02 07:53 (-6)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-02 07:53 (-6)	0.2		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081046	Leukocytes (10^9/L)	Screening	2020-06-02 07:53 (-6)	5.10		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-02 07:53 (-6)	1.73		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-02 07:53 (-6)	33.9		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-02 07:53 (-6)	0.31		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-02 07:53 (-6)	6.1		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-02 07:53 (-6)	2.86		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-02 07:53 (-6)	56.1		34 - 71
	Platelets (10^9/L)	Screening	2020-06-02 07:53 (-6)	198		163 - 375
US2081049	Basophils (10^9/L)	Screening	2020-06-02 10:49 (-7)	0.08		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-02 10:49 (-7)	1.4		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-02 10:49 (-7)	0.11		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-02 10:49 (-7)	1.9		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081049	Erythrocytes (10^12/L)	Screening	2020-06-02 10:49 (-7)	4.44		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-02 10:49 (-7)	0.467		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-02 10:49 (-7)	143		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-02 10:49 (-7)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-02 10:49 (-7)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-02 10:49 (-7)	5.87		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-02 10:49 (-7)	1.89		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-02 10:49 (-7)	32.2		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-02 10:49 (-7)	0.68		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-02 10:49 (-7)	11.6 (H)		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-02 10:49 (-7)	3.10		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-02 10:49 (-7)	52.7		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081049	Platelets (10^9/L)	Screening	2020-06-02 10:49 (-7)	284		163 - 375
US2081057	Basophils (10^9/L)	Screening	2020-06-03 15:44 (-2)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-03 15:44 (-2)	0.3		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-03 15:44 (-2)	0.08		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-03 15:44 (-2)	0.9		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-03 15:44 (-2)	4.64		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-03 15:44 (-2)	0.455		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-03 15:44 (-2)	144		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-03 15:44 (-2)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-03 15:44 (-2)	0.1		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-03 15:44 (-2)	9.40		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-03 15:44 (-2)	1.87		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081057	Lymphocytes/Leukocytes (%)	Screening	2020-06-03 15:44 (-2)	19.9		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-03 15:44 (-2)	0.60		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-03 15:44 (-2)	6.4		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-03 15:44 (-2)	6.81		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-03 15:44 (-2)	72.4 (H)		34 - 71
	Platelets (10^9/L)	Screening	2020-06-03 15:44 (-2)	272		163 - 375
US2081058	Basophils (10^9/L)	Screening	2020-06-04 09:07 (-4)	0.03		0 - 0.3
		Day 29	2020-07-06 (29)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-04 09:07 (-4)	0.5		0 - 3
		Day 29	2020-07-06 (29)	0.5		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-04 09:07 (-4)	0.13		0 - 0.8
		Day 29	2020-07-06 (29)	0.11		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-04 09:07 (-4)	2.3		0 - 7
		Day 29	2020-07-06 (29)	1.9		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081058	Erythrocytes (10^12/L)	Screening	2020-06-04 09:07 (-4)	4.65		3.7 - 5.2
		Day 29	2020-07-06 (29)	4.34		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-04 09:07 (-4)	0.449		0.33 - 0.47
		Day 29	2020-07-06 (29)	0.423		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-04 09:07 (-4)	140		110 - 155
		Day 29	2020-07-06 (29)	128	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-04 09:07 (-4)	0.05		0 - 0.07
		Day 29	2020-07-06 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-04 09:07 (-4)	0.9		0 - 1
		Day 29	2020-07-06 (29)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-04 09:07 (-4)	5.59		3.7 - 11
		Day 29	2020-07-06 (29)	5.65		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-04 09:07 (-4)	1.56		0.9 - 3.6
		Day 29	2020-07-06 (29)	1.56		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-04 09:07 (-4)	27.9		12 - 46
		Day 29	2020-07-06 (29)	27.6		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081058	Monocytes (10^9/L)	Screening	2020-06-04 09:07 (-4)	0.38		0 - 1.2
		Day 29	2020-07-06 (29)	0.43		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-04 09:07 (-4)	6.8		0 - 11
		Day 29	2020-07-06 (29)	7.6		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-04 09:07 (-4)	3.44		1.7 - 7.9
		Day 29	2020-07-06 (29)	3.51		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-04 09:07 (-4)	61.6		34 - 71
		Day 29	2020-07-06 (29)	62.2		34 - 71
	Platelets (10^9/L)	Screening	2020-06-04 09:07 (-4)	302		163 - 375
		Day 29	2020-07-06 (29)	271		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011020	Basophils (10^9/L)	Screening	2020-05-26 18:00 (-6)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-26 18:00 (-6)	0.2		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-26 18:00 (-6)	0.18		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-26 18:00 (-6)	2.8		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-26 18:00 (-6)	3.86		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-26 18:00 (-6)	0.390		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-26 18:00 (-6)	128		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-26 18:00 (-6)	0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-26 18:00 (-6)	0.5		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-26 18:00 (-6)	6.37		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-26 18:00 (-6)	2.10		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-26 18:00 (-6)	33.0		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011020	Monocytes (10^9/L)	Screening	2020-05-26 18:00 (-6)	0.32		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-26 18:00 (-6)	5.0		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-26 18:00 (-6)	3.73		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-26 18:00 (-6)	58.5		34 - 71
	Platelets (10^9/L)	Screening	2020-05-26 18:00 (-6)	165		163 - 375
US2011029	Basophils (10^9/L)	Screening	2020-05-27 11:05 (-5)	0.07		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-27 11:05 (-5)	1.5		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-27 11:05 (-5)	0.29		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-27 11:05 (-5)	6.3		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-27 11:05 (-5)	4.62		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-27 11:05 (-5)	0.448		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-27 11:05 (-5)	140		110 - 155

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011029	Immature Granulocytes (10^9/L)	Screening	2020-05-27 11:05 (-5)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-27 11:05 (-5)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-27 11:05 (-5)	4.61		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-27 11:05 (-5)	2.05		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-27 11:05 (-5)	44.5		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-27 11:05 (-5)	0.34		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-27 11:05 (-5)	7.4		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-27 11:05 (-5)	1.85	G1 Neutrophils Decreased	1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-27 11:05 (-5)	40.1		34 - 71
	Platelets (10^9/L)	Screening	2020-05-27 11:05 (-5)	163		163 - 375
US2011048	Basophils (10^9/L)	Screening	2020-05-27 16:13 (-5)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-27 16:13 (-5)	0.5		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011048	Eosinophils (10^9/L)	Screening	2020-05-27 16:13 (-5)	0.07		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-27 16:13 (-5)	0.9		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-27 16:13 (-5)	4.34		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-27 16:13 (-5)	0.428		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-27 16:13 (-5)	138		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-27 16:13 (-5)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-27 16:13 (-5)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-27 16:13 (-5)	7.99		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-27 16:13 (-5)	1.24		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-27 16:13 (-5)	15.5		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-27 16:13 (-5)	0.41		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-27 16:13 (-5)	5.1		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011048	Neutrophils (10^9/L)	Screening	2020-05-27 16:13 (-5)	6.21		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-27 16:13 (-5)	77.7 (H)		34 - 71
	Platelets (10^9/L)	Screening	2020-05-27 16:13 (-5)	444 (H)		163 - 375
US2011051	Basophils (10^9/L)	Screening	2020-05-27 17:05 (-6)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-27 17:05 (-6)	0.6		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-27 17:05 (-6)	0.11		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-27 17:05 (-6)	2.3		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-27 17:05 (-6)	5.14		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-27 17:05 (-6)	0.421		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-27 17:05 (-6)	133		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-27 17:05 (-6)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-27 17:05 (-6)	0.2		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011051	Leukocytes (10^9/L)	Screening	2020-05-27 17:05 (-6)	4.85		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-27 17:05 (-6)	1.94		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-27 17:05 (-6)	40.0		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-27 17:05 (-6)	0.29		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-27 17:05 (-6)	6.0		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-27 17:05 (-6)	2.47		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-27 17:05 (-6)	50.9		34 - 71
	Platelets (10^9/L)	Screening	2020-05-27 17:05 (-6)	327		163 - 375
US2011055	Basophils (10^9/L)	Screening	2020-05-28 08:34 (-5)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-28 08:34 (-5)	0.6		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-28 08:34 (-5)	0.07		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-28 08:34 (-5)	1.0		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011055	Erythrocytes (10^12/L)	Screening	2020-05-28 08:34 (-5)	4.85		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-28 08:34 (-5)	0.461		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-28 08:34 (-5)	145		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-28 08:34 (-5)	0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-28 08:34 (-5)	0.4		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-28 08:34 (-5)	7.26		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-28 08:34 (-5)	2.00		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-28 08:34 (-5)	27.5		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-28 08:34 (-5)	0.54		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-28 08:34 (-5)	7.4		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-28 08:34 (-5)	4.58		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-28 08:34 (-5)	63.1		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011055	Platelets (10^9/L)	Screening	2020-05-28 08:34 (-5)	273		163 - 375
US2011061	Basophils (10^9/L)	Screening	2020-05-28 10:32 (-6)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-28 10:32 (-6)	0.3		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-28 10:32 (-6)	0.14		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-28 10:32 (-6)	1.9		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-28 10:32 (-6)	5.60		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-05-28 10:32 (-6)	0.509		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-05-28 10:32 (-6)	165		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-05-28 10:32 (-6)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-28 10:32 (-6)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-28 10:32 (-6)	7.31		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-28 10:32 (-6)	1.81		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011061	Lymphocytes/Leukocytes (%)	Screening	2020-05-28 10:32 (-6)	24.8		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-28 10:32 (-6)	0.69		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-28 10:32 (-6)	9.4		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-28 10:32 (-6)	4.63		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-28 10:32 (-6)	63.3		34 - 71
	Platelets (10^9/L)	Screening	2020-05-28 10:32 (-6)	261		163 - 375
US2011084	Basophils (10^9/L)	Screening	2020-05-29 14:01 (-4)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-29 14:01 (-4)	0.7		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-29 14:01 (-4)	0.07		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-29 14:01 (-4)	1.6		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-29 14:01 (-4)	4.89		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-05-29 14:01 (-4)	0.419		0.37 - 0.51

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011084	Hemoglobin (g/L)	Screening	2020-05-29 14:01 (-4)	127	G1 Hemoglobin Decreased	125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-05-29 14:01 (-4)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-29 14:01 (-4)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-29 14:01 (-4)	4.27		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-29 14:01 (-4)	1.74		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-29 14:01 (-4)	40.7		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-29 14:01 (-4)	0.41		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-29 14:01 (-4)	9.6		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-29 14:01 (-4)	2.01		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-29 14:01 (-4)	47.2		34 - 71
	Platelets (10^9/L)	Screening	2020-05-29 14:01 (-4)	258		163 - 375
US2011087	Basophils (10^9/L)	Screening	2020-05-29 17:53 (-5)	0.04		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011087	Basophils/Leukocytes (%)	Screening	2020-05-29 17:53 (-5)	0.4		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-29 17:53 (-5)	0.12		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-29 17:53 (-5)	1.3		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-29 17:53 (-5)	4.84		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-05-29 17:53 (-5)	0.466		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-05-29 17:53 (-5)	147		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-05-29 17:53 (-5)	0.05		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-29 17:53 (-5)	0.5		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-29 17:53 (-5)	9.17		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-29 17:53 (-5)	1.88		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-29 17:53 (-5)	20.5		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-29 17:53 (-5)	0.69		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011087	Monocytes/Leukocytes (%)	Screening	2020-05-29 17:53 (-5)	7.5		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-29 17:53 (-5)	6.39		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-29 17:53 (-5)	69.8		34 - 71
	Platelets (10^9/L)	Screening	2020-05-29 17:53 (-5)	252		163 - 375
US2011090	Basophils (10^9/L)	Screening	2020-06-01 11:41 (-3)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-01 11:41 (-3)	0.5		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-01 11:41 (-3)	0.14		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-01 11:41 (-3)	1.9		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-01 11:41 (-3)	5.71		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-01 11:41 (-3)	0.530 (H)		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-01 11:41 (-3)	164		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-01 11:41 (-3)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011090	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-01 11:41 (-3)	0.1		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-01 11:41 (-3)	7.44		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-01 11:41 (-3)	1.75		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-01 11:41 (-3)	23.5		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-01 11:41 (-3)	0.55		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-01 11:41 (-3)	7.4		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-01 11:41 (-3)	4.95		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-01 11:41 (-3)	66.6		34 - 71
	Platelets (10^9/L)	Screening	2020-06-01 11:41 (-3)	274		163 - 375
US2011091	Basophils (10^9/L)	Screening	2020-06-01 11:56 (-3)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-01 11:56 (-3)	0.7		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-01 11:56 (-3)	0.10		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011091	Eosinophils/Leukocytes (%)	Screening	2020-06-01 11:56 (-3)	1.7		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-01 11:56 (-3)	4.20		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-01 11:56 (-3)	0.417		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-01 11:56 (-3)	136		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-01 11:56 (-3)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-01 11:56 (-3)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-01 11:56 (-3)	5.99		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-01 11:56 (-3)	1.52		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-01 11:56 (-3)	25.4		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-01 11:56 (-3)	0.57		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-01 11:56 (-3)	9.5		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-01 11:56 (-3)	3.74		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011091	Neutrophils/Leukocytes (%)	Screening	2020-06-01 11:56 (-3)	62.4		34 - 71
	Platelets (10^9/L)	Screening	2020-06-01 11:56 (-3)	290		163 - 375
US2011092	Basophils (10^9/L)	Screening	2020-06-02 15:03 (-3)	0.06		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-02 15:03 (-3)	1.2		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-02 15:03 (-3)	0.27		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-02 15:03 (-3)	5.5		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-02 15:03 (-3)	4.44		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-02 15:03 (-3)	0.411		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-02 15:03 (-3)	124		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-02 15:03 (-3)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-02 15:03 (-3)	0.4		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-02 15:03 (-3)	4.93		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011092	Lymphocytes (10^9/L)	Screening	2020-06-02 15:03 (-3)	1.26		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-02 15:03 (-3)	25.6		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-02 15:03 (-3)	0.38		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-02 15:03 (-3)	7.7		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-02 15:03 (-3)	2.94		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-02 15:03 (-3)	59.6		34 - 71
	Platelets (10^9/L)	Screening	2020-06-02 15:03 (-3)	230		163 - 375
US2011093	Basophils (10^9/L)	Screening	2020-06-02 17:06 (-6)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-02 17:06 (-6)	0.6		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-02 17:06 (-6)	<0.03		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-02 17:06 (-6)	0.0		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-02 17:06 (-6)	4.92		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011093	Hematocrit (L/L)	Screening	2020-06-02 17:06 (-6)	0.467		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-02 17:06 (-6)	144		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-02 17:06 (-6)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-02 17:06 (-6)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-02 17:06 (-6)	6.16		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-02 17:06 (-6)	1.82		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-02 17:06 (-6)	29.5		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-02 17:06 (-6)	0.48		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-02 17:06 (-6)	7.8		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-02 17:06 (-6)	3.81		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-02 17:06 (-6)	61.9		34 - 71
	Platelets (10^9/L)	Screening	2020-06-02 17:06 (-6)	219		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011095	Basophils (10^9/L)	Screening	2020-06-03 13:00 (-2)	0.06		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-03 13:00 (-2)	1.1		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-03 13:00 (-2)	0.11		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-03 13:00 (-2)	2.0		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-03 13:00 (-2)	4.60		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-03 13:00 (-2)	0.454		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-03 13:00 (-2)	138		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-03 13:00 (-2)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-03 13:00 (-2)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-03 13:00 (-2)	5.53		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-03 13:00 (-2)	2.39		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-03 13:00 (-2)	43.2		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011095	Monocytes (10^9/L)	Screening	2020-06-03 13:00 (-2)	0.42		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-03 13:00 (-2)	7.6		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-03 13:00 (-2)	2.54		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-03 13:00 (-2)	45.9		34 - 71
	Platelets (10^9/L)	Screening	2020-06-03 13:00 (-2)	178		163 - 375
US2011102	Basophils (10^9/L)	Screening	2020-06-05 14:03 (-3)	0.07		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-05 14:03 (-3)	1.4		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-05 14:03 (-3)	0.04		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-05 14:03 (-3)	0.8		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-05 14:03 (-3)	5.55		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-05 14:03 (-3)	0.504		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-05 14:03 (-3)	159		125 - 170

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011102	Immature Granulocytes (10^9/L)	Screening	2020-06-05 14:03 (-3)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-05 14:03 (-3)	0.4		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-05 14:03 (-3)	4.96		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-05 14:03 (-3)	1.56		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-05 14:03 (-3)	31.5		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-05 14:03 (-3)	0.41		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-05 14:03 (-3)	8.3		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-05 14:03 (-3)	2.86		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-05 14:03 (-3)	57.6		34 - 71
	Platelets (10^9/L)	Screening	2020-06-05 14:03 (-3)	232		163 - 375
US2021058	Basophils (10^9/L)	Screening	2020-05-27 13:51 (-9)	0.06		0 - 0.3
		Unscheduled	2020-06-01 11:43 (-4)	0.05		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021058	Basophils/Leukocytes (%)	Screening	2020-05-27 13:51 (-9)	1.0		0 - 3
		Unscheduled	2020-06-01 11:43 (-4)	1.1		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-27 13:51 (-9)	0.07		0 - 0.8
		Unscheduled	2020-06-01 11:43 (-4)	0.06		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-27 13:51 (-9)	1.2		0 - 7
		Unscheduled	2020-06-01 11:43 (-4)	1.4		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-27 13:51 (-9)	4.32		3.7 - 5.2
		Unscheduled	2020-06-01 11:43 (-4)	4.39		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-27 13:51 (-9)	0.434		0.33 - 0.47
		Unscheduled	2020-06-01 11:43 (-4)	0.440		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-27 13:51 (-9)	135		110 - 155
		Unscheduled	2020-06-01 11:43 (-4)	136		110 - 155

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021058	Immature Granulocytes (10^9/L)	Screening	2020-05-27 13:51 (-9)	<0.03		0 - 0.07
		Unscheduled	2020-06-01 11:43 (-4)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-27 13:51 (-9)	0.2		0 - 1
		Unscheduled	2020-06-01 11:43 (-4)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-27 13:51 (-9)	5.75		3.7 - 11
		Unscheduled	2020-06-01 11:43 (-4)	4.43		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-27 13:51 (-9)	2.39		0.9 - 3.6
		Unscheduled	2020-06-01 11:43 (-4)	2.19		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-27 13:51 (-9)	41.6		12 - 46
		Unscheduled	2020-06-01 11:43 (-4)	49.4 (H)		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-27 13:51 (-9)	0.33		0 - 1.2
		Unscheduled	2020-06-01 11:43 (-4)	0.27		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021058	Monocytes/Leukocytes (%)	Screening	2020-05-27 13:51 (-9)	5.7		0 - 11
		Unscheduled	2020-06-01 11:43 (-4)	6.1		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-27 13:51 (-9)	2.89		1.7 - 7.9
		Unscheduled	2020-06-01 11:43 (-4)	1.85	G1 Neutrophils Decreased	1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-27 13:51 (-9)	50.3		34 - 71
		Unscheduled	2020-06-01 11:43 (-4)	41.8		34 - 71
	Platelets (10^9/L)	Screening	2020-05-27 13:51 (-9)	213		163 - 375
		Unscheduled	2020-06-01 11:43 (-4)	212		163 - 375
US2021064	Basophils (10^9/L)	Screening	2020-05-27 15:22 (-12)	0.04		0 - 0.3
		Unscheduled	2020-06-02 08:12 (-6)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-27 15:22 (-12)	0.6		0 - 3
		Unscheduled	2020-06-02 08:12 (-6)	0.6		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021064	Eosinophils (10^9/L)	Screening	2020-05-27 15:22 (-12)	0.07		0 - 0.8
		Unscheduled	2020-06-02 08:12 (-6)	0.10		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-27 15:22 (-12)	1.0		0 - 7
		Unscheduled	2020-06-02 08:12 (-6)	1.6		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-27 15:22 (-12)	4.18		3.7 - 5.2
		Unscheduled	2020-06-02 08:12 (-6)	4.14		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-27 15:22 (-12)	0.418		0.33 - 0.47
		Unscheduled	2020-06-02 08:12 (-6)	0.442		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-27 15:22 (-12)	133		110 - 155
		Unscheduled	2020-06-02 08:12 (-6)	134		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-27 15:22 (-12)	<0.03		0 - 0.07
		Unscheduled	2020-06-02 08:12 (-6)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021064	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-27 15:22 (-12)	0.3		0 - 1
		Unscheduled	2020-06-02 08:12 (-6)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-27 15:22 (-12)	6.68		3.7 - 11
		Unscheduled	2020-06-02 08:12 (-6)	6.16		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-27 15:22 (-12)	2.31		0.9 - 3.6
		Unscheduled	2020-06-02 08:12 (-6)	2.35		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-27 15:22 (-12)	34.6		12 - 46
		Unscheduled	2020-06-02 08:12 (-6)	38.1		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-27 15:22 (-12)	0.49		0 - 1.2
		Unscheduled	2020-06-02 08:12 (-6)	0.44		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-27 15:22 (-12)	7.3		0 - 11
		Unscheduled	2020-06-02 08:12 (-6)	7.1		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021064	Neutrophils (10^9/L)	Screening	2020-05-27 15:22 (-12)	3.75		1.7 - 7.9
		Unscheduled	2020-06-02 08:12 (-6)	3.21		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-27 15:22 (-12)	56.2		34 - 71
		Unscheduled	2020-06-02 08:12 (-6)	52.3		34 - 71
	Platelets (10^9/L)	Screening	2020-05-27 15:22 (-12)	334		163 - 375
		Unscheduled	2020-06-02 08:12 (-6)	310		163 - 375
US2021084	Basophils (10^9/L)	Unscheduled	2020-06-02 13:58 (-3)	0.07		0 - 0.3
	Basophils/Leukocytes (%)	Unscheduled	2020-06-02 13:58 (-3)	1.1		0 - 3
	Eosinophils (10^9/L)	Unscheduled	2020-06-02 13:58 (-3)	0.18		0 - 0.8
	Eosinophils/Leukocytes (%)	Unscheduled	2020-06-02 13:58 (-3)	2.8		0 - 7
	Erythrocytes (10^12/L)	Unscheduled	2020-06-02 13:58 (-3)	5.39		4.63 - 6.08
	Hematocrit (L/L)	Unscheduled	2020-06-02 13:58 (-3)	0.491		0.37 - 0.51

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021084	Hemoglobin (g/L)	Unscheduled	2020-06-02 13:58 (-3)	155		125 - 170
	Immature Granulocytes (10^9/L)	Unscheduled	2020-06-02 13:58 (-3)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Unscheduled	2020-06-02 13:58 (-3)	0.2		0 - 1
	Leukocytes (10^9/L)	Unscheduled	2020-06-02 13:58 (-3)	6.38		3.7 - 11
	Lymphocytes (10^9/L)	Unscheduled	2020-06-02 13:58 (-3)	1.17		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Unscheduled	2020-06-02 13:58 (-3)	18.3		12 - 46
	Monocytes (10^9/L)	Unscheduled	2020-06-02 13:58 (-3)	0.44		0 - 1.2
	Monocytes/Leukocytes (%)	Unscheduled	2020-06-02 13:58 (-3)	6.9		0 - 11
	Neutrophils (10^9/L)	Unscheduled	2020-06-02 13:58 (-3)	4.51		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Unscheduled	2020-06-02 13:58 (-3)	70.7		34 - 71
	Platelets (10^9/L)	Unscheduled	2020-06-02 13:58 (-3)	207		163 - 375
US2021090	Basophils (10^9/L)	Screening	2020-05-28 13:00 (-5)	0.05		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021090	Basophils/Leukocytes (%)	Screening	2020-05-28 13:00 (-5)	0.7		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-28 13:00 (-5)	0.19		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-28 13:00 (-5)	2.5		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-28 13:00 (-5)	4.53		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-28 13:00 (-5)	0.437		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-28 13:00 (-5)	134		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-28 13:00 (-5)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-28 13:00 (-5)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-28 13:00 (-5)	7.47		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-28 13:00 (-5)	2.37		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-28 13:00 (-5)	31.7		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-28 13:00 (-5)	0.43		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021090	Monocytes/Leukocytes (%)	Screening	2020-05-28 13:00 (-5)	5.8		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-28 13:00 (-5)	4.41		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-28 13:00 (-5)	59.0		34 - 71
	Platelets (10^9/L)	Screening	2020-05-28 13:00 (-5)	266		163 - 375
US2021147	Basophils (10^9/L)	Screening	2020-06-02 18:24 (-3)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-02 18:24 (-3)	0.4		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-02 18:24 (-3)	0.14		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-02 18:24 (-3)	2.6		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-02 18:24 (-3)	4.90		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-02 18:24 (-3)	0.497		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-02 18:24 (-3)	155		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-02 18:24 (-3)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021147	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-02 18:24 (-3)	0.4		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-02 18:24 (-3)	5.32		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-02 18:24 (-3)	1.61		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-02 18:24 (-3)	30.3		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-02 18:24 (-3)	0.40		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-02 18:24 (-3)	7.5		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-02 18:24 (-3)	3.13		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-02 18:24 (-3)	58.8		34 - 71
	Platelets (10^9/L)	Screening	2020-06-02 18:24 (-3)	206		163 - 375
US2021166	Basophils (10^9/L)	Screening	2020-06-03 17:28 (-2)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-03 17:28 (-2)	0.4		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-03 17:28 (-2)	0.16		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021166	Eosinophils/Leukocytes (%)	Screening	2020-06-03 17:28 (-2)	1.8		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-03 17:28 (-2)	3.99		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-03 17:28 (-2)	0.401		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-03 17:28 (-2)	125		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-03 17:28 (-2)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-03 17:28 (-2)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-03 17:28 (-2)	9.03		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-03 17:28 (-2)	2.75		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-03 17:28 (-2)	30.5		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-03 17:28 (-2)	0.45		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-03 17:28 (-2)	5.0		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-03 17:28 (-2)	5.61		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021166	Neutrophils/Leukocytes (%)	Screening	2020-06-03 17:28 (-2)	62.1		34 - 71
	Platelets (10^9/L)	Screening	2020-06-03 17:28 (-2)	242		163 - 375
US2021167	Basophils (10^9/L)	Screening	2020-06-03 17:02 (-5)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-03 17:02 (-5)	0.4		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-03 17:02 (-5)	0.12		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-03 17:02 (-5)	1.2		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-03 17:02 (-5)	4.94		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-03 17:02 (-5)	0.480 (H)		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-03 17:02 (-5)	147		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-03 17:02 (-5)	0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-03 17:02 (-5)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-03 17:02 (-5)	10.03		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021167	Lymphocytes (10^9/L)	Screening	2020-06-03 17:02 (-5)	2.82		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-03 17:02 (-5)	28.1		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-03 17:02 (-5)	0.88		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-03 17:02 (-5)	8.8		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-03 17:02 (-5)	6.14		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-03 17:02 (-5)	61.2		34 - 71
	Platelets (10^9/L)	Screening	2020-06-03 17:02 (-5)	228		163 - 375
US2021179	Basophils (10^9/L)	Screening	2020-06-05 10:49 (-3)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-05 10:49 (-3)	0.6		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-05 10:49 (-3)	0.13		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-05 10:49 (-3)	2.6		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-05 10:49 (-3)	4.21		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021179	Hematocrit (L/L)	Screening	2020-06-05 10:49 (-3)	0.452		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-05 10:49 (-3)	135		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-05 10:49 (-3)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-05 10:49 (-3)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-05 10:49 (-3)	4.98		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-05 10:49 (-3)	1.79		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-05 10:49 (-3)	35.9		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-05 10:49 (-3)	0.21		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-05 10:49 (-3)	4.2		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-05 10:49 (-3)	2.81		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-05 10:49 (-3)	56.5		34 - 71
	Platelets (10^9/L)	Screening	2020-06-05 10:49 (-3)	199		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031002	Basophils (10^9/L)	Screening	2020-05-26 08:34 (-3)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-26 08:34 (-3)	0.6		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-26 08:34 (-3)	0.06		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-26 08:34 (-3)	1.2		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-26 08:34 (-3)	4.24		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-26 08:34 (-3)	0.393		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-26 08:34 (-3)	119	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-26 08:34 (-3)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-26 08:34 (-3)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-26 08:34 (-3)	5.03		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-26 08:34 (-3)	1.50		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-26 08:34 (-3)	29.8		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031002	Monocytes (10^9/L)	Screening	2020-05-26 08:34 (-3)	0.34		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-26 08:34 (-3)	6.8		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-26 08:34 (-3)	3.09		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-26 08:34 (-3)	61.4		34 - 71
	Platelets (10^9/L)	Screening	2020-05-26 08:34 (-3)	309		163 - 375
US2031004	Basophils (10^9/L)	Screening	2020-05-26 09:25 (-3)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-26 09:25 (-3)	0.4		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-26 09:25 (-3)	0.17		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-26 09:25 (-3)	3.8		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-26 09:25 (-3)	4.25		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-26 09:25 (-3)	0.402		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-26 09:25 (-3)	130		110 - 155

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031004	Immature Granulocytes (10^9/L)	Screening	2020-05-26 09:25 (-3)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-26 09:25 (-3)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-26 09:25 (-3)	4.49		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-26 09:25 (-3)	1.58		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-26 09:25 (-3)	35.2		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-26 09:25 (-3)	0.36		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-26 09:25 (-3)	8.0		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-26 09:25 (-3)	2.35		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-26 09:25 (-3)	52.4		34 - 71
	Platelets (10^9/L)	Screening	2020-05-26 09:25 (-3)	219		163 - 375
US2031011	Basophils (10^9/L)	Screening	2020-05-26 11:08 (-3)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-26 11:08 (-3)	0.8		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031011	Eosinophils (10^9/L)	Screening	2020-05-26 11:08 (-3)	0.03		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-26 11:08 (-3)	0.8		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-26 11:08 (-3)	4.14		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-26 11:08 (-3)	0.423		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-26 11:08 (-3)	137		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-26 11:08 (-3)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-26 11:08 (-3)	0.0		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-26 11:08 (-3)	3.84		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-26 11:08 (-3)	1.39		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-26 11:08 (-3)	36.2		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-26 11:08 (-3)	0.27		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-26 11:08 (-3)	7.0		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031011	Neutrophils (10^9/L)	Screening	2020-05-26 11:08 (-3)	2.12		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-26 11:08 (-3)	55.2		34 - 71
	Platelets (10^9/L)	Screening	2020-05-26 11:08 (-3)	248		163 - 375
US2031016	Basophils (10^9/L)	Screening	2020-05-26 12:01 (-9)	0.03		0 - 0.3
		Unscheduled	2020-06-01 15:47 (-3)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-26 12:01 (-9)	0.5		0 - 3
		Unscheduled	2020-06-01 15:47 (-3)	0.6		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-26 12:01 (-9)	0.13		0 - 0.8
		Unscheduled	2020-06-01 15:47 (-3)	0.08		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-26 12:01 (-9)	2.3		0 - 7
		Unscheduled	2020-06-01 15:47 (-3)	1.3		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-26 12:01 (-9)	5.25		4.63 - 6.08

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031016	Erythrocytes (10^12/L)	Unscheduled	2020-06-01 15:47 (-3)	5.19		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-05-26 12:01 (-9)	0.464		0.37 - 0.51
		Unscheduled	2020-06-01 15:47 (-3)	0.512 (H)		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-05-26 12:01 (-9)	153		125 - 170
		Unscheduled	2020-06-01 15:47 (-3)	153		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-05-26 12:01 (-9)	<0.03		0 - 0.07
		Unscheduled	2020-06-01 15:47 (-3)	0.08 (H)		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-26 12:01 (-9)	0.2		0 - 1
		Unscheduled	2020-06-01 15:47 (-3)	1.3 (H)		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-26 12:01 (-9)	5.56		3.7 - 11
		Unscheduled	2020-06-01 15:47 (-3)	6.30		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-26 12:01 (-9)	2.39		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031016	Lymphocytes (10^9/L)	Unscheduled	2020-06-01 15:47 (-3)	1.82		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-26 12:01 (-9)	43.0		12 - 46
		Unscheduled	2020-06-01 15:47 (-3)	28.9		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-26 12:01 (-9)	0.50		0 - 1.2
		Unscheduled	2020-06-01 15:47 (-3)	0.76		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-26 12:01 (-9)	9.0		0 - 11
		Unscheduled	2020-06-01 15:47 (-3)	12.1 (H)		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-26 12:01 (-9)	2.50		1.7 - 7.9
		Unscheduled	2020-06-01 15:47 (-3)	3.52		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-26 12:01 (-9)	45.0		34 - 71
		Unscheduled	2020-06-01 15:47 (-3)	55.8		34 - 71
	Platelets (10^9/L)	Screening	2020-05-26 12:01 (-9)	262		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031016	Platelets (10^9/L)	Unscheduled	2020-06-01 15:47 (-3)	237		163 - 375
US2031030	Basophils (10^9/L)	Screening	2020-05-27 09:12 (-7)	0.05		0 - 0.3
		Unscheduled	2020-06-01 10:25 (-2)	0.05		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-27 09:12 (-7)	0.6		0 - 3
		Unscheduled	2020-06-01 10:25 (-2)	0.7		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-27 09:12 (-7)	0.25		0 - 0.8
		Unscheduled	2020-06-01 10:25 (-2)	0.23		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-27 09:12 (-7)	2.8		0 - 7
		Unscheduled	2020-06-01 10:25 (-2)	3.3		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-27 09:12 (-7)	4.77		3.7 - 5.2
		Unscheduled	2020-06-01 10:25 (-2)	4.80		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-27 09:12 (-7)	0.454		0.33 - 0.47

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031030	Hematocrit (L/L)	Unscheduled	2020-06-01 10:25 (-2)	0.463		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-27 09:12 (-7)	137		110 - 155
		Unscheduled	2020-06-01 10:25 (-2)	140		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-27 09:12 (-7)	<0.03		0 - 0.07
		Unscheduled	2020-06-01 10:25 (-2)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-27 09:12 (-7)	0.1		0 - 1
		Unscheduled	2020-06-01 10:25 (-2)	0.1		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-27 09:12 (-7)	8.78		3.7 - 11
		Unscheduled	2020-06-01 10:25 (-2)	7.06		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-27 09:12 (-7)	1.61		0.9 - 3.6
		Unscheduled	2020-06-01 10:25 (-2)	2.16		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-27 09:12 (-7)	18.3		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031030	Lymphocytes/Leukocytes (%)	Unscheduled	2020-06-01 10:25 (-2)	30.6		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-27 09:12 (-7)	0.67		0 - 1.2
		Unscheduled	2020-06-01 10:25 (-2)	0.54		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-27 09:12 (-7)	7.6		0 - 11
		Unscheduled	2020-06-01 10:25 (-2)	7.6		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-27 09:12 (-7)	6.19		1.7 - 7.9
		Unscheduled	2020-06-01 10:25 (-2)	4.07		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-27 09:12 (-7)	70.6		34 - 71
		Unscheduled	2020-06-01 10:25 (-2)	57.7		34 - 71
	Platelets (10^9/L)	Screening	2020-05-27 09:12 (-7)	253		163 - 375
		Unscheduled	2020-06-01 10:25 (-2)	274		163 - 375
US2031042	Basophils (10^9/L)	Screening	2020-05-27 15:16 (-8)	0.03		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031042	Basophils (10^9/L)	Unscheduled	2020-06-01 12:32 (-3)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-27 15:16 (-8)	0.4		0 - 3
		Unscheduled	2020-06-01 12:32 (-3)	0.3		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-27 15:16 (-8)	0.06		0 - 0.8
		Unscheduled	2020-06-01 12:32 (-3)	0.27		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-27 15:16 (-8)	0.8		0 - 7
		Unscheduled	2020-06-01 12:32 (-3)	3.0		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-27 15:16 (-8)	4.46		3.7 - 5.2
		Unscheduled	2020-06-01 12:32 (-3)	4.53		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-27 15:16 (-8)	0.437		0.33 - 0.47
		Unscheduled	2020-06-01 12:32 (-3)	0.445		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-27 15:16 (-8)	131		110 - 155

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031042	Hemoglobin (g/L)	Unscheduled	2020-06-01 12:32 (-3)	135		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-27 15:16 (-8)	<0.03		0 - 0.07
		Unscheduled	2020-06-01 12:32 (-3)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-27 15:16 (-8)	0.3		0 - 1
		Unscheduled	2020-06-01 12:32 (-3)	0.1		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-27 15:16 (-8)	7.69		3.7 - 11
		Unscheduled	2020-06-01 12:32 (-3)	9.00		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-27 15:16 (-8)	2.51		0.9 - 3.6
		Unscheduled	2020-06-01 12:32 (-3)	3.12		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-27 15:16 (-8)	32.6		12 - 46
		Unscheduled	2020-06-01 12:32 (-3)	34.7		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-27 15:16 (-8)	0.61		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031042	Monocytes (10^9/L)	Unscheduled	2020-06-01 12:32 (-3)	0.53		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-27 15:16 (-8)	7.9		0 - 11
		Unscheduled	2020-06-01 12:32 (-3)	5.9		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-27 15:16 (-8)	4.46		1.7 - 7.9
		Unscheduled	2020-06-01 12:32 (-3)	5.04		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-27 15:16 (-8)	58.0		34 - 71
		Unscheduled	2020-06-01 12:32 (-3)	56.0		34 - 71
	Platelets (10^9/L)	Screening	2020-05-27 15:16 (-8)	304		163 - 375
		Unscheduled	2020-06-01 12:32 (-3)	323		163 - 375
US2031051	Basophils (10^9/L)	Screening	2020-05-28 10:44 (-4)	0.07		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-28 10:44 (-4)	1.7		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-28 10:44 (-4)	0.29		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031051	Eosinophils/Leukocytes (%)	Screening	2020-05-28 10:44 (-4)	6.8		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-28 10:44 (-4)	4.43		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-28 10:44 (-4)	0.454		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-28 10:44 (-4)	141		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-28 10:44 (-4)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-28 10:44 (-4)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-28 10:44 (-4)	4.24		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-28 10:44 (-4)	0.93	G1 Lymphocytes Decreased	0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-28 10:44 (-4)	21.9		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-28 10:44 (-4)	0.34		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-28 10:44 (-4)	8.0		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-28 10:44 (-4)	2.60		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031051	Neutrophils/Leukocytes (%)	Screening	2020-05-28 10:44 (-4)	61.4		34 - 71
	Platelets (10^9/L)	Screening	2020-05-28 10:44 (-4)	284		163 - 375
US2031056	Basophils (10^9/L)	Screening	2020-05-28 15:15 (-4)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-28 15:15 (-4)	0.9		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-28 15:15 (-4)	0.14		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-28 15:15 (-4)	3.0		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-28 15:15 (-4)	4.93		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-05-28 15:15 (-4)	0.494		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-05-28 15:15 (-4)	152		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-05-28 15:15 (-4)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-28 15:15 (-4)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-28 15:15 (-4)	4.68		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031056	Lymphocytes (10^9/L)	Screening	2020-05-28 15:15 (-4)	1.46		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-28 15:15 (-4)	31.2		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-28 15:15 (-4)	0.33		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-28 15:15 (-4)	7.1		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-28 15:15 (-4)	2.70		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-28 15:15 (-4)	57.6		34 - 71
	Platelets (10^9/L)	Screening	2020-05-28 15:15 (-4)	244		163 - 375
US2031057	Basophils (10^9/L)	Screening	2020-05-28 15:24 (-6)	0.03		0 - 0.3
		Unscheduled	2020-06-01 14:57 (-2)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-28 15:24 (-6)	0.4		0 - 3
		Unscheduled	2020-06-01 14:57 (-2)	0.5		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-28 15:24 (-6)	0.10		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031057	Eosinophils (10^9/L)	Unscheduled	2020-06-01 14:57 (-2)	0.09		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-28 15:24 (-6)	1.4		0 - 7
		Unscheduled	2020-06-01 14:57 (-2)	1.4		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-28 15:24 (-6)	5.27		4.63 - 6.08
		Unscheduled	2020-06-01 14:57 (-2)	5.34		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-05-28 15:24 (-6)	0.511 (H)		0.37 - 0.51
		Unscheduled	2020-06-01 14:57 (-2)	0.525 (H)		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-05-28 15:24 (-6)	162		125 - 170
		Unscheduled	2020-06-01 14:57 (-2)	164		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-05-28 15:24 (-6)	<0.03		0 - 0.07
		Unscheduled	2020-06-01 14:57 (-2)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-28 15:24 (-6)	0.1		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031057	Immature Granulocytes/Leukocytes (%)	Unscheduled	2020-06-01 14:57 (-2)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-28 15:24 (-6)	7.09		3.7 - 11
		Unscheduled	2020-06-01 14:57 (-2)	6.65		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-28 15:24 (-6)	2.86		0.9 - 3.6
		Unscheduled	2020-06-01 14:57 (-2)	2.87		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-28 15:24 (-6)	40.3		12 - 46
		Unscheduled	2020-06-01 14:57 (-2)	43.2		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-28 15:24 (-6)	0.49		0 - 1.2
		Unscheduled	2020-06-01 14:57 (-2)	0.53		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-28 15:24 (-6)	6.9		0 - 11
		Unscheduled	2020-06-01 14:57 (-2)	8.0		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-28 15:24 (-6)	3.60		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031057	Neutrophils (10^9/L)	Unscheduled	2020-06-01 14:57 (-2)	3.12		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-28 15:24 (-6)	50.9		34 - 71
		Unscheduled	2020-06-01 14:57 (-2)	46.7		34 - 71
	Platelets (10^9/L)	Screening	2020-05-28 15:24 (-6)	194		163 - 375
		Unscheduled	2020-06-01 14:57 (-2)	191		163 - 375
US2031063	Basophils (10^9/L)	Screening	2020-05-28 17:50 (-5)	0.12		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-28 17:50 (-5)	1.6		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-28 17:50 (-5)	0.14		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-28 17:50 (-5)	1.9		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-28 17:50 (-5)	4.83		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-05-28 17:50 (-5)	0.455		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-05-28 17:50 (-5)	145		125 - 170

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031063	Immature Granulocytes (10^9/L)	Screening	2020-05-28 17:50 (-5)	0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-28 17:50 (-5)	0.4		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-28 17:50 (-5)	7.50		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-28 17:50 (-5)	2.68		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-28 17:50 (-5)	35.7		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-28 17:50 (-5)	0.72		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-28 17:50 (-5)	9.6		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-28 17:50 (-5)	3.81		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-28 17:50 (-5)	50.8		34 - 71
	Platelets (10^9/L)	Screening	2020-05-28 17:50 (-5)	302		163 - 375
US2031066	Basophils (10^9/L)	Screening	2020-05-29 09:26 (-4)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-29 09:26 (-4)	0.3		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031066	Eosinophils (10^9/L)	Screening	2020-05-29 09:26 (-4)	0.08		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-29 09:26 (-4)	1.2		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-29 09:26 (-4)	4.47		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-29 09:26 (-4)	0.473 (H)		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-29 09:26 (-4)	152		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-29 09:26 (-4)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-29 09:26 (-4)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-29 09:26 (-4)	6.66		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-29 09:26 (-4)	1.88		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-29 09:26 (-4)	28.2		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-29 09:26 (-4)	0.60		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-29 09:26 (-4)	9.0		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031066	Neutrophils (10^9/L)	Screening	2020-05-29 09:26 (-4)	4.07		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-29 09:26 (-4)	61.1		34 - 71
	Platelets (10^9/L)	Screening	2020-05-29 09:26 (-4)	194		163 - 375
US2031072	Basophils (10^9/L)	Screening	2020-05-29 14:14 (-5)	<0.03		0 - 0.3
		Unscheduled	2020-06-01 11:29 (-2)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-29 14:14 (-5)	0.5		0 - 3
		Unscheduled	2020-06-01 11:29 (-2)	0.2		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-29 14:14 (-5)	<0.03		0 - 0.8
		Unscheduled	2020-06-01 11:29 (-2)	0.04		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-29 14:14 (-5)	0.5		0 - 7
		Unscheduled	2020-06-01 11:29 (-2)	0.9		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-29 14:14 (-5)	4.39		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031072	Erythrocytes (10^12/L)	Unscheduled	2020-06-01 11:29 (-2)	4.24		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-29 14:14 (-5)	0.423		0.33 - 0.47
		Unscheduled	2020-06-01 11:29 (-2)	0.425		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-29 14:14 (-5)	136		110 - 155
		Unscheduled	2020-06-01 11:29 (-2)	131		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-29 14:14 (-5)	<0.03		0 - 0.07
		Unscheduled	2020-06-01 11:29 (-2)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-29 14:14 (-5)	0.2		0 - 1
		Unscheduled	2020-06-01 11:29 (-2)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-29 14:14 (-5)	4.40		3.7 - 11
		Unscheduled	2020-06-01 11:29 (-2)	4.36		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-29 14:14 (-5)	0.98	G1 Lymphocytes Decreased	0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031072	Lymphocytes (10^9/L)	Unscheduled	2020-06-01 11:29 (-2)	1.10		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-29 14:14 (-5)	22.3		12 - 46
		Unscheduled	2020-06-01 11:29 (-2)	25.2		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-29 14:14 (-5)	0.37		0 - 1.2
		Unscheduled	2020-06-01 11:29 (-2)	0.37		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-29 14:14 (-5)	8.4		0 - 11
		Unscheduled	2020-06-01 11:29 (-2)	8.5		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-29 14:14 (-5)	3.00		1.7 - 7.9
		Unscheduled	2020-06-01 11:29 (-2)	2.83		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-29 14:14 (-5)	68.1		34 - 71
		Unscheduled	2020-06-01 11:29 (-2)	65.0		34 - 71
	Platelets (10^9/L)	Screening	2020-05-29 14:14 (-5)	222		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031072	Platelets (10^9/L)	Unscheduled	2020-06-01 11:29 (-2)	201		163 - 375
US2031080	Basophils (10^9/L)	Screening	2020-06-02 12:20 (-2)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-02 12:20 (-2)	0.4		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-02 12:20 (-2)	0.08		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-02 12:20 (-2)	1.1		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-02 12:20 (-2)	4.53		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-02 12:20 (-2)	0.465		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-02 12:20 (-2)	140		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-02 12:20 (-2)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-02 12:20 (-2)	0.1		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-02 12:20 (-2)	7.22		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-02 12:20 (-2)	2.32		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031080	Lymphocytes/Leukocytes (%)	Screening	2020-06-02 12:20 (-2)	32.1		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-02 12:20 (-2)	0.61		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-02 12:20 (-2)	8.4		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-02 12:20 (-2)	4.17		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-02 12:20 (-2)	57.9		34 - 71
	Platelets (10^9/L)	Screening	2020-06-02 12:20 (-2)	217		163 - 375
US2041002	Basophils (10^9/L)	Screening	2020-05-26 09:03 (-7)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-26 09:03 (-7)	0.4		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-26 09:03 (-7)	0.13		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-26 09:03 (-7)	2.8		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-26 09:03 (-7)	5.02		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-05-26 09:03 (-7)	0.493		0.37 - 0.51

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041002	Hemoglobin (g/L)	Screening	2020-05-26 09:03 (-7)	157		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-05-26 09:03 (-7)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-26 09:03 (-7)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-26 09:03 (-7)	4.72		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-26 09:03 (-7)	2.04		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-26 09:03 (-7)	43.2		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-26 09:03 (-7)	0.28		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-26 09:03 (-7)	5.9		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-26 09:03 (-7)	2.24		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-26 09:03 (-7)	47.5		34 - 71
	Platelets (10^9/L)	Screening	2020-05-26 09:03 (-7)	212		163 - 375
US2041003	Basophils (10^9/L)	Screening	2020-05-26 08:50 (-7)	0.05		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041003	Basophils/Leukocytes (%)	Screening	2020-05-26 08:50 (-7)	0.6		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-26 08:50 (-7)	0.22		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-26 08:50 (-7)	2.5		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-26 08:50 (-7)	4.35		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-26 08:50 (-7)	0.408		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-26 08:50 (-7)	124		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-26 08:50 (-7)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-26 08:50 (-7)	0.1		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-26 08:50 (-7)	8.95		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-26 08:50 (-7)	2.72		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-26 08:50 (-7)	30.4		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-26 08:50 (-7)	0.60		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041003	Monocytes/Leukocytes (%)	Screening	2020-05-26 08:50 (-7)	6.7		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-26 08:50 (-7)	5.35		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-26 08:50 (-7)	59.7		34 - 71
	Platelets (10^9/L)	Screening	2020-05-26 08:50 (-7)	283		163 - 375
US2041006	Basophils (10^9/L)	Screening	2020-05-26 09:59 (-7)	0.04		0 - 0.3
		Unscheduled	2020-05-29 09:26 (-4)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-26 09:59 (-7)	0.5		0 - 3
		Unscheduled	2020-05-29 09:26 (-4)	0.5		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-26 09:59 (-7)	<0.03		0 - 0.8
		Unscheduled	2020-05-29 09:26 (-4)	0.05		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-26 09:59 (-7)	0.3		0 - 7
		Unscheduled	2020-05-29 09:26 (-4)	0.9		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041006	Erythrocytes (10^12/L)	Screening	2020-05-26 09:59 (-7)	4.55		3.7 - 5.2
		Unscheduled	2020-05-29 09:26 (-4)	4.32		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-26 09:59 (-7)	0.436		0.33 - 0.47
		Unscheduled	2020-05-29 09:26 (-4)	0.413		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-26 09:59 (-7)	138		110 - 155
		Unscheduled	2020-05-29 09:26 (-4)	133		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-26 09:59 (-7)	<0.03		0 - 0.07
		Unscheduled	2020-05-29 09:26 (-4)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-26 09:59 (-7)	0.1		0 - 1
		Unscheduled	2020-05-29 09:26 (-4)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-26 09:59 (-7)	7.32		3.7 - 11
		Unscheduled	2020-05-29 09:26 (-4)	5.87		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041006	Lymphocytes (10^9/L)	Screening	2020-05-26 09:59 (-7)	0.89 (L)	G1 Lymphocytes Decreased	0.9 - 3.6
		Unscheduled	2020-05-29 09:26 (-4)	0.95	G1 Lymphocytes Decreased	0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-26 09:59 (-7)	12.2		12 - 46
		Unscheduled	2020-05-29 09:26 (-4)	16.2		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-26 09:59 (-7)	0.43		0 - 1.2
		Unscheduled	2020-05-29 09:26 (-4)	0.44		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-26 09:59 (-7)	5.9		0 - 11
		Unscheduled	2020-05-29 09:26 (-4)	7.5		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-26 09:59 (-7)	5.93		1.7 - 7.9
		Unscheduled	2020-05-29 09:26 (-4)	4.38		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-26 09:59 (-7)	81.0 (H)		34 - 71
		Unscheduled	2020-05-29 09:26 (-4)	74.6 (H)		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041006	Platelets (10^9/L)	Screening	2020-05-26 09:59 (-7)	251		163 - 375
		Unscheduled	2020-05-29 09:26 (-4)	241		163 - 375
US2041007	Basophils (10^9/L)	Screening	2020-05-26 10:06 (-6)	0.10		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-26 10:06 (-6)	1.6		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-26 10:06 (-6)	0.03		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-26 10:06 (-6)	0.5		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-26 10:06 (-6)	5.09		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-26 10:06 (-6)	0.490 (H)		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-26 10:06 (-6)	158 (H)		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-26 10:06 (-6)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-26 10:06 (-6)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-26 10:06 (-6)	6.37		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041007	Lymphocytes (10^9/L)	Screening	2020-05-26 10:06 (-6)	2.24		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-26 10:06 (-6)	35.2		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-26 10:06 (-6)	0.36		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-26 10:06 (-6)	5.7		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-26 10:06 (-6)	3.62		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-26 10:06 (-6)	56.7		34 - 71
	Platelets (10^9/L)	Screening	2020-05-26 10:06 (-6)	200		163 - 375
US2041012	Basophils (10^9/L)	Screening	2020-05-26 11:59 (-7)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-26 11:59 (-7)	0.7		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-26 11:59 (-7)	0.06		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-26 11:59 (-7)	1.4		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-26 11:59 (-7)	4.74		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041012	Hematocrit (L/L)	Screening	2020-05-26 11:59 (-7)	0.436		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-26 11:59 (-7)	141		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-26 11:59 (-7)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-26 11:59 (-7)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-26 11:59 (-7)	4.37		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-26 11:59 (-7)	2.10		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-26 11:59 (-7)	48.1 (H)		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-26 11:59 (-7)	0.20		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-26 11:59 (-7)	4.6		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-26 11:59 (-7)	1.97	G1 Neutrophils Decreased	1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-26 11:59 (-7)	45.0		34 - 71
	Platelets (10^9/L)	Screening	2020-05-26 11:59 (-7)	254		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041013	Basophils (10^9/L)	Screening	2020-05-26 13:36 (-3)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-26 13:36 (-3)	0.5		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-26 13:36 (-3)	0.18		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-26 13:36 (-3)	4.4		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-26 13:36 (-3)	4.98		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-05-26 13:36 (-3)	0.430		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-05-26 13:36 (-3)	139		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-05-26 13:36 (-3)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-26 13:36 (-3)	0.0		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-26 13:36 (-3)	4.08		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-26 13:36 (-3)	1.81		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-26 13:36 (-3)	44.4		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041013	Monocytes (10^9/L)	Screening	2020-05-26 13:36 (-3)	0.23		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-26 13:36 (-3)	5.6		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-26 13:36 (-3)	1.84	G1 Neutrophils Decreased	1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-26 13:36 (-3)	45.1		34 - 71
	Platelets (10^9/L)	Screening	2020-05-26 13:36 (-3)	243		163 - 375
US2041016	Basophils (10^9/L)	Screening	2020-05-26 14:20 (-7)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-26 14:20 (-7)	0.4		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-26 14:20 (-7)	0.21		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-26 14:20 (-7)	3.0		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-26 14:20 (-7)	5.40		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-05-26 14:20 (-7)	0.485		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-05-26 14:20 (-7)	159		125 - 170

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041016	Immature Granulocytes (10^9/L)	Screening	2020-05-26 14:20 (-7)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-26 14:20 (-7)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-26 14:20 (-7)	7.07		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-26 14:20 (-7)	1.54		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-26 14:20 (-7)	21.8		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-26 14:20 (-7)	0.70		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-26 14:20 (-7)	9.9		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-26 14:20 (-7)	4.57		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-26 14:20 (-7)	64.6		34 - 71
	Platelets (10^9/L)	Screening	2020-05-26 14:20 (-7)	269		163 - 375
US2041023	Basophils (10^9/L)	Screening	2020-05-27 08:16 (-5)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-27 08:16 (-5)	0.4		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041023	Eosinophils (10^9/L)	Screening	2020-05-27 08:16 (-5)	<0.03		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-27 08:16 (-5)	0.4		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-27 08:16 (-5)	4.66		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-27 08:16 (-5)	0.472 (H)		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-27 08:16 (-5)	151		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-27 08:16 (-5)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-27 08:16 (-5)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-27 08:16 (-5)	4.99		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-27 08:16 (-5)	1.19		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-27 08:16 (-5)	23.8		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-27 08:16 (-5)	0.32		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-27 08:16 (-5)	6.4		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041023	Neutrophils (10^9/L)	Screening	2020-05-27 08:16 (-5)	3.43		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-27 08:16 (-5)	68.8		34 - 71
	Platelets (10^9/L)	Screening	2020-05-27 08:16 (-5)	243		163 - 375
US2041027	Basophils (10^9/L)	Screening	2020-05-27 10:07 (-5)	0.05		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-27 10:07 (-5)	0.5		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-27 10:07 (-5)	0.05		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-27 10:07 (-5)	0.5		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-27 10:07 (-5)	4.95		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-27 10:07 (-5)	0.441		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-27 10:07 (-5)	136		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-27 10:07 (-5)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-27 10:07 (-5)	0.2		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041027	Leukocytes (10^9/L)	Screening	2020-05-27 10:07 (-5)	9.56		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-27 10:07 (-5)	3.34		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-27 10:07 (-5)	34.9		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-27 10:07 (-5)	0.59		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-27 10:07 (-5)	6.2		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-27 10:07 (-5)	5.51		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-27 10:07 (-5)	57.7		34 - 71
	Platelets (10^9/L)	Screening	2020-05-27 10:07 (-5)	268		163 - 375
US2041030	Basophils (10^9/L)	Screening	2020-05-27 12:10 (-5)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-27 12:10 (-5)	0.3		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-27 12:10 (-5)	0.26		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-27 12:10 (-5)	4.5		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041030	Erythrocytes (10^12/L)	Screening	2020-05-27 12:10 (-5)	5.02		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-27 12:10 (-5)	0.477 (H)		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-27 12:10 (-5)	149		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-27 12:10 (-5)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-27 12:10 (-5)	0.0		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-27 12:10 (-5)	5.80		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-27 12:10 (-5)	1.85		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-27 12:10 (-5)	31.9		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-27 12:10 (-5)	0.29		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-27 12:10 (-5)	5.0		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-27 12:10 (-5)	3.38		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-27 12:10 (-5)	58.3		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041030	Platelets (10^9/L)	Screening	2020-05-27 12:10 (-5)	256		163 - 375
US2041036	Basophils (10^9/L)	Screening	2020-05-27 14:00 (-6)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-27 14:00 (-6)	0.3		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-27 14:00 (-6)	0.20		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-27 14:00 (-6)	3.3		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-27 14:00 (-6)	4.57		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-27 14:00 (-6)	0.447		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-27 14:00 (-6)	139		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-27 14:00 (-6)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-27 14:00 (-6)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-27 14:00 (-6)	6.13		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-27 14:00 (-6)	1.89		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041036	Lymphocytes/Leukocytes (%)	Screening	2020-05-27 14:00 (-6)	30.8		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-27 14:00 (-6)	0.35		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-27 14:00 (-6)	5.7		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-27 14:00 (-6)	3.66		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-27 14:00 (-6)	59.7		34 - 71
	Platelets (10^9/L)	Screening	2020-05-27 14:00 (-6)	265		163 - 375
US2041047	Basophils (10^9/L)	Screening	2020-05-28 08:48 (-5)	0.06		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-28 08:48 (-5)	1.0		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-28 08:48 (-5)	0.10		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-28 08:48 (-5)	1.7		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-28 08:48 (-5)	5.18		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-05-28 08:48 (-5)	0.466		0.37 - 0.51

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041047	Hemoglobin (g/L)	Screening	2020-05-28 08:48 (-5)	151		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-05-28 08:48 (-5)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-28 08:48 (-5)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-28 08:48 (-5)	5.83		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-28 08:48 (-5)	2.05		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-28 08:48 (-5)	35.2		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-28 08:48 (-5)	0.41		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-28 08:48 (-5)	7.0		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-28 08:48 (-5)	3.19		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-28 08:48 (-5)	54.8		34 - 71
	Platelets (10^9/L)	Screening	2020-05-28 08:48 (-5)	233		163 - 375
US2041049	Basophils (10^9/L)	Screening	2020-05-28 10:09 (-7)	<0.03		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041049	Basophils/Leukocytes (%)	Screening	2020-05-28 10:09 (-7)	0.3		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-28 10:09 (-7)	0.13		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-28 10:09 (-7)	2.2		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-28 10:09 (-7)	4.67		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-28 10:09 (-7)	0.442		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-28 10:09 (-7)	140		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-28 10:09 (-7)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-28 10:09 (-7)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-28 10:09 (-7)	5.82		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-28 10:09 (-7)	1.46		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-28 10:09 (-7)	25.1		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-28 10:09 (-7)	0.50		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041049	Monocytes/Leukocytes (%)	Screening	2020-05-28 10:09 (-7)	8.6		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-28 10:09 (-7)	3.69		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-28 10:09 (-7)	63.5		34 - 71
	Platelets (10^9/L)	Screening	2020-05-28 10:09 (-7)	218		163 - 375
US2041051	Basophils (10^9/L)	Screening	2020-05-28 09:52 (-5)	0.08		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-28 09:52 (-5)	1.4		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-28 09:52 (-5)	0.25		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-28 09:52 (-5)	4.4		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-28 09:52 (-5)	4.62		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-28 09:52 (-5)	0.453		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-28 09:52 (-5)	142		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-28 09:52 (-5)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041051	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-28 09:52 (-5)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-28 09:52 (-5)	5.70		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-28 09:52 (-5)	1.67		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-28 09:52 (-5)	29.3		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-28 09:52 (-5)	0.36		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-28 09:52 (-5)	6.3		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-28 09:52 (-5)	3.33		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-28 09:52 (-5)	58.4		34 - 71
	Platelets (10^9/L)	Screening	2020-05-28 09:52 (-5)	345		163 - 375
US2041053	Basophils (10^9/L)	Screening	2020-05-28 11:17 (-5)	0.06		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-28 11:17 (-5)	0.9		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-28 11:17 (-5)	0.25		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041053	Eosinophils/Leukocytes (%)	Screening	2020-05-28 11:17 (-5)	3.9		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-28 11:17 (-5)	5.25		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-05-28 11:17 (-5)	0.483		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-05-28 11:17 (-5)	152		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-05-28 11:17 (-5)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-28 11:17 (-5)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-28 11:17 (-5)	6.47		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-28 11:17 (-5)	2.31		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-28 11:17 (-5)	35.7		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-28 11:17 (-5)	0.61		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-28 11:17 (-5)	9.4		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-28 11:17 (-5)	3.22		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041053	Neutrophils/Leukocytes (%)	Screening	2020-05-28 11:17 (-5)	49.8		34 - 71
	Platelets (10^9/L)	Screening	2020-05-28 11:17 (-5)	217		163 - 375
US2041055	Basophils (10^9/L)	Screening	2020-05-28 11:55 (-6)	0.07		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-28 11:55 (-6)	1.0		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-28 11:55 (-6)	0.07		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-28 11:55 (-6)	1.0		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-28 11:55 (-6)	4.50		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-28 11:55 (-6)	0.396		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-28 11:55 (-6)	119	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-28 11:55 (-6)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-28 11:55 (-6)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-28 11:55 (-6)	7.15		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041055	Lymphocytes (10^9/L)	Screening	2020-05-28 11:55 (-6)	2.20		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-28 11:55 (-6)	30.8		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-28 11:55 (-6)	0.47		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-28 11:55 (-6)	6.6		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-28 11:55 (-6)	4.32		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-28 11:55 (-6)	60.3		34 - 71
	Platelets (10^9/L)	Screening	2020-05-28 11:55 (-6)	330		163 - 375
US2041058	Basophils (10^9/L)	Screening	2020-05-28 14:42 (-6)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-28 14:42 (-6)	0.6		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-28 14:42 (-6)	0.10		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-28 14:42 (-6)	1.6		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-28 14:42 (-6)	5.39		4.63 - 6.08

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041058	Hematocrit (L/L)	Screening	2020-05-28 14:42 (-6)	0.486		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-05-28 14:42 (-6)	157		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-05-28 14:42 (-6)	0.04		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-28 14:42 (-6)	0.6		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-28 14:42 (-6)	6.33		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-28 14:42 (-6)	1.40		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-28 14:42 (-6)	22.1		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-28 14:42 (-6)	0.57		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-28 14:42 (-6)	9.0		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-28 14:42 (-6)	4.18		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-28 14:42 (-6)	66.1		34 - 71
	Platelets (10^9/L)	Screening	2020-05-28 14:42 (-6)	246		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041064	Basophils (10^9/L)	Unscheduled	2020-06-05 08:51 (-3)	0.05		0 - 0.3
	Basophils/Leukocytes (%)	Unscheduled	2020-06-05 08:51 (-3)	1.0		0 - 3
	Eosinophils (10^9/L)	Unscheduled	2020-06-05 08:51 (-3)	0.17		0 - 0.8
	Eosinophils/Leukocytes (%)	Unscheduled	2020-06-05 08:51 (-3)	3.4		0 - 7
	Erythrocytes (10^12/L)	Unscheduled	2020-06-05 08:51 (-3)	4.61		3.7 - 5.2
	Hematocrit (L/L)	Unscheduled	2020-06-05 08:51 (-3)	0.470		0.33 - 0.47
	Hemoglobin (g/L)	Unscheduled	2020-06-05 08:51 (-3)	143		110 - 155
	Immature Granulocytes (10^9/L)	Unscheduled	2020-06-05 08:51 (-3)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Unscheduled	2020-06-05 08:51 (-3)	0.4		0 - 1
	Leukocytes (10^9/L)	Unscheduled	2020-06-05 08:51 (-3)	5.04		3.7 - 11
	Lymphocytes (10^9/L)	Unscheduled	2020-06-05 08:51 (-3)	1.48		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Unscheduled	2020-06-05 08:51 (-3)	29.4		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041064	Monocytes (10^9/L)	Unscheduled	2020-06-05 08:51 (-3)	0.43		0 - 1.2
	Monocytes/Leukocytes (%)	Unscheduled	2020-06-05 08:51 (-3)	8.5		0 - 11
	Neutrophils (10^9/L)	Unscheduled	2020-06-05 08:51 (-3)	2.89		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Unscheduled	2020-06-05 08:51 (-3)	57.3		34 - 71
	Platelets (10^9/L)	Unscheduled	2020-06-05 08:51 (-3)	228		163 - 375
US2041071	Basophils (10^9/L)	Screening	2020-05-29 08:23 (-4)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-29 08:23 (-4)	0.7		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-29 08:23 (-4)	0.08		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-29 08:23 (-4)	1.3		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-29 08:23 (-4)	4.45		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-29 08:23 (-4)	0.432		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-29 08:23 (-4)	132		110 - 155

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041071	Immature Granulocytes (10^9/L)	Screening	2020-05-29 08:23 (-4)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-29 08:23 (-4)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-29 08:23 (-4)	6.06		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-29 08:23 (-4)	1.54		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-29 08:23 (-4)	25.4		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-29 08:23 (-4)	0.45		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-29 08:23 (-4)	7.4		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-29 08:23 (-4)	3.93		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-29 08:23 (-4)	64.9		34 - 71
	Platelets (10^9/L)	Screening	2020-05-29 08:23 (-4)	315		163 - 375
US2041075	Basophils (10^9/L)	Screening	2020-05-29 10:59 (-4)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-29 10:59 (-4)	0.8		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041075	Eosinophils (10^9/L)	Screening	2020-05-29 10:59 (-4)	0.16		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-29 10:59 (-4)	3.3		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-29 10:59 (-4)	5.03		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-05-29 10:59 (-4)	0.463		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-05-29 10:59 (-4)	155		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-05-29 10:59 (-4)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-29 10:59 (-4)	0.0		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-29 10:59 (-4)	4.80		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-29 10:59 (-4)	1.65		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-29 10:59 (-4)	34.4		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-29 10:59 (-4)	0.45		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-29 10:59 (-4)	9.4		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041075	Neutrophils (10^9/L)	Screening	2020-05-29 10:59 (-4)	2.50		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-29 10:59 (-4)	52.1		34 - 71
	Platelets (10^9/L)	Screening	2020-05-29 10:59 (-4)	205		163 - 375
US2041076	Basophils (10^9/L)	Screening	2020-05-29 11:14 (-4)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-29 11:14 (-4)	0.5		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-29 11:14 (-4)	0.06		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-29 11:14 (-4)	1.1		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-29 11:14 (-4)	4.78		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-29 11:14 (-4)	0.469		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-29 11:14 (-4)	152		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-29 11:14 (-4)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-29 11:14 (-4)	0.2		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041076	Leukocytes (10^9/L)	Screening	2020-05-29 11:14 (-4)	5.56		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-29 11:14 (-4)	1.43		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-29 11:14 (-4)	25.7		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-29 11:14 (-4)	0.42		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-29 11:14 (-4)	7.6		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-29 11:14 (-4)	3.61		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-29 11:14 (-4)	64.9		34 - 71
	Platelets (10^9/L)	Screening	2020-05-29 11:14 (-4)	224		163 - 375
US2041077	Basophils (10^9/L)	Screening	2020-05-29 11:45 (-5)	0.06		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-29 11:45 (-5)	0.8		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-29 11:45 (-5)	0.10		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-29 11:45 (-5)	1.3		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041077	Erythrocytes (10^12/L)	Screening	2020-05-29 11:45 (-5)	4.82		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-29 11:45 (-5)	0.470		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-29 11:45 (-5)	142		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-29 11:45 (-5)	0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-29 11:45 (-5)	0.4		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-29 11:45 (-5)	7.58		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-29 11:45 (-5)	1.97		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-29 11:45 (-5)	26.0		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-29 11:45 (-5)	0.48		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-29 11:45 (-5)	6.3		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-29 11:45 (-5)	4.94		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-29 11:45 (-5)	65.2		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041077	Platelets (10^9/L)	Screening	2020-05-29 11:45 (-5)	455 (H)		163 - 375
US2041088	Basophils (10^9/L)	Screening	2020-06-05 09:49 (-3)	0.04		0 - 0.1
	Basophils/Leukocytes (%)	Screening	2020-06-05 09:49 (-3)	1.1 (H)		0 - 1
	Eosinophils (10^9/L)	Screening	2020-06-05 09:49 (-3)	0.07		0 - 0.5
	Eosinophils/Leukocytes (%)	Screening	2020-06-05 09:49 (-3)	1.9		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-05 09:49 (-3)	5.48 (H)		4.5 - 5.3
	Hematocrit (L/L)	Screening	2020-06-05 09:49 (-3)	0.523 (H)		0.37 - 0.49
	Hemoglobin (g/L)	Screening	2020-06-05 09:49 (-3)	159		130 - 160
	Immature Granulocytes (10^9/L)	Screening	2020-06-05 09:49 (-3)	<0.03		0.02 - 0.05
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-05 09:49 (-3)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-05 09:49 (-3)	3.78 (L)		4.5 - 13
	Lymphocytes (10^9/L)	Screening	2020-06-05 09:49 (-3)	1.35		1.2 - 5.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041088	Lymphocytes/Leukocytes (%)	Screening	2020-06-05 09:49 (-3)	35.7		25 - 45
	Monocytes (10^9/L)	Screening	2020-06-05 09:49 (-3)	0.30		0 - 0.8
	Monocytes/Leukocytes (%)	Screening	2020-06-05 09:49 (-3)	7.9		4 - 12
	Neutrophils (10^9/L)	Screening	2020-06-05 09:49 (-3)	2.01		1.8 - 8
	Neutrophils/Leukocytes (%)	Screening	2020-06-05 09:49 (-3)	53.1		33 - 63
	Platelets (10^9/L)	Screening	2020-06-05 09:49 (-3)	206		163 - 375
US2041091	Basophils (10^9/L)	Screening	2020-06-05 10:40 (-5)	0.06		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-05 10:40 (-5)	0.8		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-05 10:40 (-5)	0.03		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-05 10:40 (-5)	0.4		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-05 10:40 (-5)	4.20		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-05 10:40 (-5)	0.435		0.33 - 0.47

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041091	Hemoglobin (g/L)	Screening	2020-06-05 10:40 (-5)	131		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-05 10:40 (-5)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-05 10:40 (-5)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-05 10:40 (-5)	7.45		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-05 10:40 (-5)	2.09		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-05 10:40 (-5)	28.1		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-05 10:40 (-5)	0.63		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-05 10:40 (-5)	8.5		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-05 10:40 (-5)	4.62		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-05 10:40 (-5)	61.9		34 - 71
	Platelets (10^9/L)	Screening	2020-06-05 10:40 (-5)	281		163 - 375
US2041092	Basophils (10^9/L)	Screening	2020-06-05 11:14 (-3)	0.06		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041092	Basophils (10^9/L)	Day 57	2020-08-10 (64)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-05 11:14 (-3)	0.8		0 - 3
		Day 57	2020-08-10 (64)	0.5		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-05 11:14 (-3)	0.08		0 - 0.8
		Day 57	2020-08-10 (64)	0.07		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-05 11:14 (-3)	1.1		0 - 7
		Day 57	2020-08-10 (64)	0.9		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-05 11:14 (-3)	4.34		3.7 - 5.2
		Day 57	2020-08-10 (64)	4.48		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-05 11:14 (-3)	0.428		0.33 - 0.47
		Day 57	2020-08-10 (64)	0.470		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-05 11:14 (-3)	134		110 - 155
		Day 57	2020-08-10 (64)	138		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-05 11:14 (-3)	<0.03		0 - 0.07
		Day 57	2020-08-10 (64)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-05 11:14 (-3)	0.3		0 - 1
		Day 57	2020-08-10 (64)	0.3		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041092	Leukocytes (10^9/L)	Screening	2020-06-05 11:14 (-3)	7.32		3.7 - 11
		Day 57	2020-08-10 (64)	7.69		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-05 11:14 (-3)	2.10		0.9 - 3.6
		Day 57	2020-08-10 (64)	2.47		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-05 11:14 (-3)	28.7		12 - 46
		Day 57	2020-08-10 (64)	32.1		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-05 11:14 (-3)	0.58		0 - 1.2
		Day 57	2020-08-10 (64)	0.51		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-05 11:14 (-3)	7.9		0 - 11
		Day 57	2020-08-10 (64)	6.6		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-05 11:14 (-3)	4.48		1.7 - 7.9
		Day 57	2020-08-10 (64)	4.58		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-05 11:14 (-3)	61.2		34 - 71
		Day 57	2020-08-10 (64)	59.6		34 - 71
	Platelets (10^9/L)	Screening	2020-06-05 11:14 (-3)	380 (H)		163 - 375
		Day 57	2020-08-10 (64)	431 (H)		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051008	Basophils (10^9/L)	Screening	2020-05-26 14:35 (-3)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-26 14:35 (-3)	0.4		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-26 14:35 (-3)	0.11		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-26 14:35 (-3)	2.2		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-26 14:35 (-3)	4.02		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-26 14:35 (-3)	0.390		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-26 14:35 (-3)	121		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-26 14:35 (-3)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-26 14:35 (-3)	0.4		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-26 14:35 (-3)	5.08		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-26 14:35 (-3)	0.98	G1 Lymphocytes Decreased	0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-26 14:35 (-3)	19.3		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051008	Monocytes (10^9/L)	Screening	2020-05-26 14:35 (-3)	0.44		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-26 14:35 (-3)	8.7		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-26 14:35 (-3)	3.51		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-26 14:35 (-3)	69.0		34 - 71
	Platelets (10^9/L)	Screening	2020-05-26 14:35 (-3)	163		163 - 375
US2051009	Basophils (10^9/L)	Screening	2020-05-27 09:16 (-6)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-27 09:16 (-6)	1.0		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-27 09:16 (-6)	0.21		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-27 09:16 (-6)	5.1		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-27 09:16 (-6)	5.17		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-05-27 09:16 (-6)	0.482		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-05-27 09:16 (-6)	151		125 - 170

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051009	Immature Granulocytes (10^9/L)	Screening	2020-05-27 09:16 (-6)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-27 09:16 (-6)	0.0		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-27 09:16 (-6)	4.15		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-27 09:16 (-6)	1.09		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-27 09:16 (-6)	26.3		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-27 09:16 (-6)	0.45		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-27 09:16 (-6)	10.8		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-27 09:16 (-6)	2.36		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-27 09:16 (-6)	56.8		34 - 71
	Platelets (10^9/L)	Screening	2020-05-27 09:16 (-6)	232		163 - 375
US2051010	Basophils (10^9/L)	Screening	2020-05-27 10:36 (-6)	0.05		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-27 10:36 (-6)	0.5		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051010	Eosinophils (10^9/L)	Screening	2020-05-27 10:36 (-6)	0.10		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-27 10:36 (-6)	1.1		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-27 10:36 (-6)	4.09		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-27 10:36 (-6)	0.433		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-27 10:36 (-6)	135		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-27 10:36 (-6)	0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-27 10:36 (-6)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-27 10:36 (-6)	9.13		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-27 10:36 (-6)	3.09		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-27 10:36 (-6)	33.8		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-27 10:36 (-6)	0.76		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-27 10:36 (-6)	8.3		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051010	Neutrophils (10^9/L)	Screening	2020-05-27 10:36 (-6)	5.10		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-27 10:36 (-6)	56.0		34 - 71
	Platelets (10^9/L)	Screening	2020-05-27 10:36 (-6)	272		163 - 375
US2051011	Basophils (10^9/L)	Screening	2020-05-27 11:01 (-7)	0.06		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-27 11:01 (-7)	1.1		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-27 11:01 (-7)	0.05		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-27 11:01 (-7)	0.9		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-27 11:01 (-7)	5.21		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-05-27 11:01 (-7)	0.512 (H)		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-05-27 11:01 (-7)	163		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-05-27 11:01 (-7)	0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-27 11:01 (-7)	0.5		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051011	Leukocytes (10^9/L)	Screening	2020-05-27 11:01 (-7)	5.52		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-27 11:01 (-7)	1.35		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-27 11:01 (-7)	24.5		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-27 11:01 (-7)	0.47		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-27 11:01 (-7)	8.5		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-27 11:01 (-7)	3.56		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-27 11:01 (-7)	64.5		34 - 71
	Platelets (10^9/L)	Screening	2020-05-27 11:01 (-7)	225		163 - 375
US2051018	Basophils (10^9/L)	Screening	2020-05-27 15:13 (-12)	0.05		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-27 15:13 (-12)	0.7		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-27 15:13 (-12)	0.12		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-27 15:13 (-12)	1.6		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051018	Erythrocytes (10^12/L)	Screening	2020-05-27 15:13 (-12)	4.52		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-27 15:13 (-12)	0.431		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-27 15:13 (-12)	141		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-27 15:13 (-12)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-27 15:13 (-12)	0.1		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-27 15:13 (-12)	7.38		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-27 15:13 (-12)	2.13		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-27 15:13 (-12)	28.9		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-27 15:13 (-12)	0.59		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-27 15:13 (-12)	8.0		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-27 15:13 (-12)	4.48		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-27 15:13 (-12)	60.7		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051018	Platelets (10^9/L)	Screening	2020-05-27 15:13 (-12)	211		163 - 375
US2051027	Basophils (10^9/L)	Screening	2020-05-28 11:12 (-11)	0.07		0 - 0.3
		Unscheduled	2020-06-04 10:10 (-4)	0.07		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-28 11:12 (-11)	0.6		0 - 3
		Unscheduled	2020-06-04 10:10 (-4)	0.8		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-28 11:12 (-11)	0.21		0 - 0.8
		Unscheduled	2020-06-04 10:10 (-4)	0.27		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-28 11:12 (-11)	1.8		0 - 7
		Unscheduled	2020-06-04 10:10 (-4)	2.9		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-28 11:12 (-11)	5.27 (H)		3.7 - 5.2
		Unscheduled	2020-06-04 10:10 (-4)	4.77		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-28 11:12 (-11)	0.503 (H)		0.33 - 0.47

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051027	Hematocrit (L/L)	Unscheduled	2020-06-04 10:10 (-4)	0.461		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-28 11:12 (-11)	150		110 - 155
		Unscheduled	2020-06-04 10:10 (-4)	137		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-28 11:12 (-11)	0.05		0 - 0.07
		Unscheduled	2020-06-04 10:10 (-4)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-28 11:12 (-11)	0.4		0 - 1
		Unscheduled	2020-06-04 10:10 (-4)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-28 11:12 (-11)	11.62 (H)	G1 WBC Increased	3.7 - 11
		Unscheduled	2020-06-04 10:10 (-4)	9.16		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-28 11:12 (-11)	3.27		0.9 - 3.6
		Unscheduled	2020-06-04 10:10 (-4)	3.01		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-28 11:12 (-11)	28.1		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051027	Lymphocytes/Leukocytes (%)	Unscheduled	2020-06-04 10:10 (-4)	32.9		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-28 11:12 (-11)	0.62		0 - 1.2
		Unscheduled	2020-06-04 10:10 (-4)	0.55		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-28 11:12 (-11)	5.3		0 - 11
		Unscheduled	2020-06-04 10:10 (-4)	6.0		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-28 11:12 (-11)	7.40		1.7 - 7.9
		Unscheduled	2020-06-04 10:10 (-4)	5.24		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-28 11:12 (-11)	63.8		34 - 71
		Unscheduled	2020-06-04 10:10 (-4)	57.2		34 - 71
	Platelets (10^9/L)	Screening	2020-05-28 11:12 (-11)	354		163 - 375
		Unscheduled	2020-06-04 10:10 (-4)	334		163 - 375
US2051031	Basophils (10^9/L)	Screening	2020-05-28 13:00 (-5)	0.04		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051031	Basophils/Leukocytes (%)	Screening	2020-05-28 13:00 (-5)	0.7		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-28 13:00 (-5)	0.08		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-28 13:00 (-5)	1.3		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-28 13:00 (-5)	5.00		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-05-28 13:00 (-5)	0.460		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-05-28 13:00 (-5)	147		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-05-28 13:00 (-5)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-28 13:00 (-5)	0.0		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-28 13:00 (-5)	6.04		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-28 13:00 (-5)	2.45		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-28 13:00 (-5)	40.6		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-28 13:00 (-5)	0.46		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051031	Monocytes/Leukocytes (%)	Screening	2020-05-28 13:00 (-5)	7.6		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-28 13:00 (-5)	3.01		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-28 13:00 (-5)	49.8		34 - 71
	Platelets (10^9/L)	Screening	2020-05-28 13:00 (-5)	210		163 - 375
US2051032	Basophils (10^9/L)	Screening	2020-05-28 14:01 (-5)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-28 14:01 (-5)	0.5		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-28 14:01 (-5)	0.12		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-28 14:01 (-5)	2.1		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-28 14:01 (-5)	4.75		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-28 14:01 (-5)	0.437		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-28 14:01 (-5)	139		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-28 14:01 (-5)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051032	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-28 14:01 (-5)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-28 14:01 (-5)	5.77		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-28 14:01 (-5)	1.76		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-28 14:01 (-5)	30.5		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-28 14:01 (-5)	0.43		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-28 14:01 (-5)	7.5		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-28 14:01 (-5)	3.42		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-28 14:01 (-5)	59.2		34 - 71
	Platelets (10^9/L)	Screening	2020-05-28 14:01 (-5)	212		163 - 375
US2051033	Basophils (10^9/L)	Screening	2020-05-28 14:13 (-7)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-28 14:13 (-7)	0.7		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-28 14:13 (-7)	0.03		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051033	Eosinophils/Leukocytes (%)	Screening	2020-05-28 14:13 (-7)	0.5		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-28 14:13 (-7)	4.94		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-28 14:13 (-7)	0.477 (H)		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-28 14:13 (-7)	150		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-28 14:13 (-7)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-28 14:13 (-7)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-28 14:13 (-7)	5.63		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-28 14:13 (-7)	1.65		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-28 14:13 (-7)	29.3		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-28 14:13 (-7)	0.36		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-28 14:13 (-7)	6.4		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-28 14:13 (-7)	3.54		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051033	Neutrophils/Leukocytes (%)	Screening	2020-05-28 14:13 (-7)	62.9		34 - 71
	Platelets (10^9/L)	Screening	2020-05-28 14:13 (-7)	293		163 - 375
US2051034	Basophils (10^9/L)	Screening	2020-05-28 14:20 (-6)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-28 14:20 (-6)	0.4		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-28 14:20 (-6)	0.21		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-28 14:20 (-6)	2.1		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-28 14:20 (-6)	5.10		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-05-28 14:20 (-6)	0.479		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-05-28 14:20 (-6)	156		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-05-28 14:20 (-6)	0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-28 14:20 (-6)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-28 14:20 (-6)	9.88		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051034	Lymphocytes (10^9/L)	Screening	2020-05-28 14:20 (-6)	1.43		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-28 14:20 (-6)	14.5		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-28 14:20 (-6)	0.68		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-28 14:20 (-6)	6.9		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-28 14:20 (-6)	7.49		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-28 14:20 (-6)	75.8 (H)		34 - 71
	Platelets (10^9/L)	Screening	2020-05-28 14:20 (-6)	264		163 - 375
US2051038	Basophils (10^9/L)	Screening	2020-05-29 08:50 (-5)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-29 08:50 (-5)	0.3		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-29 08:50 (-5)	0.21		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-29 08:50 (-5)	3.3		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-29 08:50 (-5)	4.74		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051038	Hematocrit (L/L)	Screening	2020-05-29 08:50 (-5)	0.414		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-29 08:50 (-5)	116	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-29 08:50 (-5)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-29 08:50 (-5)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-29 08:50 (-5)	6.41		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-29 08:50 (-5)	2.97		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-29 08:50 (-5)	46.3 (H)		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-29 08:50 (-5)	0.55		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-29 08:50 (-5)	8.6		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-29 08:50 (-5)	2.65		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-29 08:50 (-5)	41.3		34 - 71
	Platelets (10^9/L)	Screening	2020-05-29 08:50 (-5)	307		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051040	Basophils (10^9/L)	Screening	2020-05-29 12:45 (-7)	0.06		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-29 12:45 (-7)	0.9		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-29 12:45 (-7)	0.34		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-29 12:45 (-7)	4.9		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-29 12:45 (-7)	6.75 (H)		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-05-29 12:45 (-7)	0.494		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-05-29 12:45 (-7)	141		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-05-29 12:45 (-7)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-29 12:45 (-7)	0.1		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-29 12:45 (-7)	6.95		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-29 12:45 (-7)	3.21		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-29 12:45 (-7)	46.2 (H)		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051040	Monocytes (10^9/L)	Screening	2020-05-29 12:45 (-7)	0.58		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-29 12:45 (-7)	8.3		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-29 12:45 (-7)	2.75		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-29 12:45 (-7)	39.6		34 - 71
	Platelets (10^9/L)	Screening	2020-05-29 12:45 (-7)	203		163 - 375
US2051042	Basophils (10^9/L)	Screening	2020-05-29 13:39 (-4)	0.05		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-29 13:39 (-4)	0.9		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-29 13:39 (-4)	0.23		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-29 13:39 (-4)	4.2		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-29 13:39 (-4)	5.17		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-05-29 13:39 (-4)	0.470		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-05-29 13:39 (-4)	149		125 - 170

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051042	Immature Granulocytes (10^9/L)	Screening	2020-05-29 13:39 (-4)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-29 13:39 (-4)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-29 13:39 (-4)	5.50		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-29 13:39 (-4)	1.36		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-29 13:39 (-4)	24.7		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-29 13:39 (-4)	0.55		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-29 13:39 (-4)	10.0		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-29 13:39 (-4)	3.30		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-29 13:39 (-4)	60.0		34 - 71
	Platelets (10^9/L)	Screening	2020-05-29 13:39 (-4)	291		163 - 375
US2051043	Basophils (10^9/L)	Screening	2020-05-29 13:57 (-5)	0.06		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-29 13:57 (-5)	0.6		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051043	Eosinophils (10^9/L)	Screening	2020-05-29 13:57 (-5)	0.21		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-29 13:57 (-5)	2.2		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-29 13:57 (-5)	4.35		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-29 13:57 (-5)	0.424		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-29 13:57 (-5)	137		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-29 13:57 (-5)	0.04		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-29 13:57 (-5)	0.4		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-29 13:57 (-5)	9.63		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-29 13:57 (-5)	2.61		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-29 13:57 (-5)	27.1		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-29 13:57 (-5)	0.78		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-29 13:57 (-5)	8.1		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051043	Neutrophils (10^9/L)	Screening	2020-05-29 13:57 (-5)	5.93		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-29 13:57 (-5)	61.6		34 - 71
	Platelets (10^9/L)	Screening	2020-05-29 13:57 (-5)	291		163 - 375
US2051048	Basophils (10^9/L)	Screening	2020-06-03 16:34 (-6)	0.07		0 - 0.3
		Unscheduled	2020-06-05 13:20 (-4)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-03 16:34 (-6)	0.5		0 - 3
		Unscheduled	2020-06-05 13:20 (-4)	0.4		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-03 16:34 (-6)	0.10		0 - 0.8
		Unscheduled	2020-06-05 13:20 (-4)	0.11		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-03 16:34 (-6)	0.7		0 - 7
		Unscheduled	2020-06-05 13:20 (-4)	1.1		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-03 16:34 (-6)	4.47		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051048	Erythrocytes (10^12/L)	Unscheduled	2020-06-05 13:20 (-4)	4.29		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-03 16:34 (-6)	0.454		0.33 - 0.47
		Unscheduled	2020-06-05 13:20 (-4)	0.449		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-03 16:34 (-6)	146		110 - 155
		Unscheduled	2020-06-05 13:20 (-4)	137		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-03 16:34 (-6)	0.07		0 - 0.07
		Unscheduled	2020-06-05 13:20 (-4)	0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-03 16:34 (-6)	0.5		0 - 1
		Unscheduled	2020-06-05 13:20 (-4)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-03 16:34 (-6)	13.55 (H)	G1 WBC Increased	3.7 - 11
		Unscheduled	2020-06-05 13:20 (-4)	9.63		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-03 16:34 (-6)	3.14		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051048	Lymphocytes (10^9/L)	Unscheduled	2020-06-05 13:20 (-4)	2.34		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-03 16:34 (-6)	23.2		12 - 46
		Unscheduled	2020-06-05 13:20 (-4)	24.3		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-03 16:34 (-6)	1.15		0 - 1.2
		Unscheduled	2020-06-05 13:20 (-4)	0.76		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-03 16:34 (-6)	8.5		0 - 11
		Unscheduled	2020-06-05 13:20 (-4)	7.9		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-03 16:34 (-6)	9.02 (H)		1.7 - 7.9
		Unscheduled	2020-06-05 13:20 (-4)	6.35		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-03 16:34 (-6)	66.6		34 - 71
		Unscheduled	2020-06-05 13:20 (-4)	66.0		34 - 71
	Platelets (10^9/L)	Screening	2020-06-03 16:34 (-6)	353		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051048	Platelets (10^9/L)	Unscheduled	2020-06-05 13:20 (-4)	343		163 - 375
US2051050	Basophils (10^9/L)	Screening	2020-06-04 15:36 (-4)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-04 15:36 (-4)	0.5		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-04 15:36 (-4)	0.12		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-04 15:36 (-4)	1.6		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-04 15:36 (-4)	4.73		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-04 15:36 (-4)	0.428		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-04 15:36 (-4)	131		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-04 15:36 (-4)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-04 15:36 (-4)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-04 15:36 (-4)	7.55		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-04 15:36 (-4)	1.99		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051050	Lymphocytes/Leukocytes (%)	Screening	2020-06-04 15:36 (-4)	26.4		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-04 15:36 (-4)	0.55		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-04 15:36 (-4)	7.3		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-04 15:36 (-4)	4.83		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-04 15:36 (-4)	63.9		34 - 71
	Platelets (10^9/L)	Screening	2020-06-04 15:36 (-4)	236		163 - 375
US2061001	Basophils (10^9/L)	Screening	2020-05-28 09:31 (-7)	<0.03		0 - 0.3
		Unscheduled	2020-06-02 09:35 (-2)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-28 09:31 (-7)	0.4		0 - 3
		Unscheduled	2020-06-02 09:35 (-2)	0.7		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-28 09:31 (-7)	0.11		0 - 0.8
		Unscheduled	2020-06-02 09:35 (-2)	0.16		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061001	Eosinophils/Leukocytes (%)	Screening	2020-05-28 09:31 (-7)	2.4		0 - 7
		Unscheduled	2020-06-02 09:35 (-2)	3.8		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-28 09:31 (-7)	4.44		3.7 - 5.2
		Unscheduled	2020-06-02 09:35 (-2)	4.32		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-28 09:31 (-7)	0.435		0.33 - 0.47
		Unscheduled	2020-06-02 09:35 (-2)	0.422		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-28 09:31 (-7)	139		110 - 155
		Unscheduled	2020-06-02 09:35 (-2)	133		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-28 09:31 (-7)	<0.03		0 - 0.07
		Unscheduled	2020-06-02 09:35 (-2)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-28 09:31 (-7)	0.2		0 - 1
		Unscheduled	2020-06-02 09:35 (-2)	0.0		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061001	Leukocytes (10^9/L)	Screening	2020-05-28 09:31 (-7)	4.63		3.7 - 11
		Unscheduled	2020-06-02 09:35 (-2)	4.20		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-28 09:31 (-7)	0.87 (L)	G1 Lymphocytes Decreased	0.9 - 3.6
		Unscheduled	2020-06-02 09:35 (-2)	0.91	G1 Lymphocytes Decreased	0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-28 09:31 (-7)	18.8		12 - 46
		Unscheduled	2020-06-02 09:35 (-2)	21.7		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-28 09:31 (-7)	0.38		0 - 1.2
		Unscheduled	2020-06-02 09:35 (-2)	0.37		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-28 09:31 (-7)	8.2		0 - 11
		Unscheduled	2020-06-02 09:35 (-2)	8.8		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-28 09:31 (-7)	3.24		1.7 - 7.9
		Unscheduled	2020-06-02 09:35 (-2)	2.73		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061001	Neutrophils/Leukocytes (%)	Screening	2020-05-28 09:31 (-7)	70.0		34 - 71
		Unscheduled	2020-06-02 09:35 (-2)	65.0		34 - 71
	Platelets (10^9/L)	Screening	2020-05-28 09:31 (-7)	203		163 - 375
		Unscheduled	2020-06-02 09:35 (-2)	183		163 - 375
US2061006	Basophils (10^9/L)	Screening	2020-05-28 12:02 (-6)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-28 12:02 (-6)	0.4		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-28 12:02 (-6)	0.18		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-28 12:02 (-6)	1.9		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-28 12:02 (-6)	4.19		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-28 12:02 (-6)	0.451		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-28 12:02 (-6)	149		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-28 12:02 (-6)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061006	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-28 12:02 (-6)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-28 12:02 (-6)	9.55		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-28 12:02 (-6)	2.95		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-28 12:02 (-6)	30.9		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-28 12:02 (-6)	0.54		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-28 12:02 (-6)	5.7		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-28 12:02 (-6)	5.82		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-28 12:02 (-6)	60.9		34 - 71
	Platelets (10^9/L)	Screening	2020-05-28 12:02 (-6)	283		163 - 375
US2061009	Basophils (10^9/L)	Screening	2020-05-28 15:15 (-6)	0.05		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-28 15:15 (-6)	0.9		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-28 15:15 (-6)	0.10		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061009	Eosinophils/Leukocytes (%)	Screening	2020-05-28 15:15 (-6)	1.7		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-28 15:15 (-6)	4.76		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-28 15:15 (-6)	0.440		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-28 15:15 (-6)	137		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-28 15:15 (-6)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-28 15:15 (-6)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-28 15:15 (-6)	5.82		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-28 15:15 (-6)	2.08		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-28 15:15 (-6)	35.7		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-28 15:15 (-6)	0.49		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-28 15:15 (-6)	8.4		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-28 15:15 (-6)	3.09		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061009	Neutrophils/Leukocytes (%)	Screening	2020-05-28 15:15 (-6)	53.1		34 - 71
	Platelets (10^9/L)	Screening	2020-05-28 15:15 (-6)	238		163 - 375
US2061011	Basophils (10^9/L)	Screening	2020-05-28 16:20 (-6)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-28 16:20 (-6)	0.4		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-28 16:20 (-6)	0.07		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-28 16:20 (-6)	1.0		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-28 16:20 (-6)	4.56		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-28 16:20 (-6)	0.489 (H)		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-28 16:20 (-6)	152		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-28 16:20 (-6)	0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-28 16:20 (-6)	0.4		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-28 16:20 (-6)	6.72		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061011	Lymphocytes (10^9/L)	Screening	2020-05-28 16:20 (-6)	1.48		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-28 16:20 (-6)	22.0		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-28 16:20 (-6)	0.62		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-28 16:20 (-6)	9.2		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-28 16:20 (-6)	4.49		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-28 16:20 (-6)	67.0		34 - 71
	Platelets (10^9/L)	Screening	2020-05-28 16:20 (-6)	172		163 - 375
US2061013	Basophils (10^9/L)	Unscheduled	2020-06-01 16:43 (-4)	0.05		0 - 0.3
	Basophils/Leukocytes (%)	Unscheduled	2020-06-01 16:43 (-4)	0.6		0 - 3
	Eosinophils (10^9/L)	Unscheduled	2020-06-01 16:43 (-4)	0.10		0 - 0.8
	Eosinophils/Leukocytes (%)	Unscheduled	2020-06-01 16:43 (-4)	1.3		0 - 7
	Erythrocytes (10^12/L)	Unscheduled	2020-06-01 16:43 (-4)	5.10		4.63 - 6.08

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061013	Hematocrit (L/L)	Unscheduled	2020-06-01 16:43 (-4)	0.472		0.37 - 0.51
	Hemoglobin (g/L)	Unscheduled	2020-06-01 16:43 (-4)	153		125 - 170
	Immature Granulocytes (10^9/L)	Unscheduled	2020-06-01 16:43 (-4)	0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Unscheduled	2020-06-01 16:43 (-4)	0.4		0 - 1
	Leukocytes (10^9/L)	Unscheduled	2020-06-01 16:43 (-4)	7.86		3.7 - 11
	Lymphocytes (10^9/L)	Unscheduled	2020-06-01 16:43 (-4)	2.59		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Unscheduled	2020-06-01 16:43 (-4)	33.0		12 - 46
	Monocytes (10^9/L)	Unscheduled	2020-06-01 16:43 (-4)	0.51		0 - 1.2
	Monocytes/Leukocytes (%)	Unscheduled	2020-06-01 16:43 (-4)	6.5		0 - 11
	Neutrophils (10^9/L)	Unscheduled	2020-06-01 16:43 (-4)	4.58		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Unscheduled	2020-06-01 16:43 (-4)	58.2		34 - 71
	Platelets (10^9/L)	Unscheduled	2020-06-01 16:43 (-4)	236		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061019	Basophils (10^9/L)	Screening	2020-05-29 09:52 (-5)	0.05		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-29 09:52 (-5)	0.8		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-29 09:52 (-5)	0.07		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-29 09:52 (-5)	1.1		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-29 09:52 (-5)	4.79		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-29 09:52 (-5)	0.457		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-29 09:52 (-5)	141		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-29 09:52 (-5)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-29 09:52 (-5)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-29 09:52 (-5)	6.54		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-29 09:52 (-5)	2.26		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-29 09:52 (-5)	34.6		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061019	Monocytes (10^9/L)	Screening	2020-05-29 09:52 (-5)	0.54		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-29 09:52 (-5)	8.3		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-29 09:52 (-5)	3.61		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-29 09:52 (-5)	55.0		34 - 71
	Platelets (10^9/L)	Screening	2020-05-29 09:52 (-5)	194		163 - 375
US2061026	Basophils (10^9/L)	Screening	2020-06-02 10:29 (-3)	0.05		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-02 10:29 (-3)	0.9		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-02 10:29 (-3)	0.16		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-02 10:29 (-3)	2.9		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-02 10:29 (-3)	5.08		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-02 10:29 (-3)	0.491		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-02 10:29 (-3)	158		125 - 170

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061026	Immature Granulocytes (10^9/L)	Screening	2020-06-02 10:29 (-3)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-02 10:29 (-3)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-02 10:29 (-3)	5.61		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-02 10:29 (-3)	1.58		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-02 10:29 (-3)	28.2		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-02 10:29 (-3)	0.61		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-02 10:29 (-3)	10.9		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-02 10:29 (-3)	3.20		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-02 10:29 (-3)	56.9		34 - 71
	Platelets (10^9/L)	Screening	2020-06-02 10:29 (-3)	214		163 - 375
US2071001	Basophils (10^9/L)	Screening	2020-05-22 13:35 (-7)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-22 13:35 (-7)	0.4		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071001	Eosinophils (10^9/L)	Screening	2020-05-22 13:35 (-7)	0.33		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-22 13:35 (-7)	4.1		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-22 13:35 (-7)	5.44 (H)		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-22 13:35 (-7)	0.480 (H)		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-22 13:35 (-7)	156 (H)		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-22 13:35 (-7)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-22 13:35 (-7)	0.1		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-22 13:35 (-7)	8.08		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-22 13:35 (-7)	2.28		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-22 13:35 (-7)	28.2		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-22 13:35 (-7)	0.66		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-22 13:35 (-7)	8.2		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071001	Neutrophils (10^9/L)	Screening	2020-05-22 13:35 (-7)	4.77		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-22 13:35 (-7)	59.0		34 - 71
	Platelets (10^9/L)	Screening	2020-05-22 13:35 (-7)	243		163 - 375
US2071003	Basophils (10^9/L)	Screening	2020-05-22 13:37 (-10)	0.07		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-22 13:37 (-10)	0.9		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-22 13:37 (-10)	0.05		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-22 13:37 (-10)	0.6		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-22 13:37 (-10)	4.87		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-22 13:37 (-10)	0.487 (H)		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-22 13:37 (-10)	156 (H)		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-22 13:37 (-10)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-22 13:37 (-10)	0.3		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071003	Leukocytes (10^9/L)	Screening	2020-05-22 13:37 (-10)	7.96		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-22 13:37 (-10)	2.37		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-22 13:37 (-10)	29.8		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-22 13:37 (-10)	0.40		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-22 13:37 (-10)	5.0		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-22 13:37 (-10)	5.05		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-22 13:37 (-10)	63.4		34 - 71
	Platelets (10^9/L)	Screening	2020-05-22 13:37 (-10)	310		163 - 375
US2071004	Basophils (10^9/L)	Screening	2020-05-25 10:16 (-10)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-25 10:16 (-10)	0.7		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-25 10:16 (-10)	0.21		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-25 10:16 (-10)	3.9		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071004	Erythrocytes (10^12/L)	Screening	2020-05-25 10:16 (-10)	4.89		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-05-25 10:16 (-10)	0.510		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-05-25 10:16 (-10)	153		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-05-25 10:16 (-10)	0.07		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-25 10:16 (-10)	1.3 (H)		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-25 10:16 (-10)	5.38		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-25 10:16 (-10)	1.60		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-25 10:16 (-10)	29.7		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-25 10:16 (-10)	0.39		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-25 10:16 (-10)	7.2		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-25 10:16 (-10)	3.07		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-25 10:16 (-10)	57.2		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071004	Platelets (10^9/L)	Screening	2020-05-25 10:16 (-10)	217		163 - 375
US2071029	Basophils (10^9/L)	Screening	2020-05-26 16:55 (-10)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-26 16:55 (-10)	0.4		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-26 16:55 (-10)	0.13		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-26 16:55 (-10)	1.6		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-26 16:55 (-10)	5.24		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-05-26 16:55 (-10)	0.535 (H)		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-05-26 16:55 (-10)	155		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-05-26 16:55 (-10)	0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-26 16:55 (-10)	0.4		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-26 16:55 (-10)	8.03		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-26 16:55 (-10)	2.15		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071029	Lymphocytes/Leukocytes (%)	Screening	2020-05-26 16:55 (-10)	26.8		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-26 16:55 (-10)	0.46		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-26 16:55 (-10)	5.7		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-26 16:55 (-10)	5.23		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-26 16:55 (-10)	65.1		34 - 71
	Platelets (10^9/L)	Screening	2020-05-26 16:55 (-10)	371		163 - 375
US2071030	Basophils (10^9/L)	Screening	2020-05-26 17:30 (-8)	0.06		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-26 17:30 (-8)	0.7		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-26 17:30 (-8)	0.13		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-26 17:30 (-8)	1.4		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-26 17:30 (-8)	5.18		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-26 17:30 (-8)	0.525 (H)		0.33 - 0.47

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071030	Hemoglobin (g/L)	Screening	2020-05-26 17:30 (-8)	150		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-26 17:30 (-8)	0.06		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-26 17:30 (-8)	0.7		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-26 17:30 (-8)	9.19		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-26 17:30 (-8)	2.88		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-26 17:30 (-8)	31.3		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-26 17:30 (-8)	0.29		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-26 17:30 (-8)	3.2		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-26 17:30 (-8)	5.77		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-26 17:30 (-8)	62.7		34 - 71
	Platelets (10^9/L)	Screening	2020-05-26 17:30 (-8)	212		163 - 375
US2071032	Basophils (10^9/L)	Screening	2020-05-27 09:10 (-12)	0.04		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071032	Basophils/Leukocytes (%)	Screening	2020-05-27 09:10 (-12)	0.7		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-27 09:10 (-12)	0.10		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-27 09:10 (-12)	1.7		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-27 09:10 (-12)	5.75		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-05-27 09:10 (-12)	0.548 (H)		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-05-27 09:10 (-12)	166		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-05-27 09:10 (-12)	0.04		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-27 09:10 (-12)	0.7		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-27 09:10 (-12)	5.83		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-27 09:10 (-12)	1.94		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-27 09:10 (-12)	33.3		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-27 09:10 (-12)	0.43		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071032	Monocytes/Leukocytes (%)	Screening	2020-05-27 09:10 (-12)	7.4		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-27 09:10 (-12)	3.28		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-27 09:10 (-12)	56.2		34 - 71
	Platelets (10^9/L)	Screening	2020-05-27 09:10 (-12)	164		163 - 375
US2071033	Basophils (10^9/L)	Screening	2020-05-27 09:30 (-12)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-27 09:30 (-12)	0.4		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-27 09:30 (-12)	0.04		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-27 09:30 (-12)	0.9		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-27 09:30 (-12)	5.29		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-05-27 09:30 (-12)	0.545 (H)		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-05-27 09:30 (-12)	167		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-05-27 09:30 (-12)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071033	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-27 09:30 (-12)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-27 09:30 (-12)	4.48		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-27 09:30 (-12)	1.43		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-27 09:30 (-12)	31.9		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-27 09:30 (-12)	0.37		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-27 09:30 (-12)	8.3		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-27 09:30 (-12)	2.61		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-27 09:30 (-12)	58.3		34 - 71
	Platelets (10^9/L)	Screening	2020-05-27 09:30 (-12)	250		163 - 375
US2071063	Basophils (10^9/L)	Screening	2020-06-01 14:58 (-3)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-01 14:58 (-3)	0.3		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-01 14:58 (-3)	0.05		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071063	Eosinophils/Leukocytes (%)	Screening	2020-06-01 14:58 (-3)	0.9		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-01 14:58 (-3)	5.02		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-01 14:58 (-3)	0.484		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-01 14:58 (-3)	161		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-01 14:58 (-3)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-01 14:58 (-3)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-01 14:58 (-3)	5.72		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-01 14:58 (-3)	2.23		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-01 14:58 (-3)	39.0		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-01 14:58 (-3)	0.38		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-01 14:58 (-3)	6.6		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-01 14:58 (-3)	3.03		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071063	Neutrophils/Leukocytes (%)	Screening	2020-06-01 14:58 (-3)	53.0		34 - 71
	Platelets (10^9/L)	Screening	2020-06-01 14:58 (-3)	161 (L)		163 - 375
US2071067	Basophils (10^9/L)	Screening	2020-06-01 18:05 (-4)	0.06		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-01 18:05 (-4)	0.8		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-01 18:05 (-4)	0.12		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-01 18:05 (-4)	1.7		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-01 18:05 (-4)	5.32 (H)		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-01 18:05 (-4)	0.578 (H)		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-01 18:05 (-4)	166 (H)		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-01 18:05 (-4)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-01 18:05 (-4)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-01 18:05 (-4)	7.14		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071067	Lymphocytes (10^9/L)	Screening	2020-06-01 18:05 (-4)	2.78		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-01 18:05 (-4)	38.9		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-01 18:05 (-4)	0.57		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-01 18:05 (-4)	8.0		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-01 18:05 (-4)	3.59		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-01 18:05 (-4)	50.3		34 - 71
	Platelets (10^9/L)	Screening	2020-06-01 18:05 (-4)	254		163 - 375
US2071074	Basophils (10^9/L)	Screening	2020-06-02 17:24 (-6)	0.07		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-02 17:24 (-6)	0.8		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-02 17:24 (-6)	0.06		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-02 17:24 (-6)	0.6		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-02 17:24 (-6)	4.42		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071074	Hematocrit (L/L)	Screening	2020-06-02 17:24 (-6)	0.478 (H)		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-02 17:24 (-6)	138		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-02 17:24 (-6)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-02 17:24 (-6)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-02 17:24 (-6)	9.32		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-02 17:24 (-6)	3.08		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-02 17:24 (-6)	33.0		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-02 17:24 (-6)	0.49		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-02 17:24 (-6)	5.3		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-02 17:24 (-6)	5.60		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-02 17:24 (-6)	60.1		34 - 71
	Platelets (10^9/L)	Screening	2020-06-02 17:24 (-6)	334		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071081	Basophils (10^9/L)	Screening	2020-06-05 13:53 (-3)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-05 13:53 (-3)	0.5		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-05 13:53 (-3)	0.04		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-05 13:53 (-3)	0.6		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-05 13:53 (-3)	3.87		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-05 13:53 (-3)	0.399		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-05 13:53 (-3)	125		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-05 13:53 (-3)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-05 13:53 (-3)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-05 13:53 (-3)	6.47		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-05 13:53 (-3)	2.16		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-05 13:53 (-3)	33.4		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071081	Monocytes (10^9/L)	Screening	2020-06-05 13:53 (-3)	0.34		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-05 13:53 (-3)	5.3		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-05 13:53 (-3)	3.88		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-05 13:53 (-3)	59.9		34 - 71
	Platelets (10^9/L)	Screening	2020-06-05 13:53 (-3)	301		163 - 375
US2081036	Basophils (10^9/L)	Screening	2020-05-29 15:30 (-6)	0.05		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-29 15:30 (-6)	0.9		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-29 15:30 (-6)	0.13		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-29 15:30 (-6)	2.4		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-29 15:30 (-6)	4.57 (L)		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-05-29 15:30 (-6)	0.410		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-05-29 15:30 (-6)	134	G1 Hemoglobin Decreased	125 - 170

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081036	Immature Granulocytes (10^9/L)	Screening	2020-05-29 15:30 (-6)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-29 15:30 (-6)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-29 15:30 (-6)	5.49		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-29 15:30 (-6)	2.01		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-29 15:30 (-6)	36.6		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-29 15:30 (-6)	0.33		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-29 15:30 (-6)	6.0		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-29 15:30 (-6)	2.96		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-29 15:30 (-6)	53.9		34 - 71
	Platelets (10^9/L)	Screening	2020-05-29 15:30 (-6)	216		163 - 375
US2081039	Basophils (10^9/L)	Screening	2020-06-01 10:55 (-7)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-01 10:55 (-7)	0.7		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081039	Eosinophils (10^9/L)	Screening	2020-06-01 10:55 (-7)	0.07		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-01 10:55 (-7)	1.3		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-01 10:55 (-7)	4.99		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-01 10:55 (-7)	0.513 (H)		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-01 10:55 (-7)	160 (H)		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-01 10:55 (-7)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-01 10:55 (-7)	0.4		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-01 10:55 (-7)	5.36		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-01 10:55 (-7)	2.02		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-01 10:55 (-7)	37.7		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-01 10:55 (-7)	0.37		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-01 10:55 (-7)	6.9		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081039	Neutrophils (10^9/L)	Screening	2020-06-01 10:55 (-7)	2.84		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-01 10:55 (-7)	53.0		34 - 71
	Platelets (10^9/L)	Screening	2020-06-01 10:55 (-7)	293		163 - 375
US2081041	Basophils (10^9/L)	Screening	2020-06-01 12:21 (-3)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-01 12:21 (-3)	0.8		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-01 12:21 (-3)	0.25		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-01 12:21 (-3)	5.2		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-01 12:21 (-3)	4.57 (L)		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-01 12:21 (-3)	0.422		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-01 12:21 (-3)	134	G1 Hemoglobin Decreased	125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-01 12:21 (-3)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-01 12:21 (-3)	0.4		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081041	Leukocytes (10^9/L)	Screening	2020-06-01 12:21 (-3)	4.84		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-01 12:21 (-3)	1.71		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-01 12:21 (-3)	35.3		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-01 12:21 (-3)	0.44		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-01 12:21 (-3)	9.1		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-01 12:21 (-3)	2.38		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-01 12:21 (-3)	49.2		34 - 71
	Platelets (10^9/L)	Screening	2020-06-01 12:21 (-3)	195		163 - 375
US2081052	Basophils (10^9/L)	Screening	2020-06-02 15:15 (-3)	0.08		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-02 15:15 (-3)	1.2		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-02 15:15 (-3)	0.99 (H)	G1 Eosinophils Increased	0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-02 15:15 (-3)	14.9 (H)		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081052	Erythrocytes (10^12/L)	Screening	2020-06-02 15:15 (-3)	4.93		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-02 15:15 (-3)	0.458		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-02 15:15 (-3)	143		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-02 15:15 (-3)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-02 15:15 (-3)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-02 15:15 (-3)	6.64		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-02 15:15 (-3)	1.68		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-02 15:15 (-3)	25.3		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-02 15:15 (-3)	0.55		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-02 15:15 (-3)	8.3		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-02 15:15 (-3)	3.32		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-02 15:15 (-3)	50.0		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081052	Platelets (10^9/L)	Screening	2020-06-02 15:15 (-3)	264		163 - 375
US2081054	Basophils (10^9/L)	Screening	2020-06-03 09:07 (-2)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-03 09:07 (-2)	0.2		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-03 09:07 (-2)	0.07		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-03 09:07 (-2)	1.3		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-03 09:07 (-2)	5.15		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-03 09:07 (-2)	0.508		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-03 09:07 (-2)	159		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-03 09:07 (-2)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-03 09:07 (-2)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-03 09:07 (-2)	5.38		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-03 09:07 (-2)	1.64		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081054	Lymphocytes/Leukocytes (%)	Screening	2020-06-03 09:07 (-2)	30.5		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-03 09:07 (-2)	0.50		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-03 09:07 (-2)	9.3		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-03 09:07 (-2)	3.15		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-03 09:07 (-2)	58.5		34 - 71
	Platelets (10^9/L)	Screening	2020-06-03 09:07 (-2)	185		163 - 375
US2081059	Basophils (10^9/L)	Screening	2020-06-04 10:42 (-4)	<0.03		0 - 0.3
		Unscheduled	2020-08-10 11:58 (29)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-04 10:42 (-4)	0.4		0 - 3
		Unscheduled	2020-08-10 11:58 (29)	0.3		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-04 10:42 (-4)	0.07		0 - 0.8
		Unscheduled	2020-08-10 11:58 (29)	0.09		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081059	Eosinophils/Leukocytes (%)	Screening	2020-06-04 10:42 (-4)	1.3		0 - 7
		Unscheduled	2020-08-10 11:58 (29)	1.2		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-04 10:42 (-4)	4.39		3.7 - 5.2
		Unscheduled	2020-08-10 11:58 (29)	3.94		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-04 10:42 (-4)	0.441		0.33 - 0.47
		Unscheduled	2020-08-10 11:58 (29)	0.408		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-04 10:42 (-4)	144		110 - 155
		Unscheduled	2020-08-10 11:58 (29)	125	G2 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-04 10:42 (-4)	<0.03		0 - 0.07
		Unscheduled	2020-08-10 11:58 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-04 10:42 (-4)	0.2		0 - 1
		Unscheduled	2020-08-10 11:58 (29)	0.1		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081059	Leukocytes (10^9/L)	Screening	2020-06-04 10:42 (-4)	5.47		3.7 - 11
		Unscheduled	2020-08-10 11:58 (29)	7.24		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-04 10:42 (-4)	1.60		0.9 - 3.6
		Unscheduled	2020-08-10 11:58 (29)	1.75		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-04 10:42 (-4)	29.3		12 - 46
		Unscheduled	2020-08-10 11:58 (29)	24.2		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-04 10:42 (-4)	0.44		0 - 1.2
		Unscheduled	2020-08-10 11:58 (29)	0.54		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-04 10:42 (-4)	8.0		0 - 11
		Unscheduled	2020-08-10 11:58 (29)	7.5		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-04 10:42 (-4)	3.33		1.7 - 7.9
		Unscheduled	2020-08-10 11:58 (29)	4.83		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081059	Neutrophils/Leukocytes (%)	Screening	2020-06-04 10:42 (-4)	60.8		34 - 71
		Unscheduled	2020-08-10 11:58 (29)	66.7		34 - 71
	Platelets (10^9/L)	Screening	2020-06-04 10:42 (-4)	312		163 - 375
		Unscheduled	2020-08-10 11:58 (29)	254		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011018	Basophils (10^9/L)	Screening	2020-05-26 17:48 (-6)	0.09		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-26 17:48 (-6)	0.9		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-26 17:48 (-6)	0.29		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-26 17:48 (-6)	3.0		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-26 17:48 (-6)	4.41 (L)		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-05-26 17:48 (-6)	0.447		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-05-26 17:48 (-6)	147		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-05-26 17:48 (-6)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-26 17:48 (-6)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-26 17:48 (-6)	9.76		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-26 17:48 (-6)	3.51		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-26 17:48 (-6)	36.0		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011018	Monocytes (10^9/L)	Screening	2020-05-26 17:48 (-6)	0.57		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-26 17:48 (-6)	5.8		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-26 17:48 (-6)	5.28		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-26 17:48 (-6)	54.1		34 - 71
	Platelets (10^9/L)	Screening	2020-05-26 17:48 (-6)	150 (L)		163 - 375
US2011019	Basophils (10^9/L)	Screening	2020-05-26 17:37 (-7)	0.06		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-26 17:37 (-7)	1.3		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-26 17:37 (-7)	0.16		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-26 17:37 (-7)	3.3		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-26 17:37 (-7)	4.89		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-26 17:37 (-7)	0.466		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-26 17:37 (-7)	148		110 - 155

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011019	Immature Granulocytes (10^9/L)	Screening	2020-05-26 17:37 (-7)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-26 17:37 (-7)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-26 17:37 (-7)	4.80		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-26 17:37 (-7)	1.33		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-26 17:37 (-7)	27.7		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-26 17:37 (-7)	0.21		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-26 17:37 (-7)	4.4		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-26 17:37 (-7)	3.03		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-26 17:37 (-7)	63.1		34 - 71
	Platelets (10^9/L)	Screening	2020-05-26 17:37 (-7)	239		163 - 375
US2011039	Basophils (10^9/L)	Screening	2020-05-27 13:12 (-5)	0.05		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-27 13:12 (-5)	0.7		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011039	Eosinophils (10^9/L)	Screening	2020-05-27 13:12 (-5)	0.04		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-27 13:12 (-5)	0.5		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-27 13:12 (-5)	4.52		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-27 13:12 (-5)	0.457		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-27 13:12 (-5)	141		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-27 13:12 (-5)	0.04		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-27 13:12 (-5)	0.5		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-27 13:12 (-5)	7.33		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-27 13:12 (-5)	1.60		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-27 13:12 (-5)	21.8		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-27 13:12 (-5)	0.45		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-27 13:12 (-5)	6.1		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011039	Neutrophils (10^9/L)	Screening	2020-05-27 13:12 (-5)	5.15		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-27 13:12 (-5)	70.4		34 - 71
	Platelets (10^9/L)	Screening	2020-05-27 13:12 (-5)	296		163 - 375
US2011041	Basophils (10^9/L)	Screening	2020-05-27 13:31 (-6)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-27 13:31 (-6)	0.4		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-27 13:31 (-6)	0.04		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-27 13:31 (-6)	0.8		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-27 13:31 (-6)	5.24		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-05-27 13:31 (-6)	0.481		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-05-27 13:31 (-6)	156		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-05-27 13:31 (-6)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-27 13:31 (-6)	0.2		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011041	Leukocytes (10^9/L)	Screening	2020-05-27 13:31 (-6)	4.83		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-27 13:31 (-6)	1.41		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-27 13:31 (-6)	29.2		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-27 13:31 (-6)	0.26		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-27 13:31 (-6)	5.4		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-27 13:31 (-6)	3.09		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-27 13:31 (-6)	64.0		34 - 71
	Platelets (10^9/L)	Screening	2020-05-27 13:31 (-6)	197		163 - 375
US2011046	Basophils (10^9/L)	Screening	2020-05-27 16:04 (-6)	0.05		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-27 16:04 (-6)	0.7		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-27 16:04 (-6)	0.15		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-27 16:04 (-6)	2.1		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011046	Erythrocytes (10^12/L)	Screening	2020-05-27 16:04 (-6)	4.59		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-27 16:04 (-6)	0.426		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-27 16:04 (-6)	144		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-27 16:04 (-6)	0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-27 16:04 (-6)	0.4		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-27 16:04 (-6)	7.27		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-27 16:04 (-6)	2.20		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-27 16:04 (-6)	30.3		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-27 16:04 (-6)	0.45		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-27 16:04 (-6)	6.2		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-27 16:04 (-6)	4.39		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-27 16:04 (-6)	60.3		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011046	Platelets (10^9/L)	Screening	2020-05-27 16:04 (-6)	296		163 - 375
US2011050	Basophils (10^9/L)	Screening	2020-05-27 16:20 (-5)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-27 16:20 (-5)	0.5		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-27 16:20 (-5)	0.16		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-27 16:20 (-5)	1.9		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-27 16:20 (-5)	5.48		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-05-27 16:20 (-5)	0.498		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-05-27 16:20 (-5)	159		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-05-27 16:20 (-5)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-27 16:20 (-5)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-27 16:20 (-5)	8.54		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-27 16:20 (-5)	1.71		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011050	Lymphocytes/Leukocytes (%)	Screening	2020-05-27 16:20 (-5)	20.0		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-27 16:20 (-5)	0.58		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-27 16:20 (-5)	6.8		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-27 16:20 (-5)	6.03		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-27 16:20 (-5)	70.6		34 - 71
	Platelets (10^9/L)	Screening	2020-05-27 16:20 (-5)	292		163 - 375
US2011059	Basophils (10^9/L)	Screening	2020-05-28 09:34 (-5)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-28 09:34 (-5)	0.8		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-28 09:34 (-5)	0.07		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-28 09:34 (-5)	1.4		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-28 09:34 (-5)	4.90		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-05-28 09:34 (-5)	0.482		0.37 - 0.51

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011059	Hemoglobin (g/L)	Screening	2020-05-28 09:34 (-5)	152		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-05-28 09:34 (-5)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-28 09:34 (-5)	0.4		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-28 09:34 (-5)	5.03		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-28 09:34 (-5)	1.57		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-28 09:34 (-5)	31.2		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-28 09:34 (-5)	0.43		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-28 09:34 (-5)	8.5		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-28 09:34 (-5)	2.90		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-28 09:34 (-5)	57.7		34 - 71
	Platelets (10^9/L)	Screening	2020-05-28 09:34 (-5)	223		163 - 375
US2011065	Basophils (10^9/L)	Screening	2020-05-28 12:33 (-5)	0.05		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011065	Basophils/Leukocytes (%)	Screening	2020-05-28 12:33 (-5)	0.8		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-28 12:33 (-5)	0.03		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-28 12:33 (-5)	0.5		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-28 12:33 (-5)	4.95		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-05-28 12:33 (-5)	0.479		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-05-28 12:33 (-5)	153		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-05-28 12:33 (-5)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-28 12:33 (-5)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-28 12:33 (-5)	6.55		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-28 12:33 (-5)	1.24		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-28 12:33 (-5)	18.9		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-28 12:33 (-5)	0.52		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011065	Monocytes/Leukocytes (%)	Screening	2020-05-28 12:33 (-5)	7.9		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-28 12:33 (-5)	4.70		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-28 12:33 (-5)	71.7 (H)		34 - 71
	Platelets (10^9/L)	Screening	2020-05-28 12:33 (-5)	292		163 - 375
US2011080	Basophils (10^9/L)	Screening	2020-05-29 12:18 (-5)	0.06		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-29 12:18 (-5)	0.9		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-29 12:18 (-5)	0.20		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-29 12:18 (-5)	2.9		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-29 12:18 (-5)	4.56		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-29 12:18 (-5)	0.481 (H)		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-29 12:18 (-5)	154		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-29 12:18 (-5)	0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011080	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-29 12:18 (-5)	0.4		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-29 12:18 (-5)	6.92		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-29 12:18 (-5)	1.76		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-29 12:18 (-5)	25.4		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-29 12:18 (-5)	0.43		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-29 12:18 (-5)	6.2		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-29 12:18 (-5)	4.44		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-29 12:18 (-5)	64.2		34 - 71
	Platelets (10^9/L)	Screening	2020-05-29 12:18 (-5)	300		163 - 375
US2011085	Basophils (10^9/L)	Screening	2020-05-29 17:23 (-5)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-29 17:23 (-5)	0.3		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-29 17:23 (-5)	0.03		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011085	Eosinophils/Leukocytes (%)	Screening	2020-05-29 17:23 (-5)	0.5		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-29 17:23 (-5)	4.67		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-29 17:23 (-5)	0.419		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-29 17:23 (-5)	135		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-29 17:23 (-5)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-29 17:23 (-5)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-29 17:23 (-5)	6.40		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-29 17:23 (-5)	2.18		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-29 17:23 (-5)	34.1		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-29 17:23 (-5)	0.51		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-29 17:23 (-5)	8.0		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-29 17:23 (-5)	3.65		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011085	Neutrophils/Leukocytes (%)	Screening	2020-05-29 17:23 (-5)	56.9		34 - 71
	Platelets (10^9/L)	Screening	2020-05-29 17:23 (-5)	232		163 - 375
US2011089	Basophils (10^9/L)	Screening	2020-06-01 09:46 (-4)	0.05		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-01 09:46 (-4)	0.6		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-01 09:46 (-4)	0.16		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-01 09:46 (-4)	1.8		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-01 09:46 (-4)	4.68		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-01 09:46 (-4)	0.445		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-01 09:46 (-4)	142		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-01 09:46 (-4)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-01 09:46 (-4)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-01 09:46 (-4)	8.97		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011089	Lymphocytes (10^9/L)	Screening	2020-06-01 09:46 (-4)	2.14		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-01 09:46 (-4)	23.9		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-01 09:46 (-4)	0.53		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-01 09:46 (-4)	5.9		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-01 09:46 (-4)	6.07		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-01 09:46 (-4)	67.6		34 - 71
	Platelets (10^9/L)	Screening	2020-06-01 09:46 (-4)	292		163 - 375
US2011103	Basophils (10^9/L)	Screening	2020-06-05 15:48 (-3)	0.05		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-05 15:48 (-3)	1.0		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-05 15:48 (-3)	0.10		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-05 15:48 (-3)	2.0		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-05 15:48 (-3)	5.23		4.63 - 6.08

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011103	Hematocrit (L/L)	Screening	2020-06-05 15:48 (-3)	0.525 (H)		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-05 15:48 (-3)	165		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-05 15:48 (-3)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-05 15:48 (-3)	0.4		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-05 15:48 (-3)	5.05		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-05 15:48 (-3)	1.86		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-05 15:48 (-3)	36.8		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-05 15:48 (-3)	0.34		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-05 15:48 (-3)	6.7		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-05 15:48 (-3)	2.68		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-05 15:48 (-3)	53.1		34 - 71
	Platelets (10^9/L)	Screening	2020-06-05 15:48 (-3)	219		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021059	Basophils (10^9/L)	Screening	2020-05-27 14:26 (-6)	0.06		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-27 14:26 (-6)	0.9		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-27 14:26 (-6)	0.13		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-27 14:26 (-6)	2.0		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-27 14:26 (-6)	4.56		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-27 14:26 (-6)	0.415		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-27 14:26 (-6)	127		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-27 14:26 (-6)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-27 14:26 (-6)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-27 14:26 (-6)	6.48		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-27 14:26 (-6)	1.60		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-27 14:26 (-6)	24.7		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021059	Monocytes (10^9/L)	Screening	2020-05-27 14:26 (-6)	0.36		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-27 14:26 (-6)	5.6		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-27 14:26 (-6)	4.32		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-27 14:26 (-6)	66.6		34 - 71
	Platelets (10^9/L)	Screening	2020-05-27 14:26 (-6)	299		163 - 375
US2021063	Basophils (10^9/L)	Screening	2020-05-27 15:16 (-8)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-27 15:16 (-8)	0.4		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-27 15:16 (-8)	0.13		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-27 15:16 (-8)	1.7		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-27 15:16 (-8)	4.53		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-27 15:16 (-8)	0.442		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-27 15:16 (-8)	138		110 - 155

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021063	Immature Granulocytes (10^9/L)	Screening	2020-05-27 15:16 (-8)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-27 15:16 (-8)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-27 15:16 (-8)	7.59		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-27 15:16 (-8)	2.62		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-27 15:16 (-8)	34.5		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-27 15:16 (-8)	0.47		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-27 15:16 (-8)	6.2		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-27 15:16 (-8)	4.32		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-27 15:16 (-8)	56.9		34 - 71
	Platelets (10^9/L)	Screening	2020-05-27 15:16 (-8)	305		163 - 375
US2021067	Basophils (10^9/L)	Screening	2020-05-27 16:19 (-9)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-27 16:19 (-9)	0.7		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021067	Eosinophils (10^9/L)	Screening	2020-05-27 16:19 (-9)	0.22		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-27 16:19 (-9)	3.6		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-27 16:19 (-9)	4.71		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-05-27 16:19 (-9)	0.453		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-05-27 16:19 (-9)	143		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-05-27 16:19 (-9)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-27 16:19 (-9)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-27 16:19 (-9)	6.04		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-27 16:19 (-9)	1.56		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-27 16:19 (-9)	25.8		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-27 16:19 (-9)	0.56		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-27 16:19 (-9)	9.3		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021067	Neutrophils (10^9/L)	Screening	2020-05-27 16:19 (-9)	3.65		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-27 16:19 (-9)	60.4		34 - 71
	Platelets (10^9/L)	Screening	2020-05-27 16:19 (-9)	169		163 - 375
US2021068	Basophils (10^9/L)	Screening	2020-05-27 16:40 (-6)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-27 16:40 (-6)	0.4		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-27 16:40 (-6)	0.15		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-27 16:40 (-6)	2.8		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-27 16:40 (-6)	4.97		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-05-27 16:40 (-6)	0.477		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-05-27 16:40 (-6)	151		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-05-27 16:40 (-6)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-27 16:40 (-6)	0.2		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021068	Leukocytes (10^9/L)	Screening	2020-05-27 16:40 (-6)	5.30		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-27 16:40 (-6)	2.18		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-27 16:40 (-6)	41.1		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-27 16:40 (-6)	0.39		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-27 16:40 (-6)	7.4		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-27 16:40 (-6)	2.55		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-27 16:40 (-6)	48.1		34 - 71
	Platelets (10^9/L)	Screening	2020-05-27 16:40 (-6)	191		163 - 375
US2021074	Basophils (10^9/L)	Screening	2020-05-28 09:14 (-5)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-28 09:14 (-5)	0.5		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-28 09:14 (-5)	0.12		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-28 09:14 (-5)	2.0		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021074	Erythrocytes (10^12/L)	Screening	2020-05-28 09:14 (-5)	4.28		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-28 09:14 (-5)	0.440		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-28 09:14 (-5)	131		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-28 09:14 (-5)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-28 09:14 (-5)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-28 09:14 (-5)	5.88		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-28 09:14 (-5)	2.31		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-28 09:14 (-5)	39.3		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-28 09:14 (-5)	0.31		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-28 09:14 (-5)	5.3		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-28 09:14 (-5)	3.09		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-28 09:14 (-5)	52.6		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021074	Platelets (10^9/L)	Screening	2020-05-28 09:14 (-5)	262		163 - 375
US2021080	Basophils (10^9/L)	Screening	2020-05-28 10:41 (-8)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-28 10:41 (-8)	0.5		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-28 10:41 (-8)	0.08		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-28 10:41 (-8)	1.8		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-28 10:41 (-8)	4.21		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-28 10:41 (-8)	0.423		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-28 10:41 (-8)	123		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-28 10:41 (-8)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-28 10:41 (-8)	0.5		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-28 10:41 (-8)	4.44		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-28 10:41 (-8)	1.24		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021080	Lymphocytes/Leukocytes (%)	Screening	2020-05-28 10:41 (-8)	27.9		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-28 10:41 (-8)	0.37		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-28 10:41 (-8)	8.3		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-28 10:41 (-8)	2.71		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-28 10:41 (-8)	61.0		34 - 71
	Platelets (10^9/L)	Screening	2020-05-28 10:41 (-8)	212		163 - 375
US2021093	Basophils (10^9/L)	Screening	2020-05-28 13:58 (-6)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-28 13:58 (-6)	0.6		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-28 13:58 (-6)	0.10		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-28 13:58 (-6)	2.0		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-28 13:58 (-6)	4.46		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-28 13:58 (-6)	0.460		0.33 - 0.47

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021093	Hemoglobin (g/L)	Screening	2020-05-28 13:58 (-6)	144		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-28 13:58 (-6)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-28 13:58 (-6)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-28 13:58 (-6)	4.98		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-28 13:58 (-6)	1.36		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-28 13:58 (-6)	27.3		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-28 13:58 (-6)	0.55		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-28 13:58 (-6)	11.0		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-28 13:58 (-6)	2.93		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-28 13:58 (-6)	58.9		34 - 71
	Platelets (10^9/L)	Screening	2020-05-28 13:58 (-6)	202		163 - 375
US2021099	Basophils (10^9/L)	Screening	2020-05-28 15:45 (-5)	0.05		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021099	Basophils/Leukocytes (%)	Screening	2020-05-28 15:45 (-5)	0.9		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-28 15:45 (-5)	0.10		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-28 15:45 (-5)	1.9		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-28 15:45 (-5)	4.44		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-28 15:45 (-5)	0.411		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-28 15:45 (-5)	127		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-28 15:45 (-5)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-28 15:45 (-5)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-28 15:45 (-5)	5.29		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-28 15:45 (-5)	1.76		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-28 15:45 (-5)	33.3		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-28 15:45 (-5)	0.39		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021099	Monocytes/Leukocytes (%)	Screening	2020-05-28 15:45 (-5)	7.4		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-28 15:45 (-5)	2.98		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-28 15:45 (-5)	56.3		34 - 71
	Platelets (10^9/L)	Screening	2020-05-28 15:45 (-5)	227		163 - 375
US2021101	Basophils (10^9/L)	Screening	2020-05-28 15:56 (-11)	0.05		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-28 15:56 (-11)	0.6		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-28 15:56 (-11)	0.17		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-28 15:56 (-11)	2.1		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-28 15:56 (-11)	4.75		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-28 15:56 (-11)	0.444		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-28 15:56 (-11)	140		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-28 15:56 (-11)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021101	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-28 15:56 (-11)	0.1		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-28 15:56 (-11)	7.98		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-28 15:56 (-11)	2.16		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-28 15:56 (-11)	27.1		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-28 15:56 (-11)	0.45		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-28 15:56 (-11)	5.6		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-28 15:56 (-11)	5.14		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-28 15:56 (-11)	64.5		34 - 71
	Platelets (10^9/L)	Screening	2020-05-28 15:56 (-11)	205		163 - 375
US2021121	Basophils (10^9/L)	Screening	2020-05-29 13:00 (-5)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-29 13:00 (-5)	0.6		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-29 13:00 (-5)	0.07		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021121	Eosinophils/Leukocytes (%)	Screening	2020-05-29 13:00 (-5)	1.1		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-29 13:00 (-5)	4.21		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-29 13:00 (-5)	0.400		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-29 13:00 (-5)	122		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-29 13:00 (-5)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-29 13:00 (-5)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-29 13:00 (-5)	6.43		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-29 13:00 (-5)	2.03		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-29 13:00 (-5)	31.6		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-29 13:00 (-5)	0.75		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-29 13:00 (-5)	11.7 (H)		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-29 13:00 (-5)	3.53		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021121	Neutrophils/Leukocytes (%)	Screening	2020-05-29 13:00 (-5)	54.8		34 - 71
	Platelets (10^9/L)	Screening	2020-05-29 13:00 (-5)	228		163 - 375
US2021145	Basophils (10^9/L)	Screening	2020-06-02 17:15 (-2)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-02 17:15 (-2)	0.5		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-02 17:15 (-2)	0.07		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-02 17:15 (-2)	1.2		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-02 17:15 (-2)	4.88		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-02 17:15 (-2)	0.406		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-02 17:15 (-2)	126		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-02 17:15 (-2)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-02 17:15 (-2)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-02 17:15 (-2)	6.02		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021145	Lymphocytes (10^9/L)	Screening	2020-06-02 17:15 (-2)	2.48		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-02 17:15 (-2)	41.2		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-02 17:15 (-2)	0.30		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-02 17:15 (-2)	5.0		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-02 17:15 (-2)	3.13		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-02 17:15 (-2)	51.9		34 - 71
	Platelets (10^9/L)	Screening	2020-06-02 17:15 (-2)	242		163 - 375
US2021151	Basophils (10^9/L)	Screening	2020-06-03 08:42 (-5)	0.03		0 - 0.3
		Unscheduled	2020-06-05 17:03 (-3)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-03 08:42 (-5)	0.8		0 - 3
		Unscheduled	2020-06-05 17:03 (-3)	0.5		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-03 08:42 (-5)	0.04		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021151	Eosinophils (10^9/L)	Unscheduled	2020-06-05 17:03 (-3)	0.08		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-03 08:42 (-5)	1.1		0 - 7
		Unscheduled	2020-06-05 17:03 (-3)	1.2		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-03 08:42 (-5)	4.39		3.7 - 5.2
		Unscheduled	2020-06-05 17:03 (-3)	4.12		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-03 08:42 (-5)	0.466		0.33 - 0.47
		Unscheduled	2020-06-05 17:03 (-3)	0.391		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-03 08:42 (-5)	138		110 - 155
		Unscheduled	2020-06-05 17:03 (-3)	131		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-03 08:42 (-5)	<0.03		0 - 0.07
		Unscheduled	2020-06-05 17:03 (-3)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-03 08:42 (-5)	0.3		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021151	Immature Granulocytes/Leukocytes (%)	Unscheduled	2020-06-05 17:03 (-3)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-03 08:42 (-5)	3.58 (L)		3.7 - 11
		Unscheduled	2020-06-05 17:03 (-3)	6.53		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-03 08:42 (-5)	1.76		0.9 - 3.6
		Unscheduled	2020-06-05 17:03 (-3)	2.46		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-03 08:42 (-5)	49.2 (H)		12 - 46
		Unscheduled	2020-06-05 17:03 (-3)	37.7		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-03 08:42 (-5)	0.31		0 - 1.2
		Unscheduled	2020-06-05 17:03 (-3)	0.36		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-03 08:42 (-5)	8.7		0 - 11
		Unscheduled	2020-06-05 17:03 (-3)	5.5		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-03 08:42 (-5)	1.43 (L)	G2 Neutrophils Decreased	1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021151	Neutrophils (10^9/L)	Unscheduled	2020-06-05 17:03 (-3)	3.59		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-03 08:42 (-5)	39.9		34 - 71
		Unscheduled	2020-06-05 17:03 (-3)	54.9		34 - 71
	Platelets (10^9/L)	Screening	2020-06-03 08:42 (-5)	311		163 - 375
		Unscheduled	2020-06-05 17:03 (-3)	345		163 - 375
US2021154	Basophils (10^9/L)	Screening	2020-06-03 11:18 (-2)	0.06		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-03 11:18 (-2)	0.7		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-03 11:18 (-2)	0.09		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-03 11:18 (-2)	1.1		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-03 11:18 (-2)	4.66		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-03 11:18 (-2)	0.458		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-03 11:18 (-2)	138		110 - 155

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021154	Immature Granulocytes (10^9/L)	Screening	2020-06-03 11:18 (-2)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-03 11:18 (-2)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-03 11:18 (-2)	8.53		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-03 11:18 (-2)	1.68		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-03 11:18 (-2)	19.7		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-03 11:18 (-2)	0.51		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-03 11:18 (-2)	6.0		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-03 11:18 (-2)	6.17		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-03 11:18 (-2)	72.3 (H)		34 - 71
	Platelets (10^9/L)	Screening	2020-06-03 11:18 (-2)	333		163 - 375
US2021164	Basophils (10^9/L)	Screening	2020-06-03 15:22 (-5)	0.07		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-03 15:22 (-5)	0.7		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021164	Eosinophils (10^9/L)	Screening	2020-06-03 15:22 (-5)	0.24		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-03 15:22 (-5)	2.4		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-03 15:22 (-5)	4.59		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-03 15:22 (-5)	0.440		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-03 15:22 (-5)	134		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-03 15:22 (-5)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-03 15:22 (-5)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-03 15:22 (-5)	9.87		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-03 15:22 (-5)	3.15		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-03 15:22 (-5)	31.9		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-03 15:22 (-5)	0.75		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-03 15:22 (-5)	7.6		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021164	Neutrophils (10^9/L)	Screening	2020-06-03 15:22 (-5)	5.64		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-03 15:22 (-5)	57.2		34 - 71
	Platelets (10^9/L)	Screening	2020-06-03 15:22 (-5)	387 (H)		163 - 375
US2021180	Basophils (10^9/L)	Screening	2020-06-05 15:36 (-3)	0.08		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-05 15:36 (-3)	0.9		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-05 15:36 (-3)	0.45		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-05 15:36 (-3)	5.1		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-05 15:36 (-3)	5.03		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-05 15:36 (-3)	0.495		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-05 15:36 (-3)	154		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-05 15:36 (-3)	0.04		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-05 15:36 (-3)	0.4		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021180	Leukocytes (10^9/L)	Screening	2020-06-05 15:36 (-3)	8.90		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-05 15:36 (-3)	2.45		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-05 15:36 (-3)	27.5		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-05 15:36 (-3)	0.68		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-05 15:36 (-3)	7.6		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-05 15:36 (-3)	5.20		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-05 15:36 (-3)	58.5		34 - 71
	Platelets (10^9/L)	Screening	2020-06-05 15:36 (-3)	213		163 - 375
US2021182	Basophils (10^9/L)	Screening	2020-06-05 16:38 (-3)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-05 16:38 (-3)	0.5		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-05 16:38 (-3)	0.06		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-05 16:38 (-3)	0.8		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021182	Erythrocytes (10^12/L)	Screening	2020-06-05 16:38 (-3)	4.61		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-05 16:38 (-3)	0.412		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-05 16:38 (-3)	127		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-05 16:38 (-3)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-05 16:38 (-3)	0.1		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-05 16:38 (-3)	7.48		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-05 16:38 (-3)	2.36		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-05 16:38 (-3)	31.6		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-05 16:38 (-3)	0.61		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-05 16:38 (-3)	8.2		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-05 16:38 (-3)	4.40		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-05 16:38 (-3)	58.8		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021182	Platelets (10^9/L)	Screening	2020-06-05 16:38 (-3)	272		163 - 375
US2031012	Basophils (10^9/L)	Screening	2020-05-26 11:31 (-6)	0.08		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-26 11:31 (-6)	0.9		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-26 11:31 (-6)	0.59		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-26 11:31 (-6)	6.5		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-26 11:31 (-6)	4.32		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-26 11:31 (-6)	0.404		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-26 11:31 (-6)	124		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-26 11:31 (-6)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-26 11:31 (-6)	0.1		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-26 11:31 (-6)	9.07		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-26 11:31 (-6)	1.42		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031012	Lymphocytes/Leukocytes (%)	Screening	2020-05-26 11:31 (-6)	15.7		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-26 11:31 (-6)	0.67		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-26 11:31 (-6)	7.4		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-26 11:31 (-6)	6.30		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-26 11:31 (-6)	69.4		34 - 71
	Platelets (10^9/L)	Screening	2020-05-26 11:31 (-6)	263		163 - 375
US2031013	Basophils (10^9/L)	Screening	2020-05-26 11:34 (-7)	0.07		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-26 11:34 (-7)	1.1		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-26 11:34 (-7)	0.14		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-26 11:34 (-7)	2.2		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-26 11:34 (-7)	4.46		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-26 11:34 (-7)	0.438		0.33 - 0.47

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031013	Hemoglobin (g/L)	Screening	2020-05-26 11:34 (-7)	137		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-26 11:34 (-7)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-26 11:34 (-7)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-26 11:34 (-7)	6.32		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-26 11:34 (-7)	1.99		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-26 11:34 (-7)	31.5		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-26 11:34 (-7)	0.35		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-26 11:34 (-7)	5.5		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-26 11:34 (-7)	3.76		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-26 11:34 (-7)	59.5		34 - 71
	Platelets (10^9/L)	Screening	2020-05-26 11:34 (-7)	291		163 - 375
US2031019	Basophils (10^9/L)	Screening	2020-05-26 14:26 (-3)	0.03		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031019	Basophils/Leukocytes (%)	Screening	2020-05-26 14:26 (-3)	0.4		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-26 14:26 (-3)	0.20		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-26 14:26 (-3)	2.5		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-26 14:26 (-3)	4.82		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-05-26 14:26 (-3)	0.442		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-05-26 14:26 (-3)	142		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-05-26 14:26 (-3)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-26 14:26 (-3)	0.1		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-26 14:26 (-3)	7.98		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-26 14:26 (-3)	1.94		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-26 14:26 (-3)	24.3		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-26 14:26 (-3)	0.56		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031019	Monocytes/Leukocytes (%)	Screening	2020-05-26 14:26 (-3)	7.0		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-26 14:26 (-3)	5.24		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-26 14:26 (-3)	65.7		34 - 71
	Platelets (10^9/L)	Screening	2020-05-26 14:26 (-3)	263		163 - 375
US2031020	Basophils (10^9/L)	Screening	2020-05-26 14:25 (-3)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-26 14:25 (-3)	0.5		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-26 14:25 (-3)	0.12		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-26 14:25 (-3)	1.9		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-26 14:25 (-3)	4.39		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-26 14:25 (-3)	0.424		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-26 14:25 (-3)	136		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-26 14:25 (-3)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031020	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-26 14:25 (-3)	0.0		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-26 14:25 (-3)	6.48		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-26 14:25 (-3)	2.04		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-26 14:25 (-3)	31.5		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-26 14:25 (-3)	0.56		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-26 14:25 (-3)	8.6		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-26 14:25 (-3)	3.73		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-26 14:25 (-3)	57.5		34 - 71
	Platelets (10^9/L)	Screening	2020-05-26 14:25 (-3)	177		163 - 375
US2031021	Basophils (10^9/L)	Screening	2020-05-26 14:20 (-6)	0.05		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-26 14:20 (-6)	0.9		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-26 14:20 (-6)	0.05		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031021	Eosinophils/Leukocytes (%)	Screening	2020-05-26 14:20 (-6)	0.9		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-26 14:20 (-6)	4.86		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-05-26 14:20 (-6)	0.442		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-05-26 14:20 (-6)	142		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-05-26 14:20 (-6)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-26 14:20 (-6)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-26 14:20 (-6)	5.27		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-26 14:20 (-6)	1.75		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-26 14:20 (-6)	33.2		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-26 14:20 (-6)	0.48		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-26 14:20 (-6)	9.1		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-26 14:20 (-6)	2.93		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031021	Neutrophils/Leukocytes (%)	Screening	2020-05-26 14:20 (-6)	55.7		34 - 71
	Platelets (10^9/L)	Screening	2020-05-26 14:20 (-6)	258		163 - 375
US2031026	Basophils (10^9/L)	Screening	2020-05-27 08:19 (-2)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-27 08:19 (-2)	0.7		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-27 08:19 (-2)	0.30		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-27 08:19 (-2)	5.6		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-27 08:19 (-2)	4.74		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-27 08:19 (-2)	0.476 (H)		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-27 08:19 (-2)	149		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-27 08:19 (-2)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-27 08:19 (-2)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-27 08:19 (-2)	5.40		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031026	Lymphocytes (10^9/L)	Screening	2020-05-27 08:19 (-2)	1.74		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-27 08:19 (-2)	32.2		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-27 08:19 (-2)	0.47		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-27 08:19 (-2)	8.7		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-27 08:19 (-2)	2.84		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-27 08:19 (-2)	52.6		34 - 71
	Platelets (10^9/L)	Screening	2020-05-27 08:19 (-2)	229		163 - 375
US2031027	Basophils (10^9/L)	Screening	2020-05-27 08:10 (-5)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-27 08:10 (-5)	0.8		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-27 08:10 (-5)	0.10		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-27 08:10 (-5)	1.9		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-27 08:10 (-5)	5.06		4.63 - 6.08

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031027	Hematocrit (L/L)	Screening	2020-05-27 08:10 (-5)	0.433		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-05-27 08:10 (-5)	126	G1 Hemoglobin Decreased	125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-05-27 08:10 (-5)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-27 08:10 (-5)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-27 08:10 (-5)	5.21		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-27 08:10 (-5)	1.50		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-27 08:10 (-5)	28.8		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-27 08:10 (-5)	0.34		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-27 08:10 (-5)	6.5		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-27 08:10 (-5)	3.22		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-27 08:10 (-5)	61.8		34 - 71
	Platelets (10^9/L)	Screening	2020-05-27 08:10 (-5)	198		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031033	Basophils (10^9/L)	Screening	2020-05-27 10:25 (-7)	0.03		0 - 0.3
		Unscheduled	2020-06-01 15:33 (-2)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-27 10:25 (-7)	0.6		0 - 3
		Unscheduled	2020-06-01 15:33 (-2)	0.7		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-27 10:25 (-7)	0.06		0 - 0.8
		Unscheduled	2020-06-01 15:33 (-2)	0.06		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-27 10:25 (-7)	1.2		0 - 7
		Unscheduled	2020-06-01 15:33 (-2)	1.0		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-27 10:25 (-7)	5.66		4.63 - 6.08
		Unscheduled	2020-06-01 15:33 (-2)	5.30		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-05-27 10:25 (-7)	0.515 (H)		0.37 - 0.51
		Unscheduled	2020-06-01 15:33 (-2)	0.488		0.37 - 0.51

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031033	Hemoglobin (g/L)	Screening	2020-05-27 10:25 (-7)	171 (H)		125 - 170
		Unscheduled	2020-06-01 15:33 (-2)	161		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-05-27 10:25 (-7)	<0.03		0 - 0.07
		Unscheduled	2020-06-01 15:33 (-2)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-27 10:25 (-7)	0.4		0 - 1
		Unscheduled	2020-06-01 15:33 (-2)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-27 10:25 (-7)	5.07		3.7 - 11
		Unscheduled	2020-06-01 15:33 (-2)	5.89		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-27 10:25 (-7)	1.35		0.9 - 3.6
		Unscheduled	2020-06-01 15:33 (-2)	1.60		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-27 10:25 (-7)	26.6		12 - 46
		Unscheduled	2020-06-01 15:33 (-2)	27.2		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031033	Monocytes (10^9/L)	Screening	2020-05-27 10:25 (-7)	0.50		0 - 1.2
		Unscheduled	2020-06-01 15:33 (-2)	0.65		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-27 10:25 (-7)	9.9		0 - 11
		Unscheduled	2020-06-01 15:33 (-2)	11.0		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-27 10:25 (-7)	3.11		1.7 - 7.9
		Unscheduled	2020-06-01 15:33 (-2)	3.53		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-27 10:25 (-7)	61.3		34 - 71
		Unscheduled	2020-06-01 15:33 (-2)	59.9		34 - 71
	Platelets (10^9/L)	Screening	2020-05-27 10:25 (-7)	192		163 - 375
		Unscheduled	2020-06-01 15:33 (-2)	211		163 - 375
US2031035	Basophils (10^9/L)	Screening	2020-05-27 10:12 (-5)	0.05		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-27 10:12 (-5)	0.8		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031035	Eosinophils (10^9/L)	Screening	2020-05-27 10:12 (-5)	0.08		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-27 10:12 (-5)	1.3		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-27 10:12 (-5)	4.87		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-27 10:12 (-5)	0.461		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-27 10:12 (-5)	142		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-27 10:12 (-5)	0.04		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-27 10:12 (-5)	0.7		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-27 10:12 (-5)	5.99		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-27 10:12 (-5)	1.25		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-27 10:12 (-5)	20.9		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-27 10:12 (-5)	0.40		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-27 10:12 (-5)	6.7		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031035	Neutrophils (10^9/L)	Screening	2020-05-27 10:12 (-5)	4.17		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-27 10:12 (-5)	69.6		34 - 71
	Platelets (10^9/L)	Screening	2020-05-27 10:12 (-5)	224		163 - 375
US2031037	Basophils (10^9/L)	Screening	2020-05-27 10:42 (-6)	0.03		0 - 0.3
		Unscheduled	2020-05-29 14:30 (-4)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-27 10:42 (-6)	0.6		0 - 3
		Unscheduled	2020-05-29 14:30 (-4)	0.7		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-27 10:42 (-6)	0.23		0 - 0.8
		Unscheduled	2020-05-29 14:30 (-4)	0.23		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-27 10:42 (-6)	4.8		0 - 7
		Unscheduled	2020-05-29 14:30 (-4)	3.9		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-27 10:42 (-6)	5.69		4.63 - 6.08

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031037	Erythrocytes (10^12/L)	Unscheduled	2020-05-29 14:30 (-4)	5.45		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-05-27 10:42 (-6)	0.506		0.37 - 0.51
		Unscheduled	2020-05-29 14:30 (-4)	0.484		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-05-27 10:42 (-6)	159		125 - 170
		Unscheduled	2020-05-29 14:30 (-4)	153		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-05-27 10:42 (-6)	<0.03		0 - 0.07
		Unscheduled	2020-05-29 14:30 (-4)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-27 10:42 (-6)	0.2		0 - 1
		Unscheduled	2020-05-29 14:30 (-4)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-27 10:42 (-6)	4.79		3.7 - 11
		Unscheduled	2020-05-29 14:30 (-4)	5.87		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-27 10:42 (-6)	1.49		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031037	Lymphocytes (10^9/L)	Unscheduled	2020-05-29 14:30 (-4)	1.71		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-27 10:42 (-6)	31.1		12 - 46
		Unscheduled	2020-05-29 14:30 (-4)	29.1		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-27 10:42 (-6)	0.23		0 - 1.2
		Unscheduled	2020-05-29 14:30 (-4)	0.28		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-27 10:42 (-6)	4.8		0 - 11
		Unscheduled	2020-05-29 14:30 (-4)	4.8		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-27 10:42 (-6)	2.80		1.7 - 7.9
		Unscheduled	2020-05-29 14:30 (-4)	3.60		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-27 10:42 (-6)	58.5		34 - 71
		Unscheduled	2020-05-29 14:30 (-4)	61.3		34 - 71
	Platelets (10^9/L)	Screening	2020-05-27 10:42 (-6)	168		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031037	Platelets (10^9/L)	Unscheduled	2020-05-29 14:30 (-4)	175		163 - 375
US2031047	Basophils (10^9/L)	Screening	2020-05-27 16:27 (-5)	0.05		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-27 16:27 (-5)	0.8		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-27 16:27 (-5)	0.03		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-27 16:27 (-5)	0.5		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-27 16:27 (-5)	4.49		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-27 16:27 (-5)	0.445		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-27 16:27 (-5)	140		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-27 16:27 (-5)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-27 16:27 (-5)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-27 16:27 (-5)	6.23		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-27 16:27 (-5)	1.95		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031047	Lymphocytes/Leukocytes (%)	Screening	2020-05-27 16:27 (-5)	31.3		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-27 16:27 (-5)	0.41		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-27 16:27 (-5)	6.6		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-27 16:27 (-5)	3.77		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-27 16:27 (-5)	60.5		34 - 71
	Platelets (10^9/L)	Screening	2020-05-27 16:27 (-5)	200		163 - 375
US2031050	Basophils (10^9/L)	Screening	2020-05-28 09:16 (-6)	0.03		0 - 0.3
		Unscheduled	2020-06-01 14:15 (-2)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-28 09:16 (-6)	0.6		0 - 3
		Unscheduled	2020-06-01 14:15 (-2)	0.6		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-28 09:16 (-6)	<0.03		0 - 0.8
		Unscheduled	2020-06-01 14:15 (-2)	<0.03		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031050	Eosinophils/Leukocytes (%)	Screening	2020-05-28 09:16 (-6)	0.4		0 - 7
		Unscheduled	2020-06-01 14:15 (-2)	0.2		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-28 09:16 (-6)	4.29		3.7 - 5.2
		Unscheduled	2020-06-01 14:15 (-2)	4.03		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-28 09:16 (-6)	0.418		0.33 - 0.47
		Unscheduled	2020-06-01 14:15 (-2)	0.398		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-28 09:16 (-6)	128		110 - 155
		Unscheduled	2020-06-01 14:15 (-2)	124		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-28 09:16 (-6)	<0.03		0 - 0.07
		Unscheduled	2020-06-01 14:15 (-2)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-28 09:16 (-6)	0.4		0 - 1
		Unscheduled	2020-06-01 14:15 (-2)	0.2		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031050	Leukocytes (10^9/L)	Screening	2020-05-28 09:16 (-6)	4.87		3.7 - 11
		Unscheduled	2020-06-01 14:15 (-2)	5.29		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-28 09:16 (-6)	1.31		0.9 - 3.6
		Unscheduled	2020-06-01 14:15 (-2)	1.72		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-28 09:16 (-6)	26.9		12 - 46
		Unscheduled	2020-06-01 14:15 (-2)	32.5		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-28 09:16 (-6)	0.39		0 - 1.2
		Unscheduled	2020-06-01 14:15 (-2)	0.35		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-28 09:16 (-6)	8.0		0 - 11
		Unscheduled	2020-06-01 14:15 (-2)	6.6		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-28 09:16 (-6)	3.10		1.7 - 7.9
		Unscheduled	2020-06-01 14:15 (-2)	3.17		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031050	Neutrophils/Leukocytes (%)	Screening	2020-05-28 09:16 (-6)	63.7		34 - 71
		Unscheduled	2020-06-01 14:15 (-2)	59.9		34 - 71
	Platelets (10^9/L)	Screening	2020-05-28 09:16 (-6)	142 (L)		163 - 375
		Unscheduled	2020-06-01 14:15 (-2)	236		163 - 375
US2031060	Basophils (10^9/L)	Screening	2020-05-28 16:50 (-7)	0.03		0 - 0.3
		Unscheduled	2020-06-02 08:05 (-2)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-28 16:50 (-7)	0.8		0 - 3
		Unscheduled	2020-06-02 08:05 (-2)	0.9		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-28 16:50 (-7)	0.07		0 - 0.8
		Unscheduled	2020-06-02 08:05 (-2)	0.10		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-28 16:50 (-7)	1.8		0 - 7
		Unscheduled	2020-06-02 08:05 (-2)	2.4		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031060	Erythrocytes (10^12/L)	Screening	2020-05-28 16:50 (-7)	4.47		3.7 - 5.2
		Unscheduled	2020-06-02 08:05 (-2)	4.61		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-28 16:50 (-7)	0.433		0.33 - 0.47
		Unscheduled	2020-06-02 08:05 (-2)	0.475 (H)		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-28 16:50 (-7)	141		110 - 155
		Unscheduled	2020-06-02 08:05 (-2)	146		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-28 16:50 (-7)	<0.03		0 - 0.07
		Unscheduled	2020-06-02 08:05 (-2)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-28 16:50 (-7)	0.3		0 - 1
		Unscheduled	2020-06-02 08:05 (-2)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-28 16:50 (-7)	3.97		3.7 - 11
		Unscheduled	2020-06-02 08:05 (-2)	4.22		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031060	Lymphocytes (10^9/L)	Screening	2020-05-28 16:50 (-7)	1.34		0.9 - 3.6
		Unscheduled	2020-06-02 08:05 (-2)	1.55		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-28 16:50 (-7)	33.8		12 - 46
		Unscheduled	2020-06-02 08:05 (-2)	36.7		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-28 16:50 (-7)	0.27		0 - 1.2
		Unscheduled	2020-06-02 08:05 (-2)	0.34		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-28 16:50 (-7)	6.8		0 - 11
		Unscheduled	2020-06-02 08:05 (-2)	8.1		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-28 16:50 (-7)	2.25		1.7 - 7.9
		Unscheduled	2020-06-02 08:05 (-2)	2.18		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-28 16:50 (-7)	56.5		34 - 71
		Unscheduled	2020-06-02 08:05 (-2)	51.7		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031060	Platelets (10^9/L)	Screening	2020-05-28 16:50 (-7)	247		163 - 375
		Unscheduled	2020-06-02 08:05 (-2)	227		163 - 375
US2031062	Basophils (10^9/L)	Screening	2020-05-28 17:28 (-7)	0.03		0 - 0.3
		Unscheduled	2020-06-01 15:53 (-3)	0.06		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-28 17:28 (-7)	0.5		0 - 3
		Unscheduled	2020-06-01 15:53 (-3)	0.8		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-28 17:28 (-7)	0.09		0 - 0.8
		Unscheduled	2020-06-01 15:53 (-3)	0.15		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-28 17:28 (-7)	1.5		0 - 7
		Unscheduled	2020-06-01 15:53 (-3)	2.1		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-28 17:28 (-7)	4.91		3.7 - 5.2
		Unscheduled	2020-06-01 15:53 (-3)	4.90		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031062	Hematocrit (L/L)	Screening	2020-05-28 17:28 (-7)	0.472 (H)		0.33 - 0.47
		Unscheduled	2020-06-01 15:53 (-3)	0.506 (H)		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-28 17:28 (-7)	149		110 - 155
		Unscheduled	2020-06-01 15:53 (-3)	146		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-28 17:28 (-7)	<0.03		0 - 0.07
		Unscheduled	2020-06-01 15:53 (-3)	0.07		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-28 17:28 (-7)	0.2		0 - 1
		Unscheduled	2020-06-01 15:53 (-3)	1.0		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-28 17:28 (-7)	5.93		3.7 - 11
		Unscheduled	2020-06-01 15:53 (-3)	7.08		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-28 17:28 (-7)	2.17		0.9 - 3.6
		Unscheduled	2020-06-01 15:53 (-3)	2.27		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031062	Lymphocytes/Leukocytes (%)	Screening	2020-05-28 17:28 (-7)	36.6		12 - 46
		Unscheduled	2020-06-01 15:53 (-3)	32.1		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-28 17:28 (-7)	0.47		0 - 1.2
		Unscheduled	2020-06-01 15:53 (-3)	0.69		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-28 17:28 (-7)	7.9		0 - 11
		Unscheduled	2020-06-01 15:53 (-3)	9.7		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-28 17:28 (-7)	3.16		1.7 - 7.9
		Unscheduled	2020-06-01 15:53 (-3)	3.84		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-28 17:28 (-7)	53.3		34 - 71
		Unscheduled	2020-06-01 15:53 (-3)	54.3		34 - 71
	Platelets (10^9/L)	Screening	2020-05-28 17:28 (-7)	227		163 - 375
		Unscheduled	2020-06-01 15:53 (-3)	229		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031073	Basophils (10^9/L)	Screening	2020-05-29 13:55 (-4)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-29 13:55 (-4)	0.7		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-29 13:55 (-4)	0.04		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-29 13:55 (-4)	0.9		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-29 13:55 (-4)	5.36		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-05-29 13:55 (-4)	0.471		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-05-29 13:55 (-4)	151		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-05-29 13:55 (-4)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-29 13:55 (-4)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-29 13:55 (-4)	4.49		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-29 13:55 (-4)	1.40		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-29 13:55 (-4)	31.2		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031073	Monocytes (10^9/L)	Screening	2020-05-29 13:55 (-4)	0.51		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-29 13:55 (-4)	11.4 (H)		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-29 13:55 (-4)	2.50		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-29 13:55 (-4)	55.6		34 - 71
	Platelets (10^9/L)	Screening	2020-05-29 13:55 (-4)	175		163 - 375
US2031079	Basophils (10^9/L)	Screening	2020-06-02 11:35 (-2)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-02 11:35 (-2)	0.6		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-02 11:35 (-2)	0.15		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-02 11:35 (-2)	2.8		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-02 11:35 (-2)	4.39		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-02 11:35 (-2)	0.469		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-02 11:35 (-2)	141		110 - 155

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031079	Immature Granulocytes (10^9/L)	Screening	2020-06-02 11:35 (-2)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-02 11:35 (-2)	0.4		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-02 11:35 (-2)	5.45		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-02 11:35 (-2)	1.47		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-02 11:35 (-2)	27.0		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-02 11:35 (-2)	0.40		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-02 11:35 (-2)	7.3		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-02 11:35 (-2)	3.38		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-02 11:35 (-2)	61.9		34 - 71
	Platelets (10^9/L)	Screening	2020-06-02 11:35 (-2)	243		163 - 375
US2031084	Basophils (10^9/L)	Screening	2020-06-05 08:28 (-5)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-05 08:28 (-5)	0.9		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031084	Eosinophils (10^9/L)	Screening	2020-06-05 08:28 (-5)	0.12		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-05 08:28 (-5)	2.6		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-05 08:28 (-5)	5.16		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-05 08:28 (-5)	0.512 (H)		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-05 08:28 (-5)	156		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-05 08:28 (-5)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-05 08:28 (-5)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-05 08:28 (-5)	4.56		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-05 08:28 (-5)	2.08		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-05 08:28 (-5)	45.6		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-05 08:28 (-5)	0.49		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-05 08:28 (-5)	10.7		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031084	Neutrophils (10^9/L)	Screening	2020-06-05 08:28 (-5)	1.82	G1 Neutrophils Decreased	1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-05 08:28 (-5)	40.0		34 - 71
	Platelets (10^9/L)	Screening	2020-06-05 08:28 (-5)	222		163 - 375
US2041008	Basophils (10^9/L)	Screening	2020-05-26 10:24 (-6)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-26 10:24 (-6)	0.8		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-26 10:24 (-6)	0.03		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-26 10:24 (-6)	0.8		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-26 10:24 (-6)	4.59 (L)		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-05-26 10:24 (-6)	0.448		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-05-26 10:24 (-6)	142		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-05-26 10:24 (-6)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-26 10:24 (-6)	0.0		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041008	Leukocytes (10^9/L)	Screening	2020-05-26 10:24 (-6)	3.76		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-26 10:24 (-6)	1.65		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-26 10:24 (-6)	43.9		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-26 10:24 (-6)	0.37		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-26 10:24 (-6)	9.8		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-26 10:24 (-6)	1.68 (L)	G1 Neutrophils Decreased	1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-26 10:24 (-6)	44.7		34 - 71
	Platelets (10^9/L)	Screening	2020-05-26 10:24 (-6)	178		163 - 375
US2041010	Basophils (10^9/L)	Screening	2020-05-26 11:13 (-3)	0.05		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-26 11:13 (-3)	0.9		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-26 11:13 (-3)	0.19		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-26 11:13 (-3)	3.4		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041010	Erythrocytes (10^12/L)	Screening	2020-05-26 11:13 (-3)	4.55		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-26 11:13 (-3)	0.451		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-26 11:13 (-3)	142		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-26 11:13 (-3)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-26 11:13 (-3)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-26 11:13 (-3)	5.54		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-26 11:13 (-3)	1.73		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-26 11:13 (-3)	31.2		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-26 11:13 (-3)	0.46		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-26 11:13 (-3)	8.3		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-26 11:13 (-3)	3.10		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-26 11:13 (-3)	56.0		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041010	Platelets (10^9/L)	Screening	2020-05-26 11:13 (-3)	277		163 - 375
US2041024	Basophils (10^9/L)	Screening	2020-05-27 08:30 (-7)	<0.03		0 - 0.3
		Unscheduled	2020-06-01 07:15 (-2)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-27 08:30 (-7)	0.4		0 - 3
		Unscheduled	2020-06-01 07:15 (-2)	0.3		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-27 08:30 (-7)	0.30		0 - 0.8
		Unscheduled	2020-06-01 07:15 (-2)	0.35		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-27 08:30 (-7)	5.5		0 - 7
		Unscheduled	2020-06-01 07:15 (-2)	6.0		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-27 08:30 (-7)	5.10		4.63 - 6.08
		Unscheduled	2020-06-01 07:15 (-2)	5.30		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-05-27 08:30 (-7)	0.477		0.37 - 0.51

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041024	Hematocrit (L/L)	Unscheduled	2020-06-01 07:15 (-2)	0.497		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-05-27 08:30 (-7)	157		125 - 170
		Unscheduled	2020-06-01 07:15 (-2)	160		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-05-27 08:30 (-7)	<0.03		0 - 0.07
		Unscheduled	2020-06-01 07:15 (-2)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-27 08:30 (-7)	0.2		0 - 1
		Unscheduled	2020-06-01 07:15 (-2)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-27 08:30 (-7)	5.45		3.7 - 11
		Unscheduled	2020-06-01 07:15 (-2)	5.84		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-27 08:30 (-7)	2.29		0.9 - 3.6
		Unscheduled	2020-06-01 07:15 (-2)	2.81		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-27 08:30 (-7)	42.0		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041024	Lymphocytes/Leukocytes (%)	Unscheduled	2020-06-01 07:15 (-2)	48.1 (H)		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-27 08:30 (-7)	0.32		0 - 1.2
		Unscheduled	2020-06-01 07:15 (-2)	0.28		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-27 08:30 (-7)	5.9		0 - 11
		Unscheduled	2020-06-01 07:15 (-2)	4.8		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-27 08:30 (-7)	2.51		1.7 - 7.9
		Unscheduled	2020-06-01 07:15 (-2)	2.37		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-27 08:30 (-7)	46.0		34 - 71
		Unscheduled	2020-06-01 07:15 (-2)	40.6		34 - 71
	Platelets (10^9/L)	Screening	2020-05-27 08:30 (-7)	184		163 - 375
		Unscheduled	2020-06-01 07:15 (-2)	192		163 - 375
US2041026	Basophils (10^9/L)	Screening	2020-05-27 09:47 (-6)	0.04		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041026	Basophils/Leukocytes (%)	Screening	2020-05-27 09:47 (-6)	0.8		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-27 09:47 (-6)	0.12		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-27 09:47 (-6)	2.4		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-27 09:47 (-6)	5.18		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-05-27 09:47 (-6)	0.508		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-05-27 09:47 (-6)	164		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-05-27 09:47 (-6)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-27 09:47 (-6)	0.4		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-27 09:47 (-6)	5.00		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-27 09:47 (-6)	1.77		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-27 09:47 (-6)	35.4		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-27 09:47 (-6)	0.51		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041026	Monocytes/Leukocytes (%)	Screening	2020-05-27 09:47 (-6)	10.2		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-27 09:47 (-6)	2.54		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-27 09:47 (-6)	50.8		34 - 71
	Platelets (10^9/L)	Screening	2020-05-27 09:47 (-6)	308		163 - 375
US2041041	Basophils (10^9/L)	Screening	2020-05-27 15:55 (-5)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-27 15:55 (-5)	0.4		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-27 15:55 (-5)	<0.03		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-27 15:55 (-5)	0.1		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-27 15:55 (-5)	4.46 (L)		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-05-27 15:55 (-5)	0.430		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-05-27 15:55 (-5)	137		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-05-27 15:55 (-5)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041041	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-27 15:55 (-5)	0.1		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-27 15:55 (-5)	7.30		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-27 15:55 (-5)	1.82		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-27 15:55 (-5)	24.9		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-27 15:55 (-5)	0.52		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-27 15:55 (-5)	7.1		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-27 15:55 (-5)	4.91		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-27 15:55 (-5)	67.4		34 - 71
	Platelets (10^9/L)	Screening	2020-05-27 15:55 (-5)	210		163 - 375
US2041046	Basophils (10^9/L)	Screening	2020-05-28 08:09 (-7)	0.05		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-28 08:09 (-7)	0.6		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-28 08:09 (-7)	0.49		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041046	Eosinophils/Leukocytes (%)	Screening	2020-05-28 08:09 (-7)	5.5		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-28 08:09 (-7)	5.70		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-05-28 08:09 (-7)	0.521 (H)		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-05-28 08:09 (-7)	172 (H)		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-05-28 08:09 (-7)	0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-28 08:09 (-7)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-28 08:09 (-7)	8.99		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-28 08:09 (-7)	3.42		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-28 08:09 (-7)	38.0		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-28 08:09 (-7)	0.77		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-28 08:09 (-7)	8.6		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-28 08:09 (-7)	4.23		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041046	Neutrophils/Leukocytes (%)	Screening	2020-05-28 08:09 (-7)	47.0		34 - 71
	Platelets (10^9/L)	Screening	2020-05-28 08:09 (-7)	299		163 - 375
US2041048	Basophils (10^9/L)	Screening	2020-05-28 09:03 (-5)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-28 09:03 (-5)	0.4		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-28 09:03 (-5)	0.12		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-28 09:03 (-5)	1.7		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-28 09:03 (-5)	4.69		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-28 09:03 (-5)	0.440		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-28 09:03 (-5)	138		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-28 09:03 (-5)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-28 09:03 (-5)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-28 09:03 (-5)	7.18		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041048	Lymphocytes (10^9/L)	Screening	2020-05-28 09:03 (-5)	1.28		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-28 09:03 (-5)	17.8		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-28 09:03 (-5)	0.44		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-28 09:03 (-5)	6.1		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-28 09:03 (-5)	5.29		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-28 09:03 (-5)	73.7 (H)		34 - 71
	Platelets (10^9/L)	Screening	2020-05-28 09:03 (-5)	279		163 - 375
US2041060	Basophils (10^9/L)	Screening	2020-05-28 15:03 (-5)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-28 15:03 (-5)	0.6		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-28 15:03 (-5)	0.08		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-28 15:03 (-5)	1.2		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-28 15:03 (-5)	4.57		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041060	Hematocrit (L/L)	Screening	2020-05-28 15:03 (-5)	0.386		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-28 15:03 (-5)	118	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-28 15:03 (-5)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-28 15:03 (-5)	0.1		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-28 15:03 (-5)	6.76		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-28 15:03 (-5)	2.69		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-28 15:03 (-5)	39.8		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-28 15:03 (-5)	0.55		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-28 15:03 (-5)	8.1		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-28 15:03 (-5)	3.39		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-28 15:03 (-5)	50.2		34 - 71
	Platelets (10^9/L)	Screening	2020-05-28 15:03 (-5)	315		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041061	Basophils (10^9/L)	Screening	2020-05-28 15:17 (-5)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-28 15:17 (-5)	0.6		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-28 15:17 (-5)	0.09		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-28 15:17 (-5)	1.9		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-28 15:17 (-5)	4.55		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-28 15:17 (-5)	0.439		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-28 15:17 (-5)	133		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-28 15:17 (-5)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-28 15:17 (-5)	0.0		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-28 15:17 (-5)	4.80		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-28 15:17 (-5)	1.30		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-28 15:17 (-5)	27.1		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041061	Monocytes (10^9/L)	Screening	2020-05-28 15:17 (-5)	0.44		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-28 15:17 (-5)	9.2		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-28 15:17 (-5)	2.94		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-28 15:17 (-5)	61.2		34 - 71
	Platelets (10^9/L)	Screening	2020-05-28 15:17 (-5)	189		163 - 375
US2041073	Basophils (10^9/L)	Screening	2020-05-29 09:42 (-4)	0.12		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-29 09:42 (-4)	1.7		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-29 09:42 (-4)	0.29		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-29 09:42 (-4)	4.1		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-29 09:42 (-4)	5.16		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-29 09:42 (-4)	0.473 (H)		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-29 09:42 (-4)	145		110 - 155

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041073	Immature Granulocytes (10^9/L)	Screening	2020-05-29 09:42 (-4)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-29 09:42 (-4)	0.1		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-29 09:42 (-4)	7.04		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-29 09:42 (-4)	1.64		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-29 09:42 (-4)	23.3		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-29 09:42 (-4)	0.54		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-29 09:42 (-4)	7.7		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-29 09:42 (-4)	4.44		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-29 09:42 (-4)	63.1		34 - 71
	Platelets (10^9/L)	Screening	2020-05-29 09:42 (-4)	325		163 - 375
US2041079	Basophils (10^9/L)	Screening	2020-05-29 12:12 (-5)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-29 12:12 (-5)	0.4		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041079	Eosinophils (10^9/L)	Screening	2020-05-29 12:12 (-5)	0.05		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-29 12:12 (-5)	0.5		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-29 12:12 (-5)	4.19		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-29 12:12 (-5)	0.423		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-29 12:12 (-5)	140		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-29 12:12 (-5)	0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-29 12:12 (-5)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-29 12:12 (-5)	10.79		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-29 12:12 (-5)	1.66		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-29 12:12 (-5)	15.4		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-29 12:12 (-5)	0.55		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-29 12:12 (-5)	5.1		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041079	Neutrophils (10^9/L)	Screening	2020-05-29 12:12 (-5)	8.46 (H)		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-29 12:12 (-5)	78.3 (H)		34 - 71
	Platelets (10^9/L)	Screening	2020-05-29 12:12 (-5)	334		163 - 375
US2041080	Basophils (10^9/L)	Screening	2020-05-29 12:20 (-5)	0.06		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-29 12:20 (-5)	0.6		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-29 12:20 (-5)	0.03		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-29 12:20 (-5)	0.3		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-29 12:20 (-5)	4.38		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-29 12:20 (-5)	0.469		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-29 12:20 (-5)	141		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-29 12:20 (-5)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-29 12:20 (-5)	0.2		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041080	Leukocytes (10^9/L)	Screening	2020-05-29 12:20 (-5)	10.40		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-29 12:20 (-5)	1.88		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-29 12:20 (-5)	18.1		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-29 12:20 (-5)	0.73		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-29 12:20 (-5)	7.0		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-29 12:20 (-5)	7.68		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-29 12:20 (-5)	73.8 (H)		34 - 71
	Platelets (10^9/L)	Screening	2020-05-29 12:20 (-5)	228		163 - 375
US2041084	Basophils (10^9/L)	Screening	2020-06-01 12:44 (-3)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-01 12:44 (-3)	0.9		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-01 12:44 (-3)	0.22		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-01 12:44 (-3)	5.0		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041084	Erythrocytes (10^12/L)	Screening	2020-06-01 12:44 (-3)	4.12		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-01 12:44 (-3)	0.392		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-01 12:44 (-3)	122		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-01 12:44 (-3)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-01 12:44 (-3)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-01 12:44 (-3)	4.40		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-01 12:44 (-3)	1.97		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-01 12:44 (-3)	44.8		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-01 12:44 (-3)	0.42		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-01 12:44 (-3)	9.5		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-01 12:44 (-3)	1.74	G1 Neutrophils Decreased	1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-01 12:44 (-3)	39.6		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041084	Platelets (10^9/L)	Screening	2020-06-01 12:44 (-3)	251		163 - 375
US2051001	Basophils (10^9/L)	Screening	2020-05-26 09:13 (-9)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-26 09:13 (-9)	0.6		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-26 09:13 (-9)	0.14		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-26 09:13 (-9)	2.9		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-26 09:13 (-9)	5.46		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-05-26 09:13 (-9)	0.500		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-05-26 09:13 (-9)	154		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-05-26 09:13 (-9)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-26 09:13 (-9)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-26 09:13 (-9)	4.76		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-26 09:13 (-9)	1.93		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051001	Lymphocytes/Leukocytes (%)	Screening	2020-05-26 09:13 (-9)	40.5		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-26 09:13 (-9)	0.35		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-26 09:13 (-9)	7.4		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-26 09:13 (-9)	2.30		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-26 09:13 (-9)	48.4		34 - 71
	Platelets (10^9/L)	Screening	2020-05-26 09:13 (-9)	244		163 - 375
US2051002	Basophils (10^9/L)	Screening	2020-05-26 10:06 (-7)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-26 10:06 (-7)	0.3		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-26 10:06 (-7)	0.08		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-26 10:06 (-7)	1.2		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-26 10:06 (-7)	4.33		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-26 10:06 (-7)	0.424		0.33 - 0.47

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051002	Hemoglobin (g/L)	Screening	2020-05-26 10:06 (-7)	127		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-26 10:06 (-7)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-26 10:06 (-7)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-26 10:06 (-7)	6.42		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-26 10:06 (-7)	1.68		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-26 10:06 (-7)	26.2		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-26 10:06 (-7)	0.43		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-26 10:06 (-7)	6.7		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-26 10:06 (-7)	4.20		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-26 10:06 (-7)	65.4		34 - 71
	Platelets (10^9/L)	Screening	2020-05-26 10:06 (-7)	248		163 - 375
US2051003	Basophils (10^9/L)	Screening	2020-05-26 09:56 (-3)	<0.03		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051003	Basophils/Leukocytes (%)	Screening	2020-05-26 09:56 (-3)	0.4		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-26 09:56 (-3)	0.13		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-26 09:56 (-3)	2.3		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-26 09:56 (-3)	5.50		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-05-26 09:56 (-3)	0.467		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-05-26 09:56 (-3)	154		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-05-26 09:56 (-3)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-26 09:56 (-3)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-26 09:56 (-3)	5.65		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-26 09:56 (-3)	2.07		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-26 09:56 (-3)	36.6		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-26 09:56 (-3)	0.50		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051003	Monocytes/Leukocytes (%)	Screening	2020-05-26 09:56 (-3)	8.8		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-26 09:56 (-3)	2.92		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-26 09:56 (-3)	51.7		34 - 71
	Platelets (10^9/L)	Screening	2020-05-26 09:56 (-3)	235		163 - 375
US2051012	Basophils (10^9/L)	Screening	2020-05-27 12:43 (-6)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-27 12:43 (-6)	0.9		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-27 12:43 (-6)	0.29		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-27 12:43 (-6)	6.2		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-27 12:43 (-6)	5.59		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-05-27 12:43 (-6)	0.477		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-05-27 12:43 (-6)	149		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-05-27 12:43 (-6)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051012	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-27 12:43 (-6)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-27 12:43 (-6)	4.67		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-27 12:43 (-6)	1.77		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-27 12:43 (-6)	37.9		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-27 12:43 (-6)	0.40		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-27 12:43 (-6)	8.6		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-27 12:43 (-6)	2.16		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-27 12:43 (-6)	46.2		34 - 71
	Platelets (10^9/L)	Screening	2020-05-27 12:43 (-6)	173		163 - 375
US2051013	Basophils (10^9/L)	Screening	2020-05-27 13:05 (-7)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-27 13:05 (-7)	0.4		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-27 13:05 (-7)	0.07		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051013	Eosinophils/Leukocytes (%)	Screening	2020-05-27 13:05 (-7)	1.3		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-27 13:05 (-7)	5.68		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-05-27 13:05 (-7)	0.527 (H)		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-05-27 13:05 (-7)	173 (H)		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-05-27 13:05 (-7)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-27 13:05 (-7)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-27 13:05 (-7)	5.34		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-27 13:05 (-7)	1.76		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-27 13:05 (-7)	33.0		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-27 13:05 (-7)	0.61		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-27 13:05 (-7)	11.4 (H)		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-27 13:05 (-7)	2.87		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051013	Neutrophils/Leukocytes (%)	Screening	2020-05-27 13:05 (-7)	53.7		34 - 71
	Platelets (10^9/L)	Screening	2020-05-27 13:05 (-7)	232		163 - 375
US2051017	Basophils (10^9/L)	Screening	2020-05-27 14:34 (-9)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-27 14:34 (-9)	0.3		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-27 14:34 (-9)	0.11		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-27 14:34 (-9)	1.5		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-27 14:34 (-9)	5.22		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-05-27 14:34 (-9)	0.468		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-05-27 14:34 (-9)	157		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-05-27 14:34 (-9)	0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-27 14:34 (-9)	0.4		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-27 14:34 (-9)	7.23		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051017	Lymphocytes (10^9/L)	Screening	2020-05-27 14:34 (-9)	2.23		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-27 14:34 (-9)	30.8		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-27 14:34 (-9)	0.50		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-27 14:34 (-9)	6.9		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-27 14:34 (-9)	4.34		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-27 14:34 (-9)	60.1		34 - 71
	Platelets (10^9/L)	Screening	2020-05-27 14:34 (-9)	223		163 - 375
US2051019	Basophils (10^9/L)	Screening	2020-05-27 15:35 (-13)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-27 15:35 (-13)	0.8		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-27 15:35 (-13)	0.08		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-27 15:35 (-13)	1.7		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-27 15:35 (-13)	5.26 (H)		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051019	Hematocrit (L/L)	Screening	2020-05-27 15:35 (-13)	0.470		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-27 15:35 (-13)	156 (H)		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-27 15:35 (-13)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-27 15:35 (-13)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-27 15:35 (-13)	4.75		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-27 15:35 (-13)	1.67		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-27 15:35 (-13)	35.2		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-27 15:35 (-13)	0.36		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-27 15:35 (-13)	7.6		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-27 15:35 (-13)	2.59		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-27 15:35 (-13)	54.5		34 - 71
	Platelets (10^9/L)	Screening	2020-05-27 15:35 (-13)	264		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051020	Basophils (10^9/L)	Screening	2020-05-27 16:00 (-8)	0.07		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-27 16:00 (-8)	1.1		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-27 16:00 (-8)	0.03		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-27 16:00 (-8)	0.5		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-27 16:00 (-8)	4.13		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-27 16:00 (-8)	0.411		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-27 16:00 (-8)	131		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-27 16:00 (-8)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-27 16:00 (-8)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-27 16:00 (-8)	6.62		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-27 16:00 (-8)	1.69		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-27 16:00 (-8)	25.5		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051020	Monocytes (10^9/L)	Screening	2020-05-27 16:00 (-8)	0.65		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-27 16:00 (-8)	9.8		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-27 16:00 (-8)	4.17		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-27 16:00 (-8)	62.9		34 - 71
	Platelets (10^9/L)	Screening	2020-05-27 16:00 (-8)	240		163 - 375
US2051024	Basophils (10^9/L)	Screening	2020-05-28 10:00 (-5)	0.05		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-28 10:00 (-5)	0.8		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-28 10:00 (-5)	0.07		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-28 10:00 (-5)	1.2		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-28 10:00 (-5)	4.21		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-28 10:00 (-5)	0.406		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-28 10:00 (-5)	125		110 - 155

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051024	Immature Granulocytes (10^9/L)	Screening	2020-05-28 10:00 (-5)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-28 10:00 (-5)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-28 10:00 (-5)	6.04		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-28 10:00 (-5)	2.07		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-28 10:00 (-5)	34.3		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-28 10:00 (-5)	0.44		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-28 10:00 (-5)	7.3		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-28 10:00 (-5)	3.39		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-28 10:00 (-5)	56.1		34 - 71
	Platelets (10^9/L)	Screening	2020-05-28 10:00 (-5)	269		163 - 375
US2051025	Basophils (10^9/L)	Screening	2020-05-28 10:37 (-8)	0.05		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-28 10:37 (-8)	0.7		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051025	Eosinophils (10^9/L)	Screening	2020-05-28 10:37 (-8)	0.12		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-28 10:37 (-8)	1.7		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-28 10:37 (-8)	4.79		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-28 10:37 (-8)	0.453		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-28 10:37 (-8)	138		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-28 10:37 (-8)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-28 10:37 (-8)	0.1		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-28 10:37 (-8)	7.14		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-28 10:37 (-8)	2.34		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-28 10:37 (-8)	32.8		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-28 10:37 (-8)	0.37		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-28 10:37 (-8)	5.2		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051025	Neutrophils (10^9/L)	Screening	2020-05-28 10:37 (-8)	4.25		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-28 10:37 (-8)	59.5		34 - 71
	Platelets (10^9/L)	Screening	2020-05-28 10:37 (-8)	323		163 - 375
US2051026	Basophils (10^9/L)	Screening	2020-05-28 11:03 (-5)	0.08		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-28 11:03 (-5)	1.4		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-28 11:03 (-5)	0.31		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-28 11:03 (-5)	5.5		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-28 11:03 (-5)	5.88		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-05-28 11:03 (-5)	0.535 (H)		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-05-28 11:03 (-5)	165		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-05-28 11:03 (-5)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-28 11:03 (-5)	0.2		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051026	Leukocytes (10^9/L)	Screening	2020-05-28 11:03 (-5)	5.64		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-28 11:03 (-5)	1.81		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-28 11:03 (-5)	32.1		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-28 11:03 (-5)	0.59		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-28 11:03 (-5)	10.5		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-28 11:03 (-5)	2.84		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-28 11:03 (-5)	50.3		34 - 71
	Platelets (10^9/L)	Screening	2020-05-28 11:03 (-5)	179		163 - 375
US2051028	Basophils (10^9/L)	Screening	2020-05-28 12:12 (-7)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-28 12:12 (-7)	0.4		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-28 12:12 (-7)	0.18		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-28 12:12 (-7)	3.6		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051028	Erythrocytes (10^12/L)	Screening	2020-05-28 12:12 (-7)	5.55		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-05-28 12:12 (-7)	0.482		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-05-28 12:12 (-7)	149		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-05-28 12:12 (-7)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-28 12:12 (-7)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-28 12:12 (-7)	5.03		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-28 12:12 (-7)	2.12		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-28 12:12 (-7)	42.1		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-28 12:12 (-7)	0.33		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-28 12:12 (-7)	6.6		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-28 12:12 (-7)	2.37		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-28 12:12 (-7)	47.1		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051028	Platelets (10^9/L)	Screening	2020-05-28 12:12 (-7)	273		163 - 375
US2051029	Basophils (10^9/L)	Screening	2020-05-28 12:30 (-7)	0.05		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-28 12:30 (-7)	0.8		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-28 12:30 (-7)	0.35		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-28 12:30 (-7)	5.4		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-28 12:30 (-7)	5.38		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-05-28 12:30 (-7)	0.513 (H)		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-05-28 12:30 (-7)	159		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-05-28 12:30 (-7)	0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-28 12:30 (-7)	0.5		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-28 12:30 (-7)	6.50		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-28 12:30 (-7)	2.82		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051029	Lymphocytes/Leukocytes (%)	Screening	2020-05-28 12:30 (-7)	43.4		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-28 12:30 (-7)	0.49		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-28 12:30 (-7)	7.5		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-28 12:30 (-7)	2.76		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-28 12:30 (-7)	42.4		34 - 71
	Platelets (10^9/L)	Screening	2020-05-28 12:30 (-7)	337		163 - 375
US2051030	Basophils (10^9/L)	Screening	2020-05-28 13:11 (-6)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-28 13:11 (-6)	0.8		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-28 13:11 (-6)	0.05		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-28 13:11 (-6)	1.0		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-28 13:11 (-6)	4.43		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-28 13:11 (-6)	0.437		0.33 - 0.47

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051030	Hemoglobin (g/L)	Screening	2020-05-28 13:11 (-6)	136		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-28 13:11 (-6)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-28 13:11 (-6)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-28 13:11 (-6)	5.20		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-28 13:11 (-6)	1.80		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-28 13:11 (-6)	34.6		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-28 13:11 (-6)	0.45		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-28 13:11 (-6)	8.7		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-28 13:11 (-6)	2.85		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-28 13:11 (-6)	54.7		34 - 71
	Platelets (10^9/L)	Screening	2020-05-28 13:11 (-6)	231		163 - 375
US2051045	Basophils (10^9/L)	Screening	2020-06-03 14:36 (-7)	0.04		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051045	Basophils (10^9/L)	Unscheduled	2020-06-08 16:28 (-2)	0.06		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-03 14:36 (-7)	0.4		0 - 3
		Unscheduled	2020-06-08 16:28 (-2)	0.6		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-03 14:36 (-7)	<0.03		0 - 0.8
		Unscheduled	2020-06-08 16:28 (-2)	0.08		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-03 14:36 (-7)	0.2		0 - 7
		Unscheduled	2020-06-08 16:28 (-2)	0.8		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-03 14:36 (-7)	5.79		4.63 - 6.08
		Unscheduled	2020-06-08 16:28 (-2)	5.28		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-03 14:36 (-7)	0.534 (H)		0.37 - 0.51
		Unscheduled	2020-06-08 16:28 (-2)	0.487		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-03 14:36 (-7)	174 (H)		125 - 170

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051045	Hemoglobin (g/L)	Unscheduled	2020-06-08 16:28 (-2)	159		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-03 14:36 (-7)	0.03		0 - 0.07
		Unscheduled	2020-06-08 16:28 (-2)	0.09 (H)		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-03 14:36 (-7)	0.3		0 - 1
		Unscheduled	2020-06-08 16:28 (-2)	0.9		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-03 14:36 (-7)	11.02 (H)	G1 WBC Increased	3.7 - 11
		Unscheduled	2020-06-08 16:28 (-2)	10.11		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-03 14:36 (-7)	2.01		0.9 - 3.6
		Unscheduled	2020-06-08 16:28 (-2)	2.68		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-03 14:36 (-7)	18.2		12 - 46
		Unscheduled	2020-06-08 16:28 (-2)	26.5		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-03 14:36 (-7)	0.62		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051045	Monocytes (10^9/L)	Unscheduled	2020-06-08 16:28 (-2)	0.83		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-03 14:36 (-7)	5.6		0 - 11
		Unscheduled	2020-06-08 16:28 (-2)	8.2		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-03 14:36 (-7)	8.30 (H)		1.7 - 7.9
		Unscheduled	2020-06-08 16:28 (-2)	6.37		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-03 14:36 (-7)	75.3 (H)		34 - 71
		Unscheduled	2020-06-08 16:28 (-2)	63.0		34 - 71
	Platelets (10^9/L)	Screening	2020-06-03 14:36 (-7)	228		163 - 375
		Unscheduled	2020-06-08 16:28 (-2)	235		163 - 375
US2061008	Basophils (10^9/L)	Screening	2020-05-28 13:49 (-6)	0.08		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-28 13:49 (-6)	1.2		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-28 13:49 (-6)	0.17		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061008	Eosinophils/Leukocytes (%)	Screening	2020-05-28 13:49 (-6)	2.4		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-28 13:49 (-6)	5.32		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-05-28 13:49 (-6)	0.500		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-05-28 13:49 (-6)	164		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-05-28 13:49 (-6)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-28 13:49 (-6)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-28 13:49 (-6)	6.94		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-28 13:49 (-6)	1.94		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-28 13:49 (-6)	28.0		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-28 13:49 (-6)	0.60		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-28 13:49 (-6)	8.6		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-28 13:49 (-6)	4.13		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061008	Neutrophils/Leukocytes (%)	Screening	2020-05-28 13:49 (-6)	59.5		34 - 71
	Platelets (10^9/L)	Screening	2020-05-28 13:49 (-6)	219		163 - 375
US2061010	Basophils (10^9/L)	Screening	2020-05-28 15:04 (-6)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-28 15:04 (-6)	0.9		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-28 15:04 (-6)	0.25		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-28 15:04 (-6)	5.5		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-28 15:04 (-6)	4.40 (L)		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-05-28 15:04 (-6)	0.413		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-05-28 15:04 (-6)	135	G1 Hemoglobin Decreased	125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-05-28 15:04 (-6)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-28 15:04 (-6)	0.0		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-28 15:04 (-6)	4.56		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061010	Lymphocytes (10^9/L)	Screening	2020-05-28 15:04 (-6)	1.13		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-28 15:04 (-6)	24.8		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-28 15:04 (-6)	0.52		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-28 15:04 (-6)	11.4 (H)		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-28 15:04 (-6)	2.62		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-28 15:04 (-6)	57.4		34 - 71
	Platelets (10^9/L)	Screening	2020-05-28 15:04 (-6)	234		163 - 375
US2061020	Basophils (10^9/L)	Screening	2020-05-29 11:00 (-10)	0.05		0 - 0.3
		Unscheduled	2020-08-04 (58)	0.06		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-29 11:00 (-10)	0.9		0 - 3
		Unscheduled	2020-08-04 (58)	1.2		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-29 11:00 (-10)	0.06		0 - 0.8
		Unscheduled	2020-08-04 (58)	0.10		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061020	Eosinophils/Leukocytes (%)	Screening	2020-05-29 11:00 (-10)	1.1		0 - 7
		Unscheduled	2020-08-04 (58)	2.0		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-29 11:00 (-10)	4.92		4.63 - 6.08
		Unscheduled	2020-08-04 (58)	5.44		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-05-29 11:00 (-10)	0.464		0.37 - 0.51
		Unscheduled	2020-08-04 (58)	0.513 (H)		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-05-29 11:00 (-10)	144		125 - 170
		Unscheduled	2020-08-04 (58)	155		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-05-29 11:00 (-10)	<0.03		0 - 0.07
		Unscheduled	2020-08-04 (58)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-29 11:00 (-10)	0.4		0 - 1
		Unscheduled	2020-08-04 (58)	0.4		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-29 11:00 (-10)	5.50		3.7 - 11
		Unscheduled	2020-08-04 (58)	5.01		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-29 11:00 (-10)	1.57		0.9 - 3.6
		Unscheduled	2020-08-04 (58)	1.67		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061020	Lymphocytes/Leukocytes (%)	Screening	2020-05-29 11:00 (-10)	28.5		12 - 46
		Unscheduled	2020-08-04 (58)	33.3		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-29 11:00 (-10)	0.48		0 - 1.2
		Unscheduled	2020-08-04 (58)	0.55		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-29 11:00 (-10)	8.7		0 - 11
		Unscheduled	2020-08-04 (58)	11.0		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-29 11:00 (-10)	3.32		1.7 - 7.9
		Unscheduled	2020-08-04 (58)	2.61		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-29 11:00 (-10)	60.4		34 - 71
		Unscheduled	2020-08-04 (58)	52.1		34 - 71
	Platelets (10^9/L)	Screening	2020-05-29 11:00 (-10)	250		163 - 375
		Unscheduled	2020-08-04 (58)	225		163 - 375
US2061023	Basophils (10^9/L)	Screening	2020-05-29 14:17 (-7)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-29 14:17 (-7)	0.4		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-29 14:17 (-7)	0.06		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061023	Eosinophils/Leukocytes (%)	Screening	2020-05-29 14:17 (-7)	0.9		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-29 14:17 (-7)	4.70		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-29 14:17 (-7)	0.424		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-29 14:17 (-7)	129		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-29 14:17 (-7)	0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-29 14:17 (-7)	0.4		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-29 14:17 (-7)	7.03		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-29 14:17 (-7)	2.38		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-29 14:17 (-7)	33.9		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-29 14:17 (-7)	0.67		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-29 14:17 (-7)	9.5		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-29 14:17 (-7)	3.86		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061023	Neutrophils/Leukocytes (%)	Screening	2020-05-29 14:17 (-7)	54.9		34 - 71
	Platelets (10^9/L)	Screening	2020-05-29 14:17 (-7)	243		163 - 375
US2061025	Basophils (10^9/L)	Screening	2020-05-29 16:10 (-5)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-29 16:10 (-5)	0.5		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-29 16:10 (-5)	0.18		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-29 16:10 (-5)	2.9		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-29 16:10 (-5)	4.76		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-05-29 16:10 (-5)	0.446		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-05-29 16:10 (-5)	145		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-05-29 16:10 (-5)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-29 16:10 (-5)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-29 16:10 (-5)	6.15		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061025	Lymphocytes (10^9/L)	Screening	2020-05-29 16:10 (-5)	2.14		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-29 16:10 (-5)	34.8		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-29 16:10 (-5)	0.40		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-29 16:10 (-5)	6.5		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-29 16:10 (-5)	3.38		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-29 16:10 (-5)	55.0		34 - 71
	Platelets (10^9/L)	Screening	2020-05-29 16:10 (-5)	183		163 - 375
US2061027	Basophils (10^9/L)	Screening	2020-06-02 14:33 (-3)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-02 14:33 (-3)	0.5		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-02 14:33 (-3)	0.09		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-02 14:33 (-3)	1.4		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-02 14:33 (-3)	4.40		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061027	Hematocrit (L/L)	Screening	2020-06-02 14:33 (-3)	0.411		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-02 14:33 (-3)	125		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-02 14:33 (-3)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-02 14:33 (-3)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-02 14:33 (-3)	6.59		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-02 14:33 (-3)	1.85		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-02 14:33 (-3)	28.1		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-02 14:33 (-3)	0.51		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-02 14:33 (-3)	7.7		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-02 14:33 (-3)	4.10		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-02 14:33 (-3)	62.1		34 - 71
	Platelets (10^9/L)	Screening	2020-06-02 14:33 (-3)	336		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071002	Basophils (10^9/L)	Screening	2020-05-22 13:37 (-10)	0.04		0 - 0.3
		Unscheduled	2020-07-09 (39)	0.06		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-22 13:37 (-10)	0.6		0 - 3
		Unscheduled	2020-07-09 (39)	0.8		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-22 13:37 (-10)	0.08		0 - 0.8
		Unscheduled	2020-07-09 (39)	0.14		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-22 13:37 (-10)	1.3		0 - 7
		Unscheduled	2020-07-09 (39)	1.8		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-22 13:37 (-10)	4.51		3.7 - 5.2
		Unscheduled	2020-07-09 (39)	4.60		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-22 13:37 (-10)	0.423		0.33 - 0.47
		Unscheduled	2020-07-09 (39)	0.460		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-22 13:37 (-10)	134		110 - 155
		Unscheduled	2020-07-09 (39)	136		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-22 13:37 (-10)	<0.03		0 - 0.07
		Unscheduled	2020-07-09 (39)	0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071002	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-22 13:37 (-10)	0.3		0 - 1
		Unscheduled	2020-07-09 (39)	0.4		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-22 13:37 (-10)	6.18		3.7 - 11
		Unscheduled	2020-07-09 (39)	7.76		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-22 13:37 (-10)	1.94		0.9 - 3.6
		Unscheduled	2020-07-09 (39)	2.00		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-22 13:37 (-10)	31.4		12 - 46
		Unscheduled	2020-07-09 (39)	25.8		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-22 13:37 (-10)	0.65		0 - 1.2
		Unscheduled	2020-07-09 (39)	0.73		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-22 13:37 (-10)	10.5		0 - 11
		Unscheduled	2020-07-09 (39)	9.4		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-22 13:37 (-10)	3.45		1.7 - 7.9
		Unscheduled	2020-07-09 (39)	4.80		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-22 13:37 (-10)	55.9		34 - 71
		Unscheduled	2020-07-09 (39)	61.8		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071002	Platelets (10^9/L)	Screening	2020-05-22 13:37 (-10)	307		163 - 375
		Unscheduled	2020-07-09 (39)	328		163 - 375
US2071016	Basophils (10^9/L)	Screening	2020-05-25 17:22 (-9)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-25 17:22 (-9)	0.4		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-25 17:22 (-9)	0.32		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-25 17:22 (-9)	4.4		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-25 17:22 (-9)	4.90		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-25 17:22 (-9)	0.441		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-25 17:22 (-9)	124		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-25 17:22 (-9)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-25 17:22 (-9)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-25 17:22 (-9)	7.27		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071016	Lymphocytes (10^9/L)	Screening	2020-05-25 17:22 (-9)	2.20		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-25 17:22 (-9)	30.3		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-25 17:22 (-9)	0.44		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-25 17:22 (-9)	6.1		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-25 17:22 (-9)	4.26		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-25 17:22 (-9)	58.5		34 - 71
	Platelets (10^9/L)	Screening	2020-05-25 17:22 (-9)	267		163 - 375
US2071026	Basophils (10^9/L)	Screening	2020-05-26 13:10 (-13)	0.03		0 - 0.3
		Unscheduled	2020-06-04 (-4)	0.06		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-26 13:10 (-13)	0.9		0 - 3
		Unscheduled	2020-06-04 (-4)	1.2		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-26 13:10 (-13)	0.13		0 - 0.8
		Unscheduled	2020-06-04 (-4)	0.25		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071026	Eosinophils/Leukocytes (%)	Screening	2020-05-26 13:10 (-13)	3.8		0 - 7
		Unscheduled	2020-06-04 (-4)	5.1		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-26 13:10 (-13)	5.48		4.63 - 6.08
		Unscheduled	2020-06-04 (-4)	5.58		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-05-26 13:10 (-13)	0.505		0.37 - 0.51
		Unscheduled	2020-06-04 (-4)	0.532 (H)		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-05-26 13:10 (-13)	161		125 - 170
		Unscheduled	2020-06-04 (-4)	162		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-05-26 13:10 (-13)	<0.03		0 - 0.07
		Unscheduled	2020-06-04 (-4)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-26 13:10 (-13)	0.3		0 - 1
		Unscheduled	2020-06-04 (-4)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-26 13:10 (-13)	3.46 (L)	G1 WBC Decreased	3.7 - 11
		Unscheduled	2020-06-04 (-4)	4.90		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-26 13:10 (-13)	1.30		0.9 - 3.6
		Unscheduled	2020-06-04 (-4)	1.86		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071026	Lymphocytes/Leukocytes (%)	Screening	2020-05-26 13:10 (-13)	37.6		12 - 46
		Unscheduled	2020-06-04 (-4)	38.0		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-26 13:10 (-13)	0.22		0 - 1.2
		Unscheduled	2020-06-04 (-4)	0.38		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-26 13:10 (-13)	6.4		0 - 11
		Unscheduled	2020-06-04 (-4)	7.8		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-26 13:10 (-13)	1.77	G1 Neutrophils Decreased	1.7 - 7.9
		Unscheduled	2020-06-04 (-4)	2.34		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-26 13:10 (-13)	51.0		34 - 71
		Unscheduled	2020-06-04 (-4)	47.7		34 - 71
	Platelets (10^9/L)	Screening	2020-05-26 13:10 (-13)	137 (L)	G1 Platelets Decreased	163 - 375
		Unscheduled	2020-06-04 (-4)	237		163 - 375
US2071036	Basophils (10^9/L)	Screening	2020-05-27 11:05 (-12)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-27 11:05 (-12)	0.3		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-27 11:05 (-12)	0.04		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071036	Eosinophils/Leukocytes (%)	Screening	2020-05-27 11:05 (-12)	1.1		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-27 11:05 (-12)	5.54		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-05-27 11:05 (-12)	0.496		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-05-27 11:05 (-12)	159		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-05-27 11:05 (-12)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-27 11:05 (-12)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-27 11:05 (-12)	3.66 (L)		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-27 11:05 (-12)	1.62		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-27 11:05 (-12)	44.3		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-27 11:05 (-12)	0.25		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-27 11:05 (-12)	6.8		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-27 11:05 (-12)	1.73	G1 Neutrophils Decreased	1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071036	Neutrophils/Leukocytes (%)	Screening	2020-05-27 11:05 (-12)	47.2		34 - 71
	Platelets (10^9/L)	Screening	2020-05-27 11:05 (-12)	180		163 - 375
US2071038	Basophils (10^9/L)	Screening	2020-05-27 12:40 (-8)	0.06		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-27 12:40 (-8)	0.9		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-27 12:40 (-8)	0.31		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-27 12:40 (-8)	4.5		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-27 12:40 (-8)	5.75		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-05-27 12:40 (-8)	0.527 (H)		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-05-27 12:40 (-8)	169		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-05-27 12:40 (-8)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-27 12:40 (-8)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-27 12:40 (-8)	6.92		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071038	Lymphocytes (10^9/L)	Screening	2020-05-27 12:40 (-8)	2.06		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-27 12:40 (-8)	29.8		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-27 12:40 (-8)	0.51		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-27 12:40 (-8)	7.4		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-27 12:40 (-8)	3.96		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-27 12:40 (-8)	57.1		34 - 71
	Platelets (10^9/L)	Screening	2020-05-27 12:40 (-8)	234		163 - 375
US2071039	Basophils (10^9/L)	Screening	2020-05-27 17:14 (-9)	0.04		0 - 0.3
		Unscheduled	2020-08-13 17:07 (32)	0.05		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-27 17:14 (-9)	0.8		0 - 3
		Unscheduled	2020-08-13 17:07 (32)	1.1		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-27 17:14 (-9)	0.14		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071039	Eosinophils (10^9/L)	Unscheduled	2020-08-13 17:07 (32)	0.15		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-27 17:14 (-9)	2.8		0 - 7
		Unscheduled	2020-08-13 17:07 (32)	3.2		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-27 17:14 (-9)	4.31		3.7 - 5.2
		Unscheduled	2020-08-13 17:07 (32)	4.33		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-27 17:14 (-9)	0.438		0.33 - 0.47
		Unscheduled	2020-08-13 17:07 (32)	0.464		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-27 17:14 (-9)	129		110 - 155
		Unscheduled	2020-08-13 17:07 (32)	129		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-27 17:14 (-9)	<0.03		0 - 0.07
		Unscheduled	2020-08-13 17:07 (32)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-27 17:14 (-9)	0.0		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071039	Immature Granulocytes/Leukocytes (%)	Unscheduled	2020-08-13 17:07 (32)	0.0		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-27 17:14 (-9)	5.08		3.7 - 11
		Unscheduled	2020-08-13 17:07 (32)	4.73		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-27 17:14 (-9)	1.76		0.9 - 3.6
		Unscheduled	2020-08-13 17:07 (32)	1.69		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-27 17:14 (-9)	34.6		12 - 46
		Unscheduled	2020-08-13 17:07 (32)	35.7		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-27 17:14 (-9)	0.42		0 - 1.2
		Unscheduled	2020-08-13 17:07 (32)	0.51		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-27 17:14 (-9)	8.3		0 - 11
		Unscheduled	2020-08-13 17:07 (32)	10.8		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-27 17:14 (-9)	2.72		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071039	Neutrophils (10^9/L)	Unscheduled	2020-08-13 17:07 (32)	2.33		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-27 17:14 (-9)	53.5		34 - 71
		Unscheduled	2020-08-13 17:07 (32)	49.2		34 - 71
	Platelets (10^9/L)	Screening	2020-05-27 17:14 (-9)	203		163 - 375
		Unscheduled	2020-08-13 17:07 (32)	177		163 - 375
US2071040	Basophils (10^9/L)	Screening	2020-05-28 09:24 (-11)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-28 09:24 (-11)	0.4		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-28 09:24 (-11)	0.04		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-28 09:24 (-11)	0.5		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-28 09:24 (-11)	4.35		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-28 09:24 (-11)	0.440		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-28 09:24 (-11)	130		110 - 155

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071040	Immature Granulocytes (10^9/L)	Screening	2020-05-28 09:24 (-11)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-28 09:24 (-11)	0.1		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-28 09:24 (-11)	7.52		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-28 09:24 (-11)	1.85		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-28 09:24 (-11)	24.6		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-28 09:24 (-11)	0.50		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-28 09:24 (-11)	6.6		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-28 09:24 (-11)	5.09		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-28 09:24 (-11)	67.8		34 - 71
	Platelets (10^9/L)	Screening	2020-05-28 09:24 (-11)	269		163 - 375
US2071051	Basophils (10^9/L)	Screening	2020-05-29 10:31 (-7)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-29 10:31 (-7)	0.3		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071051	Eosinophils (10^9/L)	Screening	2020-05-29 10:31 (-7)	0.03		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-29 10:31 (-7)	0.4		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-29 10:31 (-7)	4.70		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-29 10:31 (-7)	0.465		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-29 10:31 (-7)	145		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-29 10:31 (-7)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-29 10:31 (-7)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-29 10:31 (-7)	7.13		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-29 10:31 (-7)	1.93		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-29 10:31 (-7)	27.1		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-29 10:31 (-7)	0.24		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-29 10:31 (-7)	3.4		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071051	Neutrophils (10^9/L)	Screening	2020-05-29 10:31 (-7)	4.89		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-29 10:31 (-7)	68.5		34 - 71
	Platelets (10^9/L)	Screening	2020-05-29 10:31 (-7)	241		163 - 375
US2071068	Basophils (10^9/L)	Unscheduled	2020-06-05 (-3)	0.05		0 - 0.3
	Basophils/Leukocytes (%)	Unscheduled	2020-06-05 (-3)	0.5		0 - 3
	Eosinophils (10^9/L)	Unscheduled	2020-06-05 (-3)	0.11		0 - 0.8
	Eosinophils/Leukocytes (%)	Unscheduled	2020-06-05 (-3)	1.1		0 - 7
	Erythrocytes (10^12/L)	Unscheduled	2020-06-05 (-3)	5.15		4.63 - 6.08
	Hematocrit (L/L)	Unscheduled	2020-06-05 (-3)	0.413		0.37 - 0.51
	Hemoglobin (g/L)	Unscheduled	2020-06-05 (-3)	122 (L)	G2 Hemoglobin Decreased	125 - 170
	Immature Granulocytes (10^9/L)	Unscheduled	2020-06-05 (-3)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Unscheduled	2020-06-05 (-3)	0.2		0 - 1
	Leukocytes (10^9/L)	Unscheduled	2020-06-05 (-3)	10.28		3.7 - 11
	Lymphocytes (10^9/L)	Unscheduled	2020-06-05 (-3)	3.22		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Unscheduled	2020-06-05 (-3)	31.3		12 - 46
	Monocytes (10^9/L)	Unscheduled	2020-06-05 (-3)	0.53		0 - 1.2
	Monocytes/Leukocytes (%)	Unscheduled	2020-06-05 (-3)	5.2		0 - 11
	Neutrophils (10^9/L)	Unscheduled	2020-06-05 (-3)	6.35		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071068	Neutrophils/Leukocytes (%)	Unscheduled	2020-06-05 (-3)	61.7		34 - 71
	Platelets (10^9/L)	Unscheduled	2020-06-05 (-3)	404 (H)		163 - 375
US2071069	Basophils (10^9/L)	Screening	2020-06-02 11:10 (-6)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-02 11:10 (-6)	0.4		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-02 11:10 (-6)	0.10		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-02 11:10 (-6)	2.1		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-02 11:10 (-6)	5.29		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-02 11:10 (-6)	0.490		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-02 11:10 (-6)	149		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-02 11:10 (-6)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-02 11:10 (-6)	0.4		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-02 11:10 (-6)	4.71		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-02 11:10 (-6)	2.03		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071069	Lymphocytes/Leukocytes (%)	Screening	2020-06-02 11:10 (-6)	43.1		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-02 11:10 (-6)	0.33		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-02 11:10 (-6)	7.0		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-02 11:10 (-6)	2.21		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-02 11:10 (-6)	47.0		34 - 71
	Platelets (10^9/L)	Screening	2020-06-02 11:10 (-6)	278		163 - 375
US2071071	Basophils (10^9/L)	Screening	2020-06-02 12:23 (-3)	0.09		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-02 12:23 (-3)	1.9		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-02 12:23 (-3)	0.13		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-02 12:23 (-3)	2.8		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-02 12:23 (-3)	4.64		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-02 12:23 (-3)	0.459		0.33 - 0.47

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071071	Hemoglobin (g/L)	Screening	2020-06-02 12:23 (-3)	145		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-02 12:23 (-3)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-02 12:23 (-3)	0.4		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-02 12:23 (-3)	4.66		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-02 12:23 (-3)	1.56		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-02 12:23 (-3)	33.5		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-02 12:23 (-3)	0.34		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-02 12:23 (-3)	7.3		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-02 12:23 (-3)	2.52		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-02 12:23 (-3)	54.1		34 - 71
	Platelets (10^9/L)	Screening	2020-06-02 12:23 (-3)	296		163 - 375
US2071073	Basophils (10^9/L)	Screening	2020-06-02 15:56 (-6)	0.04		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071073	Basophils/Leukocytes (%)	Screening	2020-06-02 15:56 (-6)	0.7		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-02 15:56 (-6)	0.10		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-02 15:56 (-6)	1.8		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-02 15:56 (-6)	4.04		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-02 15:56 (-6)	0.417		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-02 15:56 (-6)	126		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-02 15:56 (-6)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-02 15:56 (-6)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-02 15:56 (-6)	5.57		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-02 15:56 (-6)	1.92		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-02 15:56 (-6)	34.5		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-02 15:56 (-6)	0.27		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071073	Monocytes/Leukocytes (%)	Screening	2020-06-02 15:56 (-6)	4.8		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-02 15:56 (-6)	3.23		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-02 15:56 (-6)	58.0		34 - 71
	Platelets (10^9/L)	Screening	2020-06-02 15:56 (-6)	285		163 - 375
US2071077	Basophils (10^9/L)	Screening	2020-06-03 13:16 (-5)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-03 13:16 (-5)	0.8		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-03 13:16 (-5)	0.05		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-03 13:16 (-5)	1.0		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-03 13:16 (-5)	4.50 (L)		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-03 13:16 (-5)	0.446		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-03 13:16 (-5)	145		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-03 13:16 (-5)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071077	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-03 13:16 (-5)	0.4		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-03 13:16 (-5)	4.84		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-03 13:16 (-5)	1.35		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-03 13:16 (-5)	27.9		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-03 13:16 (-5)	0.54		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-03 13:16 (-5)	11.2 (H)		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-03 13:16 (-5)	2.84		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-03 13:16 (-5)	58.7		34 - 71
	Platelets (10^9/L)	Screening	2020-06-03 13:16 (-5)	235		163 - 375
US2081023	Basophils (10^9/L)	Screening	2020-05-28 13:34 (-6)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-28 13:34 (-6)	0.5		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-28 13:34 (-6)	0.13		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081023	Eosinophils/Leukocytes (%)	Screening	2020-05-28 13:34 (-6)	2.1		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-28 13:34 (-6)	5.00		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-05-28 13:34 (-6)	0.476		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-05-28 13:34 (-6)	149		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-05-28 13:34 (-6)	0.04		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-28 13:34 (-6)	0.6		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-28 13:34 (-6)	6.17		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-28 13:34 (-6)	2.23		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-28 13:34 (-6)	36.1		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-28 13:34 (-6)	0.47		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-28 13:34 (-6)	7.6		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-28 13:34 (-6)	3.27		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081023	Neutrophils/Leukocytes (%)	Screening	2020-05-28 13:34 (-6)	53.1		34 - 71
	Platelets (10^9/L)	Screening	2020-05-28 13:34 (-6)	207		163 - 375
US2081025	Basophils (10^9/L)	Screening	2020-05-28 15:21 (-6)	0.05		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-28 15:21 (-6)	0.8		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-28 15:21 (-6)	0.42		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-28 15:21 (-6)	6.6		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-28 15:21 (-6)	5.40		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-05-28 15:21 (-6)	0.463		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-05-28 15:21 (-6)	155		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-05-28 15:21 (-6)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-28 15:21 (-6)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-28 15:21 (-6)	6.34		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081025	Lymphocytes (10^9/L)	Screening	2020-05-28 15:21 (-6)	1.81		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-28 15:21 (-6)	28.5		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-28 15:21 (-6)	0.58		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-28 15:21 (-6)	9.1		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-28 15:21 (-6)	3.47		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-28 15:21 (-6)	54.8		34 - 71
	Platelets (10^9/L)	Screening	2020-05-28 15:21 (-6)	180		163 - 375
US2081028	Basophils (10^9/L)	Screening	2020-05-29 09:22 (-4)	0.08		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-29 09:22 (-4)	1.2		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-29 09:22 (-4)	0.31		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-29 09:22 (-4)	4.5		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-29 09:22 (-4)	4.43 (L)		4.63 - 6.08

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081028	Hematocrit (L/L)	Screening	2020-05-29 09:22 (-4)	0.422		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-05-29 09:22 (-4)	137		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-05-29 09:22 (-4)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-29 09:22 (-4)	0.1		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-29 09:22 (-4)	6.84		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-29 09:22 (-4)	2.15		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-29 09:22 (-4)	31.4		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-29 09:22 (-4)	0.66		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-29 09:22 (-4)	9.6		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-29 09:22 (-4)	3.63		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-29 09:22 (-4)	53.2		34 - 71
	Platelets (10^9/L)	Screening	2020-05-29 09:22 (-4)	206		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081045	Basophils (10^9/L)	Screening	2020-06-01 15:22 (-3)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-01 15:22 (-3)	0.2		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-01 15:22 (-3)	0.05		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-01 15:22 (-3)	1.0		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-01 15:22 (-3)	4.54 (L)		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-01 15:22 (-3)	0.428		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-01 15:22 (-3)	140		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-01 15:22 (-3)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-01 15:22 (-3)	0.4		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-01 15:22 (-3)	4.97		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-01 15:22 (-3)	1.50		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-01 15:22 (-3)	30.2		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081045	Monocytes (10^9/L)	Screening	2020-06-01 15:22 (-3)	0.45		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-01 15:22 (-3)	9.1		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-01 15:22 (-3)	2.94		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-01 15:22 (-3)	59.1		34 - 71
	Platelets (10^9/L)	Screening	2020-06-01 15:22 (-3)	175		163 - 375
US2081051	Basophils (10^9/L)	Screening	2020-06-02 14:01 (-3)	0.05		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-02 14:01 (-3)	1.3		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-02 14:01 (-3)	0.04		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-02 14:01 (-3)	1.0		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-02 14:01 (-3)	4.36		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-02 14:01 (-3)	0.407		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-02 14:01 (-3)	128		110 - 155

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081051	Immature Granulocytes (10^9/L)	Screening	2020-06-02 14:01 (-3)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-02 14:01 (-3)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-02 14:01 (-3)	3.94		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-02 14:01 (-3)	1.55		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-02 14:01 (-3)	39.3		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-02 14:01 (-3)	0.46		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-02 14:01 (-3)	11.7 (H)		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-02 14:01 (-3)	1.83	G1 Neutrophils Decreased	1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-02 14:01 (-3)	46.4		34 - 71
	Platelets (10^9/L)	Screening	2020-06-02 14:01 (-3)	304		163 - 375
US2081062	Basophils (10^9/L)	Screening	2020-06-05 09:02 (-3)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-05 09:02 (-3)	0.2		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081062	Eosinophils (10^9/L)	Screening	2020-06-05 09:02 (-3)	0.13		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-05 09:02 (-3)	2.7		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-05 09:02 (-3)	4.99		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-05 09:02 (-3)	0.470		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-05 09:02 (-3)	153		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-05 09:02 (-3)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-05 09:02 (-3)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-05 09:02 (-3)	4.86		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-05 09:02 (-3)	1.93		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-05 09:02 (-3)	39.7		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-05 09:02 (-3)	0.40		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-05 09:02 (-3)	8.2		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081062	Neutrophils (10^9/L)	Screening	2020-06-05 09:02 (-3)	2.38		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-05 09:02 (-3)	49.0		34 - 71
	Platelets (10^9/L)	Screening	2020-06-05 09:02 (-3)	309		163 - 375
US2081063	Basophils (10^9/L)	Screening	2020-06-05 10:45 (-3)	0.10		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-05 10:45 (-3)	1.4		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-05 10:45 (-3)	0.30		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-05 10:45 (-3)	4.2		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-05 10:45 (-3)	5.01		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-05 10:45 (-3)	0.466		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-05 10:45 (-3)	149		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-05 10:45 (-3)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-05 10:45 (-3)	0.1		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081063	Leukocytes (10^9/L)	Screening	2020-06-05 10:45 (-3)	7.12		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-05 10:45 (-3)	2.21		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-05 10:45 (-3)	31.0		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-05 10:45 (-3)	0.49		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-05 10:45 (-3)	6.9		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-05 10:45 (-3)	4.01		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-05 10:45 (-3)	56.4		34 - 71
	Platelets (10^9/L)	Screening	2020-06-05 10:45 (-3)	297		163 - 375
US2081064	Basophils (10^9/L)	Screening	2020-06-05 12:17 (-3)	0.08		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-05 12:17 (-3)	0.7		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-05 12:17 (-3)	0.33		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-05 12:17 (-3)	2.8		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081064	Erythrocytes (10^12/L)	Screening	2020-06-05 12:17 (-3)	4.44 (L)		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-05 12:17 (-3)	0.448		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-05 12:17 (-3)	146		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-05 12:17 (-3)	0.05		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-05 12:17 (-3)	0.4		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-05 12:17 (-3)	11.62 (H)	G1 WBC Increased	3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-05 12:17 (-3)	2.32		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-05 12:17 (-3)	20.0		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-05 12:17 (-3)	0.73		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-05 12:17 (-3)	6.3		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-05 12:17 (-3)	8.11 (H)		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-05 12:17 (-3)	69.8		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081064	Platelets (10^9/L)	Screening	2020-06-05 12:17 (-3)	360		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011007	Basophils (10^9/L)	Screening	2020-05-26 14:44 (-6)	0.04		0 - 0.3
		Day 29	2020-06-29 12:26 (29)	0.03		0 - 0.3
		Day 57	2020-07-27 13:02 (29)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-26 14:44 (-6)	0.7		0 - 3
		Day 29	2020-06-29 12:26 (29)	0.6		0 - 3
		Day 57	2020-07-27 13:02 (29)	0.5		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-26 14:44 (-6)	0.31		0 - 0.8
		Day 29	2020-06-29 12:26 (29)	0.25		0 - 0.8
		Day 57	2020-07-27 13:02 (29)	0.21		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-26 14:44 (-6)	5.6		0 - 7
		Day 29	2020-06-29 12:26 (29)	4.6		0 - 7
		Day 57	2020-07-27 13:02 (29)	3.8		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011007	Erythrocytes (10^12/L)	Screening	2020-05-26 14:44 (-6)	4.38		3.7 - 5.2
		Day 29	2020-06-29 12:26 (29)	4.22		3.7 - 5.2
		Day 57	2020-07-27 13:02 (29)	4.12		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-26 14:44 (-6)	0.427		0.33 - 0.47
		Day 29	2020-06-29 12:26 (29)	0.422		0.33 - 0.47
		Day 57	2020-07-27 13:02 (29)	0.412		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-26 14:44 (-6)	137		110 - 155
		Day 29	2020-06-29 12:26 (29)	132	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-07-27 13:02 (29)	129	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-26 14:44 (-6)	<0.03		0 - 0.07
		Day 29	2020-06-29 12:26 (29)	<0.03		0 - 0.07
		Day 57	2020-07-27 13:02 (29)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011007	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-26 14:44 (-6)	0.2		0 - 1
		Day 29	2020-06-29 12:26 (29)	0.2		0 - 1
		Day 57	2020-07-27 13:02 (29)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-26 14:44 (-6)	5.52		3.7 - 11
		Day 29	2020-06-29 12:26 (29)	5.39		3.7 - 11
		Day 57	2020-07-27 13:02 (29)	5.55		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-26 14:44 (-6)	1.56		0.9 - 3.6
		Day 29	2020-06-29 12:26 (29)	1.47		0.9 - 3.6
		Day 57	2020-07-27 13:02 (29)	1.32		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-26 14:44 (-6)	28.3		12 - 46
		Day 29	2020-06-29 12:26 (29)	27.3		12 - 46
		Day 57	2020-07-27 13:02 (29)	23.8		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011007	Monocytes (10^9/L)	Screening	2020-05-26 14:44 (-6)	0.44		0 - 1.2
		Day 29	2020-06-29 12:26 (29)	0.54		0 - 1.2
		Day 57	2020-07-27 13:02 (29)	0.47		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-26 14:44 (-6)	8.0		0 - 11
		Day 29	2020-06-29 12:26 (29)	10.0		0 - 11
		Day 57	2020-07-27 13:02 (29)	8.5		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-26 14:44 (-6)	3.16		1.7 - 7.9
		Day 29	2020-06-29 12:26 (29)	3.09		1.7 - 7.9
		Day 57	2020-07-27 13:02 (29)	3.51		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-26 14:44 (-6)	57.2		34 - 71
		Day 29	2020-06-29 12:26 (29)	57.3		34 - 71
		Day 57	2020-07-27 13:02 (29)	63.2		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011007	Platelets (10^9/L)	Screening	2020-05-26 14:44 (-6)	245		163 - 375
		Day 29	2020-06-29 12:26 (29)	263		163 - 375
		Day 57	2020-07-27 13:02 (29)	236		163 - 375
US2011011	Basophils (10^9/L)	Screening	2020-05-26 15:55 (-3)	0.05		0 - 0.3
		Day 29	2020-06-26 09:37 (29)	0.06		0 - 0.3
		Day 57	2020-07-24 11:10 (29)	0.07		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-26 15:55 (-3)	0.8		0 - 3
		Day 29	2020-06-26 09:37 (29)	1.3		0 - 3
		Day 57	2020-07-24 11:10 (29)	1.3		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-26 15:55 (-3)	0.09		0 - 0.8
		Day 29	2020-06-26 09:37 (29)	0.17		0 - 0.8
		Day 57	2020-07-24 11:10 (29)	0.13		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011011	Eosinophils/Leukocytes (%)	Screening	2020-05-26 15:55 (-3)	1.5		0 - 7
		Day 29	2020-06-26 09:37 (29)	3.7		0 - 7
		Day 57	2020-07-24 11:10 (29)	2.4		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-26 15:55 (-3)	4.56		3.7 - 5.2
		Day 29	2020-06-26 09:37 (29)	4.48		3.7 - 5.2
		Day 57	2020-07-24 11:10 (29)	4.31		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-26 15:55 (-3)	0.456		0.33 - 0.47
		Day 29	2020-06-26 09:37 (29)	0.462		0.33 - 0.47
		Day 57	2020-07-24 11:10 (29)	0.449		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-26 15:55 (-3)	142		110 - 155
		Day 29	2020-06-26 09:37 (29)	140	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-07-24 11:10 (29)	138	G1 Hemoglobin Decreased	110 - 155

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011011	Immature Granulocytes (10^9/L)	Screening	2020-05-26 15:55 (-3)	<0.03		0 - 0.07
		Day 29	2020-06-26 09:37 (29)	<0.03		0 - 0.07
		Day 57	2020-07-24 11:10 (29)	0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-26 15:55 (-3)	0.3		0 - 1
		Day 29	2020-06-26 09:37 (29)	0.2		0 - 1
		Day 57	2020-07-24 11:10 (29)	0.5		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-26 15:55 (-3)	6.13		3.7 - 11
		Day 29	2020-06-26 09:37 (29)	4.55		3.7 - 11
		Day 57	2020-07-24 11:10 (29)	5.53		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-26 15:55 (-3)	2.47		0.9 - 3.6
		Day 29	2020-06-26 09:37 (29)	2.34		0.9 - 3.6
		Day 57	2020-07-24 11:10 (29)	2.43		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011011	Lymphocytes/Leukocytes (%)	Screening	2020-05-26 15:55 (-3)	40.3		12 - 46
		Day 29	2020-06-26 09:37 (29)	51.4 (H)		12 - 46
		Day 57	2020-07-24 11:10 (29)	43.9		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-26 15:55 (-3)	0.49		0 - 1.2
		Day 29	2020-06-26 09:37 (29)	0.38		0 - 1.2
		Day 57	2020-07-24 11:10 (29)	0.49		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-26 15:55 (-3)	8.0		0 - 11
		Day 29	2020-06-26 09:37 (29)	8.4		0 - 11
		Day 57	2020-07-24 11:10 (29)	8.9		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-26 15:55 (-3)	3.01		1.7 - 7.9
		Day 29	2020-06-26 09:37 (29)	1.59 (L)	G1 Neutrophils Decreased	1.7 - 7.9
		Day 57	2020-07-24 11:10 (29)	2.38		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011011	Neutrophils/Leukocytes (%)	Screening	2020-05-26 15:55 (-3)	49.1		34 - 71
		Day 29	2020-06-26 09:37 (29)	35.0		34 - 71
		Day 57	2020-07-24 11:10 (29)	43.0		34 - 71
	Platelets (10^9/L)	Screening	2020-05-26 15:55 (-3)	265		163 - 375
		Day 29	2020-06-26 09:37 (29)	262		163 - 375
		Day 57	2020-07-24 11:10 (29)	249		163 - 375
US2011023	Basophils (10^9/L)	Screening	2020-05-27 08:42 (-6)	<0.03		0 - 0.3
		Day 29	2020-07-02 16:00 (31)	<0.03		0 - 0.3
		Day 57	2020-07-30 16:23 (29)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-27 08:42 (-6)	0.4		0 - 3
		Day 29	2020-07-02 16:00 (31)	0.2		0 - 3
		Day 57	2020-07-30 16:23 (29)	0.2		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011023	Eosinophils (10^9/L)	Screening	2020-05-27 08:42 (-6)	0.06		0 - 0.8
		Day 29	2020-07-02 16:00 (31)	0.04		0 - 0.8
		Day 57	2020-07-30 16:23 (29)	0.03		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-27 08:42 (-6)	1.2		0 - 7
		Day 29	2020-07-02 16:00 (31)	0.6		0 - 7
		Day 57	2020-07-30 16:23 (29)	0.5		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-27 08:42 (-6)	4.53		3.7 - 5.2
		Day 29	2020-07-02 16:00 (31)	4.71		3.7 - 5.2
		Day 57	2020-07-30 16:23 (29)	4.67		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-27 08:42 (-6)	0.424		0.33 - 0.47
		Day 29	2020-07-02 16:00 (31)	0.430		0.33 - 0.47
		Day 57	2020-07-30 16:23 (29)	0.431		0.33 - 0.47

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011023	Hemoglobin (g/L)	Screening	2020-05-27 08:42 (-6)	129		110 - 155
		Day 29	2020-07-02 16:00 (31)	132		110 - 155
		Day 57	2020-07-30 16:23 (29)	132		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-27 08:42 (-6)	<0.03		0 - 0.07
		Day 29	2020-07-02 16:00 (31)	<0.03		0 - 0.07
		Day 57	2020-07-30 16:23 (29)	0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-27 08:42 (-6)	0.4		0 - 1
		Day 29	2020-07-02 16:00 (31)	0.3		0 - 1
		Day 57	2020-07-30 16:23 (29)	0.5		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-27 08:42 (-6)	5.20		3.7 - 11
		Day 29	2020-07-02 16:00 (31)	6.25		3.7 - 11
		Day 57	2020-07-30 16:23 (29)	6.20		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011023	Lymphocytes (10^9/L)	Screening	2020-05-27 08:42 (-6)	1.92		0.9 - 3.6
		Day 29	2020-07-02 16:00 (31)	2.17		0.9 - 3.6
		Day 57	2020-07-30 16:23 (29)	1.74		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-27 08:42 (-6)	36.9		12 - 46
		Day 29	2020-07-02 16:00 (31)	34.7		12 - 46
		Day 57	2020-07-30 16:23 (29)	28.1		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-27 08:42 (-6)	0.39		0 - 1.2
		Day 29	2020-07-02 16:00 (31)	0.43		0 - 1.2
		Day 57	2020-07-30 16:23 (29)	0.44		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-27 08:42 (-6)	7.5		0 - 11
		Day 29	2020-07-02 16:00 (31)	6.9		0 - 11
		Day 57	2020-07-30 16:23 (29)	7.1		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011023	Neutrophils (10^9/L)	Screening	2020-05-27 08:42 (-6)	2.79		1.7 - 7.9
		Day 29	2020-07-02 16:00 (31)	3.58		1.7 - 7.9
		Day 57	2020-07-30 16:23 (29)	3.95		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-27 08:42 (-6)	53.6		34 - 71
		Day 29	2020-07-02 16:00 (31)	57.3		34 - 71
		Day 57	2020-07-30 16:23 (29)	63.6		34 - 71
	Platelets (10^9/L)	Screening	2020-05-27 08:42 (-6)	226		163 - 375
		Day 29	2020-07-02 16:00 (31)	240		163 - 375
		Day 57	2020-07-30 16:23 (29)	232		163 - 375
US2011109	Basophils (10^9/L)	Screening	2020-06-11 11:45 (-15)	0.07		0 - 0.3
		Day 29	2020-07-24 10:35 (29)	0.06		0 - 0.3
		Day 57	2020-08-21 10:46 (29)	0.07		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011109	Basophils/Leukocytes (%)	Screening	2020-06-11 11:45 (-15)	0.9		0 - 3
		Day 29	2020-07-24 10:35 (29)	0.9		0 - 3
		Day 57	2020-08-21 10:46 (29)	1.1		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-11 11:45 (-15)	0.14		0 - 0.8
		Day 29	2020-07-24 10:35 (29)	0.11		0 - 0.8
		Day 57	2020-08-21 10:46 (29)	0.13		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-11 11:45 (-15)	1.8		0 - 7
		Day 29	2020-07-24 10:35 (29)	1.7		0 - 7
		Day 57	2020-08-21 10:46 (29)	2.0		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-11 11:45 (-15)	4.18		3.7 - 5.2
		Day 29	2020-07-24 10:35 (29)	3.87		3.7 - 5.2
		Day 57	2020-08-21 10:46 (29)	4.03		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011109	Hematocrit (L/L)	Screening	2020-06-11 11:45 (-15)	0.410		0.33 - 0.47
		Day 29	2020-07-24 10:35 (29)	0.378		0.33 - 0.47
		Day 57	2020-08-21 10:46 (29)	0.391		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-11 11:45 (-15)	123		110 - 155
		Day 29	2020-07-24 10:35 (29)	116	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-21 10:46 (29)	120	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-11 11:45 (-15)	<0.03		0 - 0.07
		Day 29	2020-07-24 10:35 (29)	<0.03		0 - 0.07
		Day 57	2020-08-21 10:46 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-11 11:45 (-15)	0.3		0 - 1
		Day 29	2020-07-24 10:35 (29)	0.2		0 - 1
		Day 57	2020-08-21 10:46 (29)	0.3		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011109	Leukocytes (10^9/L)	Screening	2020-06-11 11:45 (-15)	7.84		3.7 - 11
		Day 29	2020-07-24 10:35 (29)	6.47		3.7 - 11
		Day 57	2020-08-21 10:46 (29)	6.46		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-11 11:45 (-15)	1.99		0.9 - 3.6
		Day 29	2020-07-24 10:35 (29)	1.72		0.9 - 3.6
		Day 57	2020-08-21 10:46 (29)	1.54		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-11 11:45 (-15)	25.4		12 - 46
		Day 29	2020-07-24 10:35 (29)	26.6		12 - 46
		Day 57	2020-08-21 10:46 (29)	23.8		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-11 11:45 (-15)	0.60		0 - 1.2
		Day 29	2020-07-24 10:35 (29)	0.56		0 - 1.2
		Day 57	2020-08-21 10:46 (29)	0.51		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011109	Monocytes/Leukocytes (%)	Screening	2020-06-11 11:45 (-15)	7.7		0 - 11
		Day 29	2020-07-24 10:35 (29)	8.7		0 - 11
		Day 57	2020-08-21 10:46 (29)	7.9		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-11 11:45 (-15)	5.02		1.7 - 7.9
		Day 29	2020-07-24 10:35 (29)	4.01		1.7 - 7.9
		Day 57	2020-08-21 10:46 (29)	4.19		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-11 11:45 (-15)	63.9		34 - 71
		Day 29	2020-07-24 10:35 (29)	61.9		34 - 71
		Day 57	2020-08-21 10:46 (29)	64.9		34 - 71
	Platelets (10^9/L)	Screening	2020-06-11 11:45 (-15)	223		163 - 375
		Day 29	2020-07-24 10:35 (29)	207		163 - 375
		Day 57	2020-08-21 10:46 (29)	219		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011114	Basophils (10^9/L)	Screening	2020-06-12 12:11 (-14)	0.03		0 - 0.3
		Day 29	2020-07-24 09:56 (29)	<0.03		0 - 0.3
		Day 57	2020-08-21 10:29 (29)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-12 12:11 (-14)	0.4		0 - 3
		Day 29	2020-07-24 09:56 (29)	0.5		0 - 3
		Day 57	2020-08-21 10:29 (29)	0.5		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-12 12:11 (-14)	0.08		0 - 0.8
		Day 29	2020-07-24 09:56 (29)	0.06		0 - 0.8
		Day 57	2020-08-21 10:29 (29)	0.07		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-12 12:11 (-14)	1.2		0 - 7
		Day 29	2020-07-24 09:56 (29)	1.5		0 - 7
		Day 57	2020-08-21 10:29 (29)	1.6		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011114	Erythrocytes (10^12/L)	Screening	2020-06-12 12:11 (-14)	4.90		4.63 - 6.08
		Day 29	2020-07-24 09:56 (29)	4.57 (L)		4.63 - 6.08
		Day 57	2020-08-21 10:29 (29)	4.41 (L)		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-12 12:11 (-14)	0.471		0.37 - 0.51
		Day 29	2020-07-24 09:56 (29)	0.442		0.37 - 0.51
		Day 57	2020-08-21 10:29 (29)	0.424		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-12 12:11 (-14)	150		125 - 170
		Day 29	2020-07-24 09:56 (29)	142	G1 Hemoglobin Decreased	125 - 170
		Day 57	2020-08-21 10:29 (29)	136	G1 Hemoglobin Decreased	125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-12 12:11 (-14)	0.03		0 - 0.07
		Day 29	2020-07-24 09:56 (29)	<0.03		0 - 0.07
		Day 57	2020-08-21 10:29 (29)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011114	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-12 12:11 (-14)	0.4		0 - 1
		Day 29	2020-07-24 09:56 (29)	0.5		0 - 1
		Day 57	2020-08-21 10:29 (29)	0.5		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-12 12:11 (-14)	6.71		3.7 - 11
		Day 29	2020-07-24 09:56 (29)	4.09		3.7 - 11
		Day 57	2020-08-21 10:29 (29)	4.34		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-12 12:11 (-14)	1.42		0.9 - 3.6
		Day 29	2020-07-24 09:56 (29)	1.23		0.9 - 3.6
		Day 57	2020-08-21 10:29 (29)	1.22		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-12 12:11 (-14)	21.2		12 - 46
		Day 29	2020-07-24 09:56 (29)	30.1		12 - 46
		Day 57	2020-08-21 10:29 (29)	28.1		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011114	Monocytes (10^9/L)	Screening	2020-06-12 12:11 (-14)	0.56		0 - 1.2
		Day 29	2020-07-24 09:56 (29)	0.49		0 - 1.2
		Day 57	2020-08-21 10:29 (29)	0.47		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-12 12:11 (-14)	8.3		0 - 11
		Day 29	2020-07-24 09:56 (29)	12.0 (H)		0 - 11
		Day 57	2020-08-21 10:29 (29)	10.8		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-12 12:11 (-14)	4.59		1.7 - 7.9
		Day 29	2020-07-24 09:56 (29)	2.27		1.7 - 7.9
		Day 57	2020-08-21 10:29 (29)	2.54		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-12 12:11 (-14)	68.5		34 - 71
		Day 29	2020-07-24 09:56 (29)	55.4		34 - 71
		Day 57	2020-08-21 10:29 (29)	58.5		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011114	Platelets (10^9/L)	Screening	2020-06-12 12:11 (-14)	219		163 - 375
		Day 29	2020-07-24 09:56 (29)	188		163 - 375
		Day 57	2020-08-21 10:29 (29)	183		163 - 375
US2011116	Basophils (10^9/L)	Screening	2020-06-12 14:41 (-15)	0.05		0 - 0.3
		Day 29	2020-07-27 12:23 (31)	0.04		0 - 0.3
		Day 57	2020-08-24 11:45 (29)	0.05		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-12 14:41 (-15)	0.9		0 - 3
		Day 29	2020-07-27 12:23 (31)	0.9		0 - 3
		Day 57	2020-08-24 11:45 (29)	0.9		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-12 14:41 (-15)	0.20		0 - 0.8
		Day 29	2020-07-27 12:23 (31)	0.19		0 - 0.8
		Day 57	2020-08-24 11:45 (29)	0.21		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011116	Eosinophils/Leukocytes (%)	Screening	2020-06-12 14:41 (-15)	3.6		0 - 7
		Day 29	2020-07-27 12:23 (31)	4.3		0 - 7
		Day 57	2020-08-24 11:45 (29)	3.9		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-12 14:41 (-15)	4.49		3.7 - 5.2
		Day 29	2020-07-27 12:23 (31)	4.44		3.7 - 5.2
		Day 57	2020-08-24 11:45 (29)	4.35		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-12 14:41 (-15)	0.431		0.33 - 0.47
		Day 29	2020-07-27 12:23 (31)	0.429		0.33 - 0.47
		Day 57	2020-08-24 11:45 (29)	0.420		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-12 14:41 (-15)	133		110 - 155
		Day 29	2020-07-27 12:23 (31)	133		110 - 155
		Day 57	2020-08-24 11:45 (29)	130	G1 Hemoglobin Decreased	110 - 155

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011116	Immature Granulocytes (10^9/L)	Screening	2020-06-12 14:41 (-15)	0.03		0 - 0.07
		Day 29	2020-07-27 12:23 (31)	<0.03		0 - 0.07
		Day 57	2020-08-24 11:45 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-12 14:41 (-15)	0.5		0 - 1
		Day 29	2020-07-27 12:23 (31)	0.2		0 - 1
		Day 57	2020-08-24 11:45 (29)	0.4		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-12 14:41 (-15)	5.49		3.7 - 11
		Day 29	2020-07-27 12:23 (31)	4.42		3.7 - 11
		Day 57	2020-08-24 11:45 (29)	5.41		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-12 14:41 (-15)	2.05		0.9 - 3.6
		Day 29	2020-07-27 12:23 (31)	2.01		0.9 - 3.6
		Day 57	2020-08-24 11:45 (29)	1.94		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011116	Lymphocytes/Leukocytes (%)	Screening	2020-06-12 14:41 (-15)	37.3		12 - 46
		Day 29	2020-07-27 12:23 (31)	45.5		12 - 46
		Day 57	2020-08-24 11:45 (29)	35.9		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-12 14:41 (-15)	0.38		0 - 1.2
		Day 29	2020-07-27 12:23 (31)	0.30		0 - 1.2
		Day 57	2020-08-24 11:45 (29)	0.25		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-12 14:41 (-15)	6.9		0 - 11
		Day 29	2020-07-27 12:23 (31)	6.8		0 - 11
		Day 57	2020-08-24 11:45 (29)	4.6		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-12 14:41 (-15)	2.78		1.7 - 7.9
		Day 29	2020-07-27 12:23 (31)	1.87	G1 Neutrophils Decreased	1.7 - 7.9
		Day 57	2020-08-24 11:45 (29)	2.94		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011116	Neutrophils/Leukocytes (%)	Screening	2020-06-12 14:41 (-15)	50.8		34 - 71
		Day 29	2020-07-27 12:23 (31)	42.3		34 - 71
		Day 57	2020-08-24 11:45 (29)	54.3		34 - 71
	Platelets (10^9/L)	Screening	2020-06-12 14:41 (-15)	227		163 - 375
		Day 29	2020-07-27 12:23 (31)	245		163 - 375
		Day 57	2020-08-24 11:45 (29)	262		163 - 375
US2011120	Basophils (10^9/L)	Screening	2020-06-15 11:33 (-12)	0.04		0 - 0.3
		Day 29	2020-07-27 11:16 (31)	0.04		0 - 0.3
		Day 57	2020-08-24 16:56 (29)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-15 11:33 (-12)	0.8		0 - 3
		Day 29	2020-07-27 11:16 (31)	0.8		0 - 3
		Day 57	2020-08-24 16:56 (29)	0.5		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011120	Eosinophils (10^9/L)	Screening	2020-06-15 11:33 (-12)	0.10		0 - 0.8
		Day 29	2020-07-27 11:16 (31)	0.10		0 - 0.8
		Day 57	2020-08-24 16:56 (29)	0.08		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-15 11:33 (-12)	1.9		0 - 7
		Day 29	2020-07-27 11:16 (31)	2.0		0 - 7
		Day 57	2020-08-24 16:56 (29)	1.4		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-15 11:33 (-12)	4.67		3.7 - 5.2
		Day 29	2020-07-27 11:16 (31)	4.34		3.7 - 5.2
		Day 57	2020-08-24 16:56 (29)	4.08		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-15 11:33 (-12)	0.465		0.33 - 0.47
		Day 29	2020-07-27 11:16 (31)	0.437		0.33 - 0.47
		Day 57	2020-08-24 16:56 (29)	0.414		0.33 - 0.47

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011120	Hemoglobin (g/L)	Screening	2020-06-15 11:33 (-12)	142		110 - 155
		Day 29	2020-07-27 11:16 (31)	134	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-24 16:56 (29)	125	G2 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-15 11:33 (-12)	<0.03		0 - 0.07
		Day 29	2020-07-27 11:16 (31)	<0.03		0 - 0.07
		Day 57	2020-08-24 16:56 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-15 11:33 (-12)	0.2		0 - 1
		Day 29	2020-07-27 11:16 (31)	0.4		0 - 1
		Day 57	2020-08-24 16:56 (29)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-15 11:33 (-12)	5.33		3.7 - 11
		Day 29	2020-07-27 11:16 (31)	5.04		3.7 - 11
		Day 57	2020-08-24 16:56 (29)	5.64		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011120	Lymphocytes (10^9/L)	Screening	2020-06-15 11:33 (-12)	2.33		0.9 - 3.6
		Day 29	2020-07-27 11:16 (31)	2.20		0.9 - 3.6
		Day 57	2020-08-24 16:56 (29)	2.41		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-15 11:33 (-12)	43.7		12 - 46
		Day 29	2020-07-27 11:16 (31)	43.7		12 - 46
		Day 57	2020-08-24 16:56 (29)	42.7		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-15 11:33 (-12)	0.44		0 - 1.2
		Day 29	2020-07-27 11:16 (31)	0.42		0 - 1.2
		Day 57	2020-08-24 16:56 (29)	0.44		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-15 11:33 (-12)	8.3		0 - 11
		Day 29	2020-07-27 11:16 (31)	8.3		0 - 11
		Day 57	2020-08-24 16:56 (29)	7.8		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011120	Neutrophils (10^9/L)	Screening	2020-06-15 11:33 (-12)	2.41		1.7 - 7.9
		Day 29	2020-07-27 11:16 (31)	2.26		1.7 - 7.9
		Day 57	2020-08-24 16:56 (29)	2.67		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-15 11:33 (-12)	45.1		34 - 71
		Day 29	2020-07-27 11:16 (31)	44.8		34 - 71
		Day 57	2020-08-24 16:56 (29)	47.4		34 - 71
	Platelets (10^9/L)	Screening	2020-06-15 11:33 (-12)	289		163 - 375
		Day 29	2020-07-27 11:16 (31)	276		163 - 375
		Day 57	2020-08-24 16:56 (29)	275		163 - 375
US2011124	Basophils (10^9/L)	Screening	2020-06-17 13:13 (-9)	0.06		0 - 0.3
		Day 29	2020-07-24 08:10 (29)	0.06		0 - 0.3
		Day 57	2020-08-21 08:49 (29)	0.05		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011124	Basophils/Leukocytes (%)	Screening	2020-06-17 13:13 (-9)	1.0		0 - 3
		Day 29	2020-07-24 08:10 (29)	1.0		0 - 3
		Day 57	2020-08-21 08:49 (29)	0.8		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-17 13:13 (-9)	0.06		0 - 0.8
		Day 29	2020-07-24 08:10 (29)	0.12		0 - 0.8
		Day 57	2020-08-21 08:49 (29)	0.11		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-17 13:13 (-9)	1.0		0 - 7
		Day 29	2020-07-24 08:10 (29)	1.9		0 - 7
		Day 57	2020-08-21 08:49 (29)	1.8		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-17 13:13 (-9)	4.83		3.7 - 5.2
		Day 29	2020-07-24 08:10 (29)	4.49		3.7 - 5.2
		Day 57	2020-08-21 08:49 (29)	4.63		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011124	Hematocrit (L/L)	Screening	2020-06-17 13:13 (-9)	0.459		0.33 - 0.47
		Day 29	2020-07-24 08:10 (29)	0.438		0.33 - 0.47
		Day 57	2020-08-21 08:49 (29)	0.446		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-17 13:13 (-9)	142		110 - 155
		Day 29	2020-07-24 08:10 (29)	132	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-21 08:49 (29)	136	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-17 13:13 (-9)	<0.03		0 - 0.07
		Day 29	2020-07-24 08:10 (29)	<0.03		0 - 0.07
		Day 57	2020-08-21 08:49 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-17 13:13 (-9)	0.2		0 - 1
		Day 29	2020-07-24 08:10 (29)	0.2		0 - 1
		Day 57	2020-08-21 08:49 (29)	0.2		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011124	Leukocytes (10^9/L)	Screening	2020-06-17 13:13 (-9)	5.93		3.7 - 11
		Day 29	2020-07-24 08:10 (29)	6.27		3.7 - 11
		Day 57	2020-08-21 08:49 (29)	6.19		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-17 13:13 (-9)	1.97		0.9 - 3.6
		Day 29	2020-07-24 08:10 (29)	2.25		0.9 - 3.6
		Day 57	2020-08-21 08:49 (29)	2.43		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-17 13:13 (-9)	33.2		12 - 46
		Day 29	2020-07-24 08:10 (29)	35.9		12 - 46
		Day 57	2020-08-21 08:49 (29)	39.3		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-17 13:13 (-9)	0.44		0 - 1.2
		Day 29	2020-07-24 08:10 (29)	0.49		0 - 1.2
		Day 57	2020-08-21 08:49 (29)	0.48		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011124	Monocytes/Leukocytes (%)	Screening	2020-06-17 13:13 (-9)	7.4		0 - 11
		Day 29	2020-07-24 08:10 (29)	7.8		0 - 11
		Day 57	2020-08-21 08:49 (29)	7.8		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-17 13:13 (-9)	3.39		1.7 - 7.9
		Day 29	2020-07-24 08:10 (29)	3.34		1.7 - 7.9
		Day 57	2020-08-21 08:49 (29)	3.11		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-17 13:13 (-9)	57.2		34 - 71
		Day 29	2020-07-24 08:10 (29)	53.2		34 - 71
		Day 57	2020-08-21 08:49 (29)	50.1		34 - 71
	Platelets (10^9/L)	Screening	2020-06-17 13:13 (-9)	239		163 - 375
		Day 29	2020-07-24 08:10 (29)	252		163 - 375
		Day 57	2020-08-21 08:49 (29)	254		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011126	Basophils (10^9/L)	Screening	2020-06-18 08:28 (-8)	0.03		0 - 0.3
		Day 29	2020-07-24 08:40 (29)	0.04		0 - 0.3
		Day 57	2020-08-21 09:04 (29)	0.05		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-18 08:28 (-8)	0.5		0 - 3
		Day 29	2020-07-24 08:40 (29)	0.7		0 - 3
		Day 57	2020-08-21 09:04 (29)	0.9		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-18 08:28 (-8)	0.12		0 - 0.8
		Day 29	2020-07-24 08:40 (29)	0.11		0 - 0.8
		Day 57	2020-08-21 09:04 (29)	0.14		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-18 08:28 (-8)	2.2		0 - 7
		Day 29	2020-07-24 08:40 (29)	2.0		0 - 7
		Day 57	2020-08-21 09:04 (29)	2.5		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011126	Erythrocytes (10^12/L)	Screening	2020-06-18 08:28 (-8)	4.82		3.7 - 5.2
		Day 29	2020-07-24 08:40 (29)	4.75		3.7 - 5.2
		Day 57	2020-08-21 09:04 (29)	4.89		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-18 08:28 (-8)	0.489 (H)		0.33 - 0.47
		Day 29	2020-07-24 08:40 (29)	0.495 (H)		0.33 - 0.47
		Day 57	2020-08-21 09:04 (29)	0.498 (H)		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-18 08:28 (-8)	154		110 - 155
		Day 29	2020-07-24 08:40 (29)	153	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-21 09:04 (29)	158 (H)		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-18 08:28 (-8)	<0.03		0 - 0.07
		Day 29	2020-07-24 08:40 (29)	<0.03		0 - 0.07
		Day 57	2020-08-21 09:04 (29)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011126	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-18 08:28 (-8)	0.2		0 - 1
		Day 29	2020-07-24 08:40 (29)	0.2		0 - 1
		Day 57	2020-08-21 09:04 (29)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-18 08:28 (-8)	5.54		3.7 - 11
		Day 29	2020-07-24 08:40 (29)	5.43		3.7 - 11
		Day 57	2020-08-21 09:04 (29)	5.71		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-18 08:28 (-8)	1.99		0.9 - 3.6
		Day 29	2020-07-24 08:40 (29)	1.99		0.9 - 3.6
		Day 57	2020-08-21 09:04 (29)	1.87		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-18 08:28 (-8)	35.9		12 - 46
		Day 29	2020-07-24 08:40 (29)	36.6		12 - 46
		Day 57	2020-08-21 09:04 (29)	32.7		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011126	Monocytes (10^9/L)	Screening	2020-06-18 08:28 (-8)	0.48		0 - 1.2
		Day 29	2020-07-24 08:40 (29)	0.48		0 - 1.2
		Day 57	2020-08-21 09:04 (29)	0.38		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-18 08:28 (-8)	8.7		0 - 11
		Day 29	2020-07-24 08:40 (29)	8.8		0 - 11
		Day 57	2020-08-21 09:04 (29)	6.7		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-18 08:28 (-8)	2.91		1.7 - 7.9
		Day 29	2020-07-24 08:40 (29)	2.80		1.7 - 7.9
		Day 57	2020-08-21 09:04 (29)	3.26		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-18 08:28 (-8)	52.5		34 - 71
		Day 29	2020-07-24 08:40 (29)	51.7		34 - 71
		Day 57	2020-08-21 09:04 (29)	57.0		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011126	Platelets (10^9/L)	Screening	2020-06-18 08:28 (-8)	173		163 - 375
		Day 29	2020-07-24 08:40 (29)	165		163 - 375
		Day 57	2020-08-21 09:04 (29)	186		163 - 375
US2011130	Basophils (10^9/L)	Screening	2020-06-18 14:07 (-8)	0.03		0 - 0.3
		Day 29	2020-07-24 13:25 (29)	0.03		0 - 0.3
		Day 57	2020-08-21 15:18 (29)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-18 14:07 (-8)	0.5		0 - 3
		Day 29	2020-07-24 13:25 (29)	0.6		0 - 3
		Day 57	2020-08-21 15:18 (29)	0.6		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-18 14:07 (-8)	0.06		0 - 0.8
		Day 29	2020-07-24 13:25 (29)	0.09		0 - 0.8
		Day 57	2020-08-21 15:18 (29)	0.10		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011130	Eosinophils/Leukocytes (%)	Screening	2020-06-18 14:07 (-8)	1.0		0 - 7
		Day 29	2020-07-24 13:25 (29)	1.8		0 - 7
		Day 57	2020-08-21 15:18 (29)	1.9		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-18 14:07 (-8)	5.24		4.63 - 6.08
		Day 29	2020-07-24 13:25 (29)	4.91		4.63 - 6.08
		Day 57	2020-08-21 15:18 (29)	5.26		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-18 14:07 (-8)	0.505		0.37 - 0.51
		Day 29	2020-07-24 13:25 (29)	0.481		0.37 - 0.51
		Day 57	2020-08-21 15:18 (29)	0.511 (H)		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-18 14:07 (-8)	159		125 - 170
		Day 29	2020-07-24 13:25 (29)	150	G1 Hemoglobin Decreased	125 - 170
		Day 57	2020-08-21 15:18 (29)	160		125 - 170

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011130	Immature Granulocytes (10^9/L)	Screening	2020-06-18 14:07 (-8)	<0.03		0 - 0.07
		Day 29	2020-07-24 13:25 (29)	<0.03		0 - 0.07
		Day 57	2020-08-21 15:18 (29)	0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-18 14:07 (-8)	0.3		0 - 1
		Day 29	2020-07-24 13:25 (29)	0.2		0 - 1
		Day 57	2020-08-21 15:18 (29)	0.6		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-18 14:07 (-8)	5.87		3.7 - 11
		Day 29	2020-07-24 13:25 (29)	4.93		3.7 - 11
		Day 57	2020-08-21 15:18 (29)	5.21		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-18 14:07 (-8)	1.62		0.9 - 3.6
		Day 29	2020-07-24 13:25 (29)	1.42		0.9 - 3.6
		Day 57	2020-08-21 15:18 (29)	1.51		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011130	Lymphocytes/Leukocytes (%)	Screening	2020-06-18 14:07 (-8)	27.6		12 - 46
		Day 29	2020-07-24 13:25 (29)	28.8		12 - 46
		Day 57	2020-08-21 15:18 (29)	29.0		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-18 14:07 (-8)	0.59		0 - 1.2
		Day 29	2020-07-24 13:25 (29)	0.45		0 - 1.2
		Day 57	2020-08-21 15:18 (29)	0.55		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-18 14:07 (-8)	10.1		0 - 11
		Day 29	2020-07-24 13:25 (29)	9.1		0 - 11
		Day 57	2020-08-21 15:18 (29)	10.6		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-18 14:07 (-8)	3.55		1.7 - 7.9
		Day 29	2020-07-24 13:25 (29)	2.93		1.7 - 7.9
		Day 57	2020-08-21 15:18 (29)	2.99		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011130	Neutrophils/Leukocytes (%)	Screening	2020-06-18 14:07 (-8)	60.5		34 - 71
		Day 29	2020-07-24 13:25 (29)	59.5		34 - 71
		Day 57	2020-08-21 15:18 (29)	57.3		34 - 71
	Platelets (10^9/L)	Screening	2020-06-18 14:07 (-8)	259		163 - 375
		Day 29	2020-07-24 13:25 (29)	313		163 - 375
		Day 57	2020-08-21 15:18 (29)	283		163 - 375
US2011131	Basophils (10^9/L)	Screening	2020-06-18 15:13 (-8)	<0.03		0 - 0.3
		Day 29	2020-07-24 14:15 (29)	<0.03		0 - 0.3
		Day 57	2020-08-21 17:05 (29)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-18 15:13 (-8)	0.4		0 - 3
		Day 29	2020-07-24 14:15 (29)	0.4		0 - 3
		Day 57	2020-08-21 17:05 (29)	0.6		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011131	Eosinophils (10^9/L)	Screening	2020-06-18 15:13 (-8)	0.07		0 - 0.8
		Day 29	2020-07-24 14:15 (29)	0.34		0 - 0.8
		Day 57	2020-08-21 17:05 (29)	0.13		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-18 15:13 (-8)	1.2		0 - 7
		Day 29	2020-07-24 14:15 (29)	6.7		0 - 7
		Day 57	2020-08-21 17:05 (29)	2.8		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-18 15:13 (-8)	4.71		3.7 - 5.2
		Day 29	2020-07-24 14:15 (29)	4.46		3.7 - 5.2
		Day 57	2020-08-21 17:05 (29)	4.51		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-18 15:13 (-8)	0.453		0.33 - 0.47
		Day 29	2020-07-24 14:15 (29)	0.443		0.33 - 0.47
		Day 57	2020-08-21 17:05 (29)	0.429		0.33 - 0.47

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011131	Hemoglobin (g/L)	Screening	2020-06-18 15:13 (-8)	142		110 - 155
		Day 29	2020-07-24 14:15 (29)	134	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-21 17:05 (29)	135	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-18 15:13 (-8)	<0.03		0 - 0.07
		Day 29	2020-07-24 14:15 (29)	<0.03		0 - 0.07
		Day 57	2020-08-21 17:05 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-18 15:13 (-8)	0.4		0 - 1
		Day 29	2020-07-24 14:15 (29)	0.4		0 - 1
		Day 57	2020-08-21 17:05 (29)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-18 15:13 (-8)	5.61		3.7 - 11
		Day 29	2020-07-24 14:15 (29)	5.05		3.7 - 11
		Day 57	2020-08-21 17:05 (29)	4.63		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011131	Lymphocytes (10^9/L)	Screening	2020-06-18 15:13 (-8)	2.02		0.9 - 3.6
		Day 29	2020-07-24 14:15 (29)	1.40		0.9 - 3.6
		Day 57	2020-08-21 17:05 (29)	1.65		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-18 15:13 (-8)	36.0		12 - 46
		Day 29	2020-07-24 14:15 (29)	27.7		12 - 46
		Day 57	2020-08-21 17:05 (29)	35.6		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-18 15:13 (-8)	0.46		0 - 1.2
		Day 29	2020-07-24 14:15 (29)	0.31		0 - 1.2
		Day 57	2020-08-21 17:05 (29)	0.29		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-18 15:13 (-8)	8.2		0 - 11
		Day 29	2020-07-24 14:15 (29)	6.1		0 - 11
		Day 57	2020-08-21 17:05 (29)	6.3		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011131	Neutrophils (10^9/L)	Screening	2020-06-18 15:13 (-8)	3.02		1.7 - 7.9
		Day 29	2020-07-24 14:15 (29)	2.96		1.7 - 7.9
		Day 57	2020-08-21 17:05 (29)	2.52		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-18 15:13 (-8)	53.8		34 - 71
		Day 29	2020-07-24 14:15 (29)	58.7		34 - 71
		Day 57	2020-08-21 17:05 (29)	54.5		34 - 71
	Platelets (10^9/L)	Screening	2020-06-18 15:13 (-8)	222		163 - 375
		Day 29	2020-07-24 14:15 (29)	221		163 - 375
		Day 57	2020-08-21 17:05 (29)	242		163 - 375
US2011142	Basophils (10^9/L)	Screening	2020-06-22 15:49 (-7)	0.04		0 - 0.3
		Day 29	2020-07-27 14:19 (29)	0.06		0 - 0.3
		Day 57	2020-08-26 08:08 (31)	0.06		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011142	Basophils/Leukocytes (%)	Screening	2020-06-22 15:49 (-7)	0.8		0 - 3
		Day 29	2020-07-27 14:19 (29)	1.0		0 - 3
		Day 57	2020-08-26 08:08 (31)	1.2		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-22 15:49 (-7)	0.10		0 - 0.8
		Day 29	2020-07-27 14:19 (29)	0.08		0 - 0.8
		Day 57	2020-08-26 08:08 (31)	0.08		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-22 15:49 (-7)	2.0		0 - 7
		Day 29	2020-07-27 14:19 (29)	1.4		0 - 7
		Day 57	2020-08-26 08:08 (31)	1.6		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-22 15:49 (-7)	4.58 (L)		4.63 - 6.08
		Day 29	2020-07-27 14:19 (29)	4.78		4.63 - 6.08
		Day 57	2020-08-26 08:08 (31)	4.88		4.63 - 6.08

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011142	Hematocrit (L/L)	Screening	2020-06-22 15:49 (-7)	0.448		0.37 - 0.51
		Day 29	2020-07-27 14:19 (29)	0.465		0.37 - 0.51
		Day 57	2020-08-26 08:08 (31)	0.487		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-22 15:49 (-7)	140		125 - 170
		Day 29	2020-07-27 14:19 (29)	145		125 - 170
		Day 57	2020-08-26 08:08 (31)	149		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-22 15:49 (-7)	<0.03		0 - 0.07
		Day 29	2020-07-27 14:19 (29)	<0.03		0 - 0.07
		Day 57	2020-08-26 08:08 (31)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-22 15:49 (-7)	0.2		0 - 1
		Day 29	2020-07-27 14:19 (29)	0.2		0 - 1
		Day 57	2020-08-26 08:08 (31)	0.2		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011142	Leukocytes (10^9/L)	Screening	2020-06-22 15:49 (-7)	5.10		3.7 - 11
		Day 29	2020-07-27 14:19 (29)	5.80		3.7 - 11
		Day 57	2020-08-26 08:08 (31)	4.87		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-22 15:49 (-7)	1.51		0.9 - 3.6
		Day 29	2020-07-27 14:19 (29)	1.50		0.9 - 3.6
		Day 57	2020-08-26 08:08 (31)	1.45		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-22 15:49 (-7)	29.6		12 - 46
		Day 29	2020-07-27 14:19 (29)	25.9		12 - 46
		Day 57	2020-08-26 08:08 (31)	29.8		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-22 15:49 (-7)	0.32		0 - 1.2
		Day 29	2020-07-27 14:19 (29)	0.33		0 - 1.2
		Day 57	2020-08-26 08:08 (31)	0.41		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011142	Monocytes/Leukocytes (%)	Screening	2020-06-22 15:49 (-7)	6.3		0 - 11
		Day 29	2020-07-27 14:19 (29)	5.7		0 - 11
		Day 57	2020-08-26 08:08 (31)	8.4		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-22 15:49 (-7)	3.12		1.7 - 7.9
		Day 29	2020-07-27 14:19 (29)	3.82		1.7 - 7.9
		Day 57	2020-08-26 08:08 (31)	2.86		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-22 15:49 (-7)	61.1		34 - 71
		Day 29	2020-07-27 14:19 (29)	65.8		34 - 71
		Day 57	2020-08-26 08:08 (31)	58.8		34 - 71
	Platelets (10^9/L)	Screening	2020-06-22 15:49 (-7)	183		163 - 375
		Day 29	2020-07-27 14:19 (29)	194		163 - 375
		Day 57	2020-08-26 08:08 (31)	194		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011145	Basophils (10^9/L)	Screening	2020-06-23 14:18 (-3)	0.03		0 - 0.3
		Day 29	2020-07-24 10:50 (29)	0.05		0 - 0.3
		Day 57	2020-08-20 11:50 (28)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-23 14:18 (-3)	0.6		0 - 3
		Day 29	2020-07-24 10:50 (29)	1.0		0 - 3
		Day 57	2020-08-20 11:50 (28)	0.8		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-23 14:18 (-3)	0.08		0 - 0.8
		Day 29	2020-07-24 10:50 (29)	0.09		0 - 0.8
		Day 57	2020-08-20 11:50 (28)	0.10		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-23 14:18 (-3)	1.5		0 - 7
		Day 29	2020-07-24 10:50 (29)	1.7		0 - 7
		Day 57	2020-08-20 11:50 (28)	2.0		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011145	Erythrocytes (10^12/L)	Screening	2020-06-23 14:18 (-3)	4.70		3.7 - 5.2
		Day 29	2020-07-24 10:50 (29)	4.43		3.7 - 5.2
		Day 57	2020-08-20 11:50 (28)	4.66		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-23 14:18 (-3)	0.464		0.33 - 0.47
		Day 29	2020-07-24 10:50 (29)	0.458		0.33 - 0.47
		Day 57	2020-08-20 11:50 (28)	0.474 (H)		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-23 14:18 (-3)	151		110 - 155
		Day 29	2020-07-24 10:50 (29)	138	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-20 11:50 (28)	146	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-23 14:18 (-3)	<0.03		0 - 0.07
		Day 29	2020-07-24 10:50 (29)	<0.03		0 - 0.07
		Day 57	2020-08-20 11:50 (28)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011145	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-23 14:18 (-3)	0.4		0 - 1
		Day 29	2020-07-24 10:50 (29)	0.2		0 - 1
		Day 57	2020-08-20 11:50 (28)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-23 14:18 (-3)	5.22		3.7 - 11
		Day 29	2020-07-24 10:50 (29)	5.15		3.7 - 11
		Day 57	2020-08-20 11:50 (28)	5.02		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-23 14:18 (-3)	1.91		0.9 - 3.6
		Day 29	2020-07-24 10:50 (29)	1.75		0.9 - 3.6
		Day 57	2020-08-20 11:50 (28)	2.08		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-23 14:18 (-3)	36.6		12 - 46
		Day 29	2020-07-24 10:50 (29)	34.0		12 - 46
		Day 57	2020-08-20 11:50 (28)	41.4		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011145	Monocytes (10^9/L)	Screening	2020-06-23 14:18 (-3)	0.37		0 - 1.2
		Day 29	2020-07-24 10:50 (29)	0.46		0 - 1.2
		Day 57	2020-08-20 11:50 (28)	0.39		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-23 14:18 (-3)	7.1		0 - 11
		Day 29	2020-07-24 10:50 (29)	8.9		0 - 11
		Day 57	2020-08-20 11:50 (28)	7.8		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-23 14:18 (-3)	2.81		1.7 - 7.9
		Day 29	2020-07-24 10:50 (29)	2.79		1.7 - 7.9
		Day 57	2020-08-20 11:50 (28)	2.40		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-23 14:18 (-3)	53.8		34 - 71
		Day 29	2020-07-24 10:50 (29)	54.2		34 - 71
		Day 57	2020-08-20 11:50 (28)	47.8		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011145	Platelets (10^9/L)	Screening	2020-06-23 14:18 (-3)	245		163 - 375
		Day 29	2020-07-24 10:50 (29)	224		163 - 375
		Day 57	2020-08-20 11:50 (28)	244		163 - 375
US2011152	Basophils (10^9/L)	Screening	2020-06-25 12:32 (-4)	0.04		0 - 0.3
		Day 29	2020-07-27 11:00 (29)	0.04		0 - 0.3
		Day 57	2020-08-31 10:20 (36)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-25 12:32 (-4)	0.6		0 - 3
		Day 29	2020-07-27 11:00 (29)	0.8		0 - 3
		Day 57	2020-08-31 10:20 (36)	0.5		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-25 12:32 (-4)	0.10		0 - 0.8
		Day 29	2020-07-27 11:00 (29)	0.09		0 - 0.8
		Day 57	2020-08-31 10:20 (36)	0.07		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011152	Eosinophils/Leukocytes (%)	Screening	2020-06-25 12:32 (-4)	1.5		0 - 7
		Day 29	2020-07-27 11:00 (29)	1.7		0 - 7
		Day 57	2020-08-31 10:20 (36)	1.1		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-25 12:32 (-4)	4.30		3.7 - 5.2
		Day 29	2020-07-27 11:00 (29)	3.83		3.7 - 5.2
		Day 57	2020-08-31 10:20 (36)	3.84		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-25 12:32 (-4)	0.448		0.33 - 0.47
		Day 29	2020-07-27 11:00 (29)	0.403		0.33 - 0.47
		Day 57	2020-08-31 10:20 (36)	0.413		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-25 12:32 (-4)	142		110 - 155
		Day 29	2020-07-27 11:00 (29)	126	G2 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-31 10:20 (36)	127	G1 Hemoglobin Decreased	110 - 155

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011152	Immature Granulocytes (10^9/L)	Screening	2020-06-25 12:32 (-4)	0.05		0 - 0.07
		Day 29	2020-07-27 11:00 (29)	0.03		0 - 0.07
		Day 57	2020-08-31 10:20 (36)	0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-25 12:32 (-4)	0.7		0 - 1
		Day 29	2020-07-27 11:00 (29)	0.6		0 - 1
		Day 57	2020-08-31 10:20 (36)	0.5		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-25 12:32 (-4)	6.67		3.7 - 11
		Day 29	2020-07-27 11:00 (29)	5.22		3.7 - 11
		Day 57	2020-08-31 10:20 (36)	6.16		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-25 12:32 (-4)	1.43		0.9 - 3.6
		Day 29	2020-07-27 11:00 (29)	1.05		0.9 - 3.6
		Day 57	2020-08-31 10:20 (36)	1.16		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011152	Lymphocytes/Leukocytes (%)	Screening	2020-06-25 12:32 (-4)	21.4		12 - 46
		Day 29	2020-07-27 11:00 (29)	20.1		12 - 46
		Day 57	2020-08-31 10:20 (36)	18.8		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-25 12:32 (-4)	0.51		0 - 1.2
		Day 29	2020-07-27 11:00 (29)	0.59		0 - 1.2
		Day 57	2020-08-31 10:20 (36)	0.73		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-25 12:32 (-4)	7.6		0 - 11
		Day 29	2020-07-27 11:00 (29)	11.3 (H)		0 - 11
		Day 57	2020-08-31 10:20 (36)	11.9 (H)		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-25 12:32 (-4)	4.54		1.7 - 7.9
		Day 29	2020-07-27 11:00 (29)	3.42		1.7 - 7.9
		Day 57	2020-08-31 10:20 (36)	4.14		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011152	Neutrophils/Leukocytes (%)	Screening	2020-06-25 12:32 (-4)	68.2		34 - 71
		Day 29	2020-07-27 11:00 (29)	65.5		34 - 71
		Day 57	2020-08-31 10:20 (36)	67.2		34 - 71
	Platelets (10^9/L)	Screening	2020-06-25 12:32 (-4)	273		163 - 375
		Day 29	2020-07-27 11:00 (29)	262		163 - 375
		Day 57	2020-08-31 10:20 (36)	340		163 - 375
US2011155	Basophils (10^9/L)	Screening	2020-06-25 14:47 (-5)	0.07		0 - 0.3
		Day 29	2020-07-28 13:46 (29)	0.09		0 - 0.3
		Day 57	2020-08-26 11:35 (30)	0.07		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-25 14:47 (-5)	1.0		0 - 3
		Day 29	2020-07-28 13:46 (29)	1.2		0 - 3
		Day 57	2020-08-26 11:35 (30)	0.9		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011155	Eosinophils (10^9/L)	Screening	2020-06-25 14:47 (-5)	0.30		0 - 0.8
		Day 29	2020-07-28 13:46 (29)	0.22		0 - 0.8
		Day 57	2020-08-26 11:35 (30)	0.21		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-25 14:47 (-5)	4.1		0 - 7
		Day 29	2020-07-28 13:46 (29)	3.0		0 - 7
		Day 57	2020-08-26 11:35 (30)	2.6		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-25 14:47 (-5)	4.29		3.7 - 5.2
		Day 29	2020-07-28 13:46 (29)	4.25		3.7 - 5.2
		Day 57	2020-08-26 11:35 (30)	4.14		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-25 14:47 (-5)	0.425		0.33 - 0.47
		Day 29	2020-07-28 13:46 (29)	0.424		0.33 - 0.47
		Day 57	2020-08-26 11:35 (30)	0.416		0.33 - 0.47

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011155	Hemoglobin (g/L)	Screening	2020-06-25 14:47 (-5)	129		110 - 155
		Day 29	2020-07-28 13:46 (29)	132		110 - 155
		Day 57	2020-08-26 11:35 (30)	128	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-25 14:47 (-5)	<0.03		0 - 0.07
		Day 29	2020-07-28 13:46 (29)	<0.03		0 - 0.07
		Day 57	2020-08-26 11:35 (30)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-25 14:47 (-5)	0.0		0 - 1
		Day 29	2020-07-28 13:46 (29)	0.3		0 - 1
		Day 57	2020-08-26 11:35 (30)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-25 14:47 (-5)	7.32		3.7 - 11
		Day 29	2020-07-28 13:46 (29)	7.44		3.7 - 11
		Day 57	2020-08-26 11:35 (30)	8.09		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011155	Lymphocytes (10^9/L)	Screening	2020-06-25 14:47 (-5)	1.80		0.9 - 3.6
		Day 29	2020-07-28 13:46 (29)	1.79		0.9 - 3.6
		Day 57	2020-08-26 11:35 (30)	1.63		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-25 14:47 (-5)	24.6		12 - 46
		Day 29	2020-07-28 13:46 (29)	24.1		12 - 46
		Day 57	2020-08-26 11:35 (30)	20.1		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-25 14:47 (-5)	0.86		0 - 1.2
		Day 29	2020-07-28 13:46 (29)	0.80		0 - 1.2
		Day 57	2020-08-26 11:35 (30)	0.84		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-25 14:47 (-5)	11.7 (H)		0 - 11
		Day 29	2020-07-28 13:46 (29)	10.8		0 - 11
		Day 57	2020-08-26 11:35 (30)	10.4		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011155	Neutrophils (10^9/L)	Screening	2020-06-25 14:47 (-5)	4.29		1.7 - 7.9
		Day 29	2020-07-28 13:46 (29)	4.52		1.7 - 7.9
		Day 57	2020-08-26 11:35 (30)	5.32		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-25 14:47 (-5)	58.6		34 - 71
		Day 29	2020-07-28 13:46 (29)	60.6		34 - 71
		Day 57	2020-08-26 11:35 (30)	65.8		34 - 71
	Platelets (10^9/L)	Screening	2020-06-25 14:47 (-5)	221		163 - 375
		Day 29	2020-07-28 13:46 (29)	221		163 - 375
		Day 57	2020-08-26 11:35 (30)	228		163 - 375
US2011156	Basophils (10^9/L)	Screening	2020-06-25 15:29 (-5)	0.03		0 - 0.3
		Day 29	2020-07-28 09:10 (29)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-25 15:29 (-5)	0.4		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011156	Basophils/Leukocytes (%)	Day 29	2020-07-28 09:10 (29)	0.5		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-25 15:29 (-5)	0.08		0 - 0.8
		Day 29	2020-07-28 09:10 (29)	0.06		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-25 15:29 (-5)	1.2		0 - 7
		Day 29	2020-07-28 09:10 (29)	1.1		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-25 15:29 (-5)	4.32		3.7 - 5.2
		Day 29	2020-07-28 09:10 (29)	4.12		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-25 15:29 (-5)	0.428		0.33 - 0.47
		Day 29	2020-07-28 09:10 (29)	0.403		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-25 15:29 (-5)	132		110 - 155
		Day 29	2020-07-28 09:10 (29)	125	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-25 15:29 (-5)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011156	Immature Granulocytes (10^9/L)	Day 29	2020-07-28 09:10 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-25 15:29 (-5)	0.3		0 - 1
		Day 29	2020-07-28 09:10 (29)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-25 15:29 (-5)	6.70		3.7 - 11
		Day 29	2020-07-28 09:10 (29)	5.67		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-25 15:29 (-5)	1.81		0.9 - 3.6
		Day 29	2020-07-28 09:10 (29)	1.36		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-25 15:29 (-5)	27.0		12 - 46
		Day 29	2020-07-28 09:10 (29)	24.0		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-25 15:29 (-5)	0.57		0 - 1.2
		Day 29	2020-07-28 09:10 (29)	0.44		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-25 15:29 (-5)	8.5		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011156	Monocytes/Leukocytes (%)	Day 29	2020-07-28 09:10 (29)	7.8		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-25 15:29 (-5)	4.19		1.7 - 7.9
		Day 29	2020-07-28 09:10 (29)	3.77		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-25 15:29 (-5)	62.6		34 - 71
		Day 29	2020-07-28 09:10 (29)	66.4		34 - 71
	Platelets (10^9/L)	Screening	2020-06-25 15:29 (-5)	258		163 - 375
		Day 29	2020-07-28 09:10 (29)	245		163 - 375
US2011157	Basophils (10^9/L)	Screening	2020-06-25 16:12 (-5)	0.06		0 - 0.3
		Day 29	2020-07-28 17:20 (29)	0.06		0 - 0.3
		Day 57	2020-08-27 08:22 (31)	0.07		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-25 16:12 (-5)	1.2		0 - 3
		Day 29	2020-07-28 17:20 (29)	1.2		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011157	Basophils/Leukocytes (%)	Day 57	2020-08-27 08:22 (31)	1.8		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-25 16:12 (-5)	0.10		0 - 0.8
		Day 29	2020-07-28 17:20 (29)	0.14		0 - 0.8
		Day 57	2020-08-27 08:22 (31)	0.12		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-25 16:12 (-5)	2.0		0 - 7
		Day 29	2020-07-28 17:20 (29)	2.9		0 - 7
		Day 57	2020-08-27 08:22 (31)	3.0		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-25 16:12 (-5)	4.74		3.7 - 5.2
		Day 29	2020-07-28 17:20 (29)	4.47		3.7 - 5.2
		Day 57	2020-08-27 08:22 (31)	4.82		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-25 16:12 (-5)	0.449		0.33 - 0.47
		Day 29	2020-07-28 17:20 (29)	0.428		0.33 - 0.47

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011157	Hematocrit (L/L)	Day 57	2020-08-27 08:22 (31)	0.483 (H)		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-25 16:12 (-5)	139		110 - 155
		Day 29	2020-07-28 17:20 (29)	133	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-27 08:22 (31)	147		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-25 16:12 (-5)	<0.03		0 - 0.07
		Day 29	2020-07-28 17:20 (29)	<0.03		0 - 0.07
		Day 57	2020-08-27 08:22 (31)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-25 16:12 (-5)	0.2		0 - 1
		Day 29	2020-07-28 17:20 (29)	0.2		0 - 1
		Day 57	2020-08-27 08:22 (31)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-25 16:12 (-5)	4.90		3.7 - 11
		Day 29	2020-07-28 17:20 (29)	4.81		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011157	Leukocytes (10^9/L)	Day 57	2020-08-27 08:22 (31)	3.95		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-25 16:12 (-5)	1.32		0.9 - 3.6
		Day 29	2020-07-28 17:20 (29)	1.48		0.9 - 3.6
		Day 57	2020-08-27 08:22 (31)	1.21		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-25 16:12 (-5)	26.9		12 - 46
		Day 29	2020-07-28 17:20 (29)	30.8		12 - 46
		Day 57	2020-08-27 08:22 (31)	30.6		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-25 16:12 (-5)	0.35		0 - 1.2
		Day 29	2020-07-28 17:20 (29)	0.38		0 - 1.2
		Day 57	2020-08-27 08:22 (31)	0.26		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-25 16:12 (-5)	7.1		0 - 11
		Day 29	2020-07-28 17:20 (29)	7.9		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011157	Monocytes/Leukocytes (%)	Day 57	2020-08-27 08:22 (31)	6.6		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-25 16:12 (-5)	3.06		1.7 - 7.9
		Day 29	2020-07-28 17:20 (29)	2.74		1.7 - 7.9
		Day 57	2020-08-27 08:22 (31)	2.28		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-25 16:12 (-5)	62.6		34 - 71
		Day 29	2020-07-28 17:20 (29)	57.0		34 - 71
		Day 57	2020-08-27 08:22 (31)	57.7		34 - 71
	Platelets (10^9/L)	Screening	2020-06-25 16:12 (-5)	242		163 - 375
		Day 29	2020-07-28 17:20 (29)	230		163 - 375
		Day 57	2020-08-27 08:22 (31)	208		163 - 375
US2021015	Basophils (10^9/L)	Screening	2020-05-26 13:30 (-3)	0.05		0 - 0.3
		Day 29	2020-06-26 09:04 (29)	0.04		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021015	Basophils (10^9/L)	Day 57	2020-07-23 09:27 (28)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-26 13:30 (-3)	0.7		0 - 3
		Day 29	2020-06-26 09:04 (29)	0.6		0 - 3
		Day 57	2020-07-23 09:27 (28)	0.6		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-26 13:30 (-3)	0.11		0 - 0.8
		Day 29	2020-06-26 09:04 (29)	0.13		0 - 0.8
		Day 57	2020-07-23 09:27 (28)	0.12		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-26 13:30 (-3)	1.5		0 - 7
		Day 29	2020-06-26 09:04 (29)	1.9		0 - 7
		Day 57	2020-07-23 09:27 (28)	1.7		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-26 13:30 (-3)	4.63		3.7 - 5.2
		Day 29	2020-06-26 09:04 (29)	4.91		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021015	Erythrocytes (10^12/L)	Day 57	2020-07-23 09:27 (28)	4.70		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-26 13:30 (-3)	0.449		0.33 - 0.47
		Day 29	2020-06-26 09:04 (29)	0.499 (H)		0.33 - 0.47
		Day 57	2020-07-23 09:27 (28)	0.474 (H)		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-26 13:30 (-3)	139		110 - 155
		Day 29	2020-06-26 09:04 (29)	147		110 - 155
		Day 57	2020-07-23 09:27 (28)	141		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-26 13:30 (-3)	<0.03		0 - 0.07
		Day 29	2020-06-26 09:04 (29)	<0.03		0 - 0.07
		Day 57	2020-07-23 09:27 (28)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-26 13:30 (-3)	0.1		0 - 1
		Day 29	2020-06-26 09:04 (29)	0.3		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021015	Immature Granulocytes/Leukocytes (%)	Day 57	2020-07-23 09:27 (28)	0.1		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-26 13:30 (-3)	7.39		3.7 - 11
		Day 29	2020-06-26 09:04 (29)	6.91		3.7 - 11
		Day 57	2020-07-23 09:27 (28)	7.24		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-26 13:30 (-3)	3.67 (H)		0.9 - 3.6
		Day 29	2020-06-26 09:04 (29)	3.01		0.9 - 3.6
		Day 57	2020-07-23 09:27 (28)	3.48		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-26 13:30 (-3)	49.7 (H)		12 - 46
		Day 29	2020-06-26 09:04 (29)	43.6		12 - 46
		Day 57	2020-07-23 09:27 (28)	48.1 (H)		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-26 13:30 (-3)	0.65		0 - 1.2
		Day 29	2020-06-26 09:04 (29)	0.56		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021015	Monocytes (10^9/L)	Day 57	2020-07-23 09:27 (28)	0.66		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-26 13:30 (-3)	8.8		0 - 11
		Day 29	2020-06-26 09:04 (29)	8.1		0 - 11
		Day 57	2020-07-23 09:27 (28)	9.1		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-26 13:30 (-3)	2.90		1.7 - 7.9
		Day 29	2020-06-26 09:04 (29)	3.15		1.7 - 7.9
		Day 57	2020-07-23 09:27 (28)	2.93		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-26 13:30 (-3)	39.2		34 - 71
		Day 29	2020-06-26 09:04 (29)	45.5		34 - 71
		Day 57	2020-07-23 09:27 (28)	40.4		34 - 71
	Platelets (10^9/L)	Screening	2020-05-26 13:30 (-3)	252		163 - 375
		Day 29	2020-06-26 09:04 (29)	254		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021015	Platelets (10^9/L)	Day 57	2020-07-23 09:27 (28)	203		163 - 375
US2021021	Basophils (10^9/L)	Screening	2020-05-26 14:58 (-3)	0.04		0 - 0.3
		Day 29	2020-06-26 09:18 (29)	0.04		0 - 0.3
		Day 57	2020-07-22 09:35 (27)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-26 14:58 (-3)	0.5		0 - 3
		Day 29	2020-06-26 09:18 (29)	0.6		0 - 3
		Day 57	2020-07-22 09:35 (27)	0.5		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-26 14:58 (-3)	0.18		0 - 0.8
		Day 29	2020-06-26 09:18 (29)	0.20		0 - 0.8
		Day 57	2020-07-22 09:35 (27)	0.25		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-26 14:58 (-3)	2.3		0 - 7
		Day 29	2020-06-26 09:18 (29)	2.8		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021021	Eosinophils/Leukocytes (%)	Day 57	2020-07-22 09:35 (27)	3.3		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-26 14:58 (-3)	4.78		4.63 - 6.08
		Day 29	2020-06-26 09:18 (29)	4.85		4.63 - 6.08
		Day 57	2020-07-22 09:35 (27)	4.72		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-05-26 14:58 (-3)	0.467		0.37 - 0.51
		Day 29	2020-06-26 09:18 (29)	0.497		0.37 - 0.51
		Day 57	2020-07-22 09:35 (27)	0.503		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-05-26 14:58 (-3)	150		125 - 170
		Day 29	2020-06-26 09:18 (29)	153		125 - 170
		Day 57	2020-07-22 09:35 (27)	150		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-05-26 14:58 (-3)	0.03		0 - 0.07
		Day 29	2020-06-26 09:18 (29)	0.05		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021021	Immature Granulocytes (10^9/L)	Day 57	2020-07-22 09:35 (27)	0.04		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-26 14:58 (-3)	0.4		0 - 1
		Day 29	2020-06-26 09:18 (29)	0.7		0 - 1
		Day 57	2020-07-22 09:35 (27)	0.5		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-26 14:58 (-3)	7.70		3.7 - 11
		Day 29	2020-06-26 09:18 (29)	7.27		3.7 - 11
		Day 57	2020-07-22 09:35 (27)	7.50		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-26 14:58 (-3)	2.73		0.9 - 3.6
		Day 29	2020-06-26 09:18 (29)	2.92		0.9 - 3.6
		Day 57	2020-07-22 09:35 (27)	2.72		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-26 14:58 (-3)	35.5		12 - 46
		Day 29	2020-06-26 09:18 (29)	40.2		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021021	Lymphocytes/Leukocytes (%)	Day 57	2020-07-22 09:35 (27)	36.3		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-26 14:58 (-3)	0.83		0 - 1.2
		Day 29	2020-06-26 09:18 (29)	0.80		0 - 1.2
		Day 57	2020-07-22 09:35 (27)	1.01		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-26 14:58 (-3)	10.8		0 - 11
		Day 29	2020-06-26 09:18 (29)	11.0		0 - 11
		Day 57	2020-07-22 09:35 (27)	13.5 (H)		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-26 14:58 (-3)	3.89		1.7 - 7.9
		Day 29	2020-06-26 09:18 (29)	3.26		1.7 - 7.9
		Day 57	2020-07-22 09:35 (27)	3.44		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-26 14:58 (-3)	50.5		34 - 71
		Day 29	2020-06-26 09:18 (29)	44.7		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021021	Neutrophils/Leukocytes (%)	Day 57	2020-07-22 09:35 (27)	45.9		34 - 71
	Platelets (10^9/L)	Screening	2020-05-26 14:58 (-3)	241		163 - 375
		Day 29	2020-06-26 09:18 (29)	236		163 - 375
		Day 57	2020-07-22 09:35 (27)	229		163 - 375
US2021022	Basophils (10^9/L)	Screening	2020-05-26 15:33 (-6)	0.06		0 - 0.3
		Day 29	2020-07-06 11:42 (36)	0.08		0 - 0.3
		Day 57	2020-08-04 12:00 (30)	0.05		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-26 15:33 (-6)	1.2		0 - 3
		Day 29	2020-07-06 11:42 (36)	1.1		0 - 3
		Day 57	2020-08-04 12:00 (30)	1.2		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-26 15:33 (-6)	0.18		0 - 0.8
		Day 29	2020-07-06 11:42 (36)	0.33		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021022	Eosinophils (10^9/L)	Day 57	2020-08-04 12:00 (30)	0.14		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-26 15:33 (-6)	3.5		0 - 7
		Day 29	2020-07-06 11:42 (36)	4.5		0 - 7
		Day 57	2020-08-04 12:00 (30)	3.4		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-26 15:33 (-6)	4.79		3.7 - 5.2
		Day 29	2020-07-06 11:42 (36)	4.53		3.7 - 5.2
		Day 57	2020-08-04 12:00 (30)	4.13		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-26 15:33 (-6)	0.468		0.33 - 0.47
		Day 29	2020-07-06 11:42 (36)	0.459		0.33 - 0.47
		Day 57	2020-08-04 12:00 (30)	0.408		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-26 15:33 (-6)	147		110 - 155
		Day 29	2020-07-06 11:42 (36)	139	G1 Hemoglobin Decreased	110 - 155

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021022	Hemoglobin (g/L)	Day 57	2020-08-04 12:00 (30)	127	G2 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-26 15:33 (-6)	<0.03		0 - 0.07
		Day 29	2020-07-06 11:42 (36)	<0.03		0 - 0.07
		Day 57	2020-08-04 12:00 (30)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-26 15:33 (-6)	0.4		0 - 1
		Day 29	2020-07-06 11:42 (36)	0.3		0 - 1
		Day 57	2020-08-04 12:00 (30)	0.5		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-26 15:33 (-6)	5.13		3.7 - 11
		Day 29	2020-07-06 11:42 (36)	7.37		3.7 - 11
		Day 57	2020-08-04 12:00 (30)	4.12		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-26 15:33 (-6)	1.75		0.9 - 3.6
		Day 29	2020-07-06 11:42 (36)	1.60		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021022	Lymphocytes (10^9/L)	Day 57	2020-08-04 12:00 (30)	0.99	G1 Lymphocytes Decreased	0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-26 15:33 (-6)	34.1		12 - 46
		Day 29	2020-07-06 11:42 (36)	21.7		12 - 46
		Day 57	2020-08-04 12:00 (30)	24.0		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-26 15:33 (-6)	0.49		0 - 1.2
		Day 29	2020-07-06 11:42 (36)	0.61		0 - 1.2
		Day 57	2020-08-04 12:00 (30)	0.41		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-26 15:33 (-6)	9.6		0 - 11
		Day 29	2020-07-06 11:42 (36)	8.3		0 - 11
		Day 57	2020-08-04 12:00 (30)	10.0		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-26 15:33 (-6)	2.63		1.7 - 7.9
		Day 29	2020-07-06 11:42 (36)	4.73		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021022	Neutrophils (10^9/L)	Day 57	2020-08-04 12:00 (30)	2.51		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-26 15:33 (-6)	51.2		34 - 71
		Day 29	2020-07-06 11:42 (36)	64.1		34 - 71
		Day 57	2020-08-04 12:00 (30)	60.9		34 - 71
	Platelets (10^9/L)	Screening	2020-05-26 15:33 (-6)	259		163 - 375
		Day 29	2020-07-06 11:42 (36)	278		163 - 375
		Day 57	2020-08-04 12:00 (30)	152 (L)		163 - 375
US2021043	Basophils (10^9/L)	Screening	2020-05-27 10:02 (-5)	0.03		0 - 0.3
		Day 29	2020-07-02 10:32 (32)	0.04		0 - 0.3
		Day 57	2020-07-29 10:28 (28)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-27 10:02 (-5)	0.6		0 - 3
		Day 29	2020-07-02 10:32 (32)	0.7		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021043	Basophils/Leukocytes (%)	Day 57	2020-07-29 10:28 (28)	0.6		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-27 10:02 (-5)	0.06		0 - 0.8
		Day 29	2020-07-02 10:32 (32)	0.07		0 - 0.8
		Day 57	2020-07-29 10:28 (28)	<0.03		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-27 10:02 (-5)	1.2		0 - 7
		Day 29	2020-07-02 10:32 (32)	1.3		0 - 7
		Day 57	2020-07-29 10:28 (28)	0.4		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-27 10:02 (-5)	4.96		4.63 - 6.08
		Day 29	2020-07-02 10:32 (32)	4.69		4.63 - 6.08
		Day 57	2020-07-29 10:28 (28)	4.64		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-05-27 10:02 (-5)	0.502		0.37 - 0.51
		Day 29	2020-07-02 10:32 (32)	0.492		0.37 - 0.51

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021043	Hematocrit (L/L)	Day 57	2020-07-29 10:28 (28)	0.491		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-05-27 10:02 (-5)	158		125 - 170
		Day 29	2020-07-02 10:32 (32)	150	G1 Hemoglobin Decreased	125 - 170
		Day 57	2020-07-29 10:28 (28)	149	G1 Hemoglobin Decreased	125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-05-27 10:02 (-5)	0.04		0 - 0.07
		Day 29	2020-07-02 10:32 (32)	<0.03		0 - 0.07
		Day 57	2020-07-29 10:28 (28)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-27 10:02 (-5)	0.8		0 - 1
		Day 29	2020-07-02 10:32 (32)	0.2		0 - 1
		Day 57	2020-07-29 10:28 (28)	0.4		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-27 10:02 (-5)	5.07		3.7 - 11
		Day 29	2020-07-02 10:32 (32)	5.55		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021043	Leukocytes (10^9/L)	Day 57	2020-07-29 10:28 (28)	5.00		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-27 10:02 (-5)	1.02		0.9 - 3.6
		Day 29	2020-07-02 10:32 (32)	1.25		0.9 - 3.6
		Day 57	2020-07-29 10:28 (28)	0.99	G1 Lymphocytes Decreased	0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-27 10:02 (-5)	20.1		12 - 46
		Day 29	2020-07-02 10:32 (32)	22.5		12 - 46
		Day 57	2020-07-29 10:28 (28)	19.8		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-27 10:02 (-5)	0.37		0 - 1.2
		Day 29	2020-07-02 10:32 (32)	0.43		0 - 1.2
		Day 57	2020-07-29 10:28 (28)	0.57		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-27 10:02 (-5)	7.3		0 - 11
		Day 29	2020-07-02 10:32 (32)	7.7		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021043	Monocytes/Leukocytes (%)	Day 57	2020-07-29 10:28 (28)	11.4 (H)		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-27 10:02 (-5)	3.55		1.7 - 7.9
		Day 29	2020-07-02 10:32 (32)	3.75		1.7 - 7.9
		Day 57	2020-07-29 10:28 (28)	3.37		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-27 10:02 (-5)	70.0		34 - 71
		Day 29	2020-07-02 10:32 (32)	67.6		34 - 71
		Day 57	2020-07-29 10:28 (28)	67.4		34 - 71
	Platelets (10^9/L)	Screening	2020-05-27 10:02 (-5)	166		163 - 375
		Day 29	2020-07-02 10:32 (32)	172		163 - 375
		Day 57	2020-07-29 10:28 (28)	183		163 - 375
US2021130	Basophils (10^9/L)	Screening	2020-06-01 10:54 (-25)	0.04		0 - 0.3
		Day 29	2020-07-29 11:17 (34)	0.03		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021130	Basophils (10^9/L)	Day 57	2020-08-27 10:28 (30)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-01 10:54 (-25)	0.8		0 - 3
		Day 29	2020-07-29 11:17 (34)	0.6		0 - 3
		Day 57	2020-08-27 10:28 (30)	1.1		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-01 10:54 (-25)	0.08		0 - 0.8
		Day 29	2020-07-29 11:17 (34)	0.09		0 - 0.8
		Day 57	2020-08-27 10:28 (30)	0.08		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-01 10:54 (-25)	1.6		0 - 7
		Day 29	2020-07-29 11:17 (34)	1.8		0 - 7
		Day 57	2020-08-27 10:28 (30)	2.3		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-01 10:54 (-25)	4.07		3.7 - 5.2
		Day 29	2020-07-29 11:17 (34)	4.09		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021130	Erythrocytes (10^12/L)	Day 57	2020-08-27 10:28 (30)	3.99		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-01 10:54 (-25)	0.430		0.33 - 0.47
		Day 29	2020-07-29 11:17 (34)	0.428		0.33 - 0.47
		Day 57	2020-08-27 10:28 (30)	0.440		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-01 10:54 (-25)	122		110 - 155
		Day 29	2020-07-29 11:17 (34)	120	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-27 10:28 (30)	117	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-01 10:54 (-25)	<0.03		0 - 0.07
		Day 29	2020-07-29 11:17 (34)	<0.03		0 - 0.07
		Day 57	2020-08-27 10:28 (30)	0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-01 10:54 (-25)	0.2		0 - 1
		Day 29	2020-07-29 11:17 (34)	0.0		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021130	Immature Granulocytes/Leukocytes (%)	Day 57	2020-08-27 10:28 (30)	0.9		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-01 10:54 (-25)	4.98		3.7 - 11
		Day 29	2020-07-29 11:17 (34)	4.99		3.7 - 11
		Day 57	2020-08-27 10:28 (30)	3.51 (L)		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-01 10:54 (-25)	1.27		0.9 - 3.6
		Day 29	2020-07-29 11:17 (34)	1.34		0.9 - 3.6
		Day 57	2020-08-27 10:28 (30)	1.12		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-01 10:54 (-25)	25.5		12 - 46
		Day 29	2020-07-29 11:17 (34)	26.9		12 - 46
		Day 57	2020-08-27 10:28 (30)	31.9		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-01 10:54 (-25)	0.48		0 - 1.2
		Day 29	2020-07-29 11:17 (34)	0.45		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021130	Monocytes (10^9/L)	Day 57	2020-08-27 10:28 (30)	0.38		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-01 10:54 (-25)	9.6		0 - 11
		Day 29	2020-07-29 11:17 (34)	9.0		0 - 11
		Day 57	2020-08-27 10:28 (30)	10.8		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-01 10:54 (-25)	3.10		1.7 - 7.9
		Day 29	2020-07-29 11:17 (34)	3.08		1.7 - 7.9
		Day 57	2020-08-27 10:28 (30)	1.86	G1 Neutrophils Decreased	1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-01 10:54 (-25)	62.3		34 - 71
		Day 29	2020-07-29 11:17 (34)	61.7		34 - 71
		Day 57	2020-08-27 10:28 (30)	53.0		34 - 71
	Platelets (10^9/L)	Screening	2020-06-01 10:54 (-25)	233		163 - 375
		Day 29	2020-07-29 11:17 (34)	235		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021130	Platelets (10^9/L)	Day 57	2020-08-27 10:28 (30)	210		163 - 375
US2021185	Basophils (10^9/L)	Screening	2020-06-10 10:34 (-16)	<0.03		0 - 0.3
		Unscheduled	2020-06-17 09:48 (-9)	<0.03		0 - 0.3
		Day 57	2020-08-25 09:45 (26)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-10 10:34 (-16)	0.5		0 - 3
		Unscheduled	2020-06-17 09:48 (-9)	0.5		0 - 3
		Day 57	2020-08-25 09:45 (26)	0.5		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-10 10:34 (-16)	0.06		0 - 0.8
		Unscheduled	2020-06-17 09:48 (-9)	0.07		0 - 0.8
		Day 57	2020-08-25 09:45 (26)	0.10		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-10 10:34 (-16)	1.5		0 - 7
		Unscheduled	2020-06-17 09:48 (-9)	1.7		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021185	Eosinophils/Leukocytes (%)	Day 57	2020-08-25 09:45 (26)	2.4		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-10 10:34 (-16)	4.46		3.7 - 5.2
		Unscheduled	2020-06-17 09:48 (-9)	4.34		3.7 - 5.2
		Day 57	2020-08-25 09:45 (26)	4.46		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-10 10:34 (-16)	0.461		0.33 - 0.47
		Unscheduled	2020-06-17 09:48 (-9)	0.450		0.33 - 0.47
		Day 57	2020-08-25 09:45 (26)	0.488 (H)		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-10 10:34 (-16)	142		110 - 155
		Unscheduled	2020-06-17 09:48 (-9)	140		110 - 155
		Day 57	2020-08-25 09:45 (26)	142		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-10 10:34 (-16)	<0.03		0 - 0.07
		Unscheduled	2020-06-17 09:48 (-9)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021185	Immature Granulocytes (10^9/L)	Day 57	2020-08-25 09:45 (26)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-10 10:34 (-16)	0.2		0 - 1
		Unscheduled	2020-06-17 09:48 (-9)	0.2		0 - 1
		Day 57	2020-08-25 09:45 (26)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-10 10:34 (-16)	4.01		3.7 - 11
		Unscheduled	2020-06-17 09:48 (-9)	4.03		3.7 - 11
		Day 57	2020-08-25 09:45 (26)	4.21		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-10 10:34 (-16)	1.86		0.9 - 3.6
		Unscheduled	2020-06-17 09:48 (-9)	1.56		0.9 - 3.6
		Day 57	2020-08-25 09:45 (26)	1.92		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-10 10:34 (-16)	46.4 (H)		12 - 46
		Unscheduled	2020-06-17 09:48 (-9)	38.7		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021185	Lymphocytes/Leukocytes (%)	Day 57	2020-08-25 09:45 (26)	45.6		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-10 10:34 (-16)	0.42		0 - 1.2
		Unscheduled	2020-06-17 09:48 (-9)	0.42		0 - 1.2
		Day 57	2020-08-25 09:45 (26)	0.42		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-10 10:34 (-16)	10.5		0 - 11
		Unscheduled	2020-06-17 09:48 (-9)	10.4		0 - 11
		Day 57	2020-08-25 09:45 (26)	10.0		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-10 10:34 (-16)	1.64 (L)	G1 Neutrophils Decreased	1.7 - 7.9
		Unscheduled	2020-06-17 09:48 (-9)	1.95	G1 Neutrophils Decreased	1.7 - 7.9
		Day 57	2020-08-25 09:45 (26)	1.74	G1 Neutrophils Decreased	1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-10 10:34 (-16)	40.9		34 - 71
		Unscheduled	2020-06-17 09:48 (-9)	48.5		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021185	Neutrophils/Leukocytes (%)	Day 57	2020-08-25 09:45 (26)	41.3		34 - 71
	Platelets (10^9/L)	Screening	2020-06-10 10:34 (-16)	225		163 - 375
		Unscheduled	2020-06-17 09:48 (-9)	221		163 - 375
		Day 57	2020-08-25 09:45 (26)	232		163 - 375
US2021189	Basophils (10^9/L)	Screening	2020-06-11 12:16 (-15)	0.04		0 - 0.3
		Day 29	2020-07-27 11:51 (32)	0.04		0 - 0.3
		Day 57	2020-08-24 11:37 (29)	0.06		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-11 12:16 (-15)	0.7		0 - 3
		Day 29	2020-07-27 11:51 (32)	0.7		0 - 3
		Day 57	2020-08-24 11:37 (29)	1.0		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-11 12:16 (-15)	0.08		0 - 0.8
		Day 29	2020-07-27 11:51 (32)	0.09		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021189	Eosinophils (10^9/L)	Day 57	2020-08-24 11:37 (29)	0.09		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-11 12:16 (-15)	1.4		0 - 7
		Day 29	2020-07-27 11:51 (32)	1.5		0 - 7
		Day 57	2020-08-24 11:37 (29)	1.5		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-11 12:16 (-15)	4.59		3.7 - 5.2
		Day 29	2020-07-27 11:51 (32)	4.54		3.7 - 5.2
		Day 57	2020-08-24 11:37 (29)	4.45		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-11 12:16 (-15)	0.469		0.33 - 0.47
		Day 29	2020-07-27 11:51 (32)	0.492 (H)		0.33 - 0.47
		Day 57	2020-08-24 11:37 (29)	0.506 (H)		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-11 12:16 (-15)	145		110 - 155
		Day 29	2020-07-27 11:51 (32)	145		110 - 155

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021189	Hemoglobin (g/L)	Day 57	2020-08-24 11:37 (29)	145		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-11 12:16 (-15)	<0.03		0 - 0.07
		Day 29	2020-07-27 11:51 (32)	<0.03		0 - 0.07
		Day 57	2020-08-24 11:37 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-11 12:16 (-15)	0.2		0 - 1
		Day 29	2020-07-27 11:51 (32)	0.3		0 - 1
		Day 57	2020-08-24 11:37 (29)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-11 12:16 (-15)	5.78		3.7 - 11
		Day 29	2020-07-27 11:51 (32)	6.05		3.7 - 11
		Day 57	2020-08-24 11:37 (29)	5.84		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-11 12:16 (-15)	2.89		0.9 - 3.6
		Day 29	2020-07-27 11:51 (32)	2.87		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021189	Lymphocytes (10^9/L)	Day 57	2020-08-24 11:37 (29)	2.81		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-11 12:16 (-15)	50.0 (H)		12 - 46
		Day 29	2020-07-27 11:51 (32)	47.4 (H)		12 - 46
		Day 57	2020-08-24 11:37 (29)	48.1 (H)		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-11 12:16 (-15)	0.34		0 - 1.2
		Day 29	2020-07-27 11:51 (32)	0.33		0 - 1.2
		Day 57	2020-08-24 11:37 (29)	0.41		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-11 12:16 (-15)	5.9		0 - 11
		Day 29	2020-07-27 11:51 (32)	5.5		0 - 11
		Day 57	2020-08-24 11:37 (29)	7.0		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-11 12:16 (-15)	2.42		1.7 - 7.9
		Day 29	2020-07-27 11:51 (32)	2.70		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021189	Neutrophils (10^9/L)	Day 57	2020-08-24 11:37 (29)	2.46		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-11 12:16 (-15)	41.8		34 - 71
		Day 29	2020-07-27 11:51 (32)	44.6		34 - 71
		Day 57	2020-08-24 11:37 (29)	42.2		34 - 71
	Platelets (10^9/L)	Screening	2020-06-11 12:16 (-15)	193		163 - 375
		Day 29	2020-07-27 11:51 (32)	185		163 - 375
		Day 57	2020-08-24 11:37 (29)	210		163 - 375
US2021196	Basophils (10^9/L)	Screening	2020-06-12 13:15 (-20)	<0.03		0 - 0.3
		Day 29	2020-08-03 13:41 (33)	<0.03		0 - 0.3
		Day 57	2020-08-31 13:45 (29)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-12 13:15 (-20)	0.3		0 - 3
		Day 29	2020-08-03 13:41 (33)	0.3		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021196	Basophils/Leukocytes (%)	Day 57	2020-08-31 13:45 (29)	0.3		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-12 13:15 (-20)	0.15		0 - 0.8
		Day 29	2020-08-03 13:41 (33)	0.15		0 - 0.8
		Day 57	2020-08-31 13:45 (29)	0.17		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-12 13:15 (-20)	2.5		0 - 7
		Day 29	2020-08-03 13:41 (33)	2.6		0 - 7
		Day 57	2020-08-31 13:45 (29)	2.9		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-12 13:15 (-20)	4.80		3.7 - 5.2
		Day 29	2020-08-03 13:41 (33)	4.60		3.7 - 5.2
		Day 57	2020-08-31 13:45 (29)	4.69		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-12 13:15 (-20)	0.458		0.33 - 0.47
		Day 29	2020-08-03 13:41 (33)	0.443		0.33 - 0.47

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021196	Hematocrit (L/L)	Day 57	2020-08-31 13:45 (29)	0.497 (H)		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-12 13:15 (-20)	144		110 - 155
		Day 29	2020-08-03 13:41 (33)	139	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-31 13:45 (29)	141	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-12 13:15 (-20)	0.04		0 - 0.07
		Day 29	2020-08-03 13:41 (33)	0.03		0 - 0.07
		Day 57	2020-08-31 13:45 (29)	0.04		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-12 13:15 (-20)	0.7		0 - 1
		Day 29	2020-08-03 13:41 (33)	0.5		0 - 1
		Day 57	2020-08-31 13:45 (29)	0.7		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-12 13:15 (-20)	5.93		3.7 - 11
		Day 29	2020-08-03 13:41 (33)	5.78		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021196	Leukocytes (10^9/L)	Day 57	2020-08-31 13:45 (29)	5.96		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-12 13:15 (-20)	1.85		0.9 - 3.6
		Day 29	2020-08-03 13:41 (33)	2.30		0.9 - 3.6
		Day 57	2020-08-31 13:45 (29)	2.05		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-12 13:15 (-20)	31.2		12 - 46
		Day 29	2020-08-03 13:41 (33)	39.8		12 - 46
		Day 57	2020-08-31 13:45 (29)	34.4		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-12 13:15 (-20)	0.36		0 - 1.2
		Day 29	2020-08-03 13:41 (33)	0.53		0 - 1.2
		Day 57	2020-08-31 13:45 (29)	0.46		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-12 13:15 (-20)	6.1		0 - 11
		Day 29	2020-08-03 13:41 (33)	9.2		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021196	Monocytes/Leukocytes (%)	Day 57	2020-08-31 13:45 (29)	7.7		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-12 13:15 (-20)	3.51		1.7 - 7.9
		Day 29	2020-08-03 13:41 (33)	2.75		1.7 - 7.9
		Day 57	2020-08-31 13:45 (29)	3.22		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-12 13:15 (-20)	59.2		34 - 71
		Day 29	2020-08-03 13:41 (33)	47.6		34 - 71
		Day 57	2020-08-31 13:45 (29)	54.0		34 - 71
	Platelets (10^9/L)	Screening	2020-06-12 13:15 (-20)	227		163 - 375
		Day 29	2020-08-03 13:41 (33)	222		163 - 375
		Day 57	2020-08-31 13:45 (29)	216		163 - 375
US2021198	Basophils (10^9/L)	Screening	2020-06-15 12:06 (-14)	0.06		0 - 0.3
		Day 29	2020-08-04 10:18 (37)	0.05		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021198	Basophils (10^9/L)	Day 57	2020-09-01 10:39 (29)	0.08		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-15 12:06 (-14)	1.1		0 - 3
		Day 29	2020-08-04 10:18 (37)	0.8		0 - 3
		Day 57	2020-09-01 10:39 (29)	1.2		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-15 12:06 (-14)	0.14		0 - 0.8
		Day 29	2020-08-04 10:18 (37)	0.13		0 - 0.8
		Day 57	2020-09-01 10:39 (29)	0.17		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-15 12:06 (-14)	2.7		0 - 7
		Day 29	2020-08-04 10:18 (37)	2.1		0 - 7
		Day 57	2020-09-01 10:39 (29)	2.5		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-15 12:06 (-14)	4.38		3.7 - 5.2
		Day 29	2020-08-04 10:18 (37)	4.10		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021198	Erythrocytes (10^12/L)	Day 57	2020-09-01 10:39 (29)	4.40		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-15 12:06 (-14)	0.438		0.33 - 0.47
		Day 29	2020-08-04 10:18 (37)	0.397		0.33 - 0.47
		Day 57	2020-09-01 10:39 (29)	0.465		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-15 12:06 (-14)	133		110 - 155
		Day 29	2020-08-04 10:18 (37)	125	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-09-01 10:39 (29)	133		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-15 12:06 (-14)	<0.03		0 - 0.07
		Day 29	2020-08-04 10:18 (37)	<0.03		0 - 0.07
		Day 57	2020-09-01 10:39 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-15 12:06 (-14)	0.2		0 - 1
		Day 29	2020-08-04 10:18 (37)	0.3		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021198	Immature Granulocytes/Leukocytes (%)	Day 57	2020-09-01 10:39 (29)	0.1		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-15 12:06 (-14)	5.26		3.7 - 11
		Day 29	2020-08-04 10:18 (37)	6.15		3.7 - 11
		Day 57	2020-09-01 10:39 (29)	6.86		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-15 12:06 (-14)	1.83		0.9 - 3.6
		Day 29	2020-08-04 10:18 (37)	1.90		0.9 - 3.6
		Day 57	2020-09-01 10:39 (29)	2.29		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-15 12:06 (-14)	34.8		12 - 46
		Day 29	2020-08-04 10:18 (37)	30.9		12 - 46
		Day 57	2020-09-01 10:39 (29)	33.4		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-15 12:06 (-14)	0.40		0 - 1.2
		Day 29	2020-08-04 10:18 (37)	0.56		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021198	Monocytes (10^9/L)	Day 57	2020-09-01 10:39 (29)	0.47		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-15 12:06 (-14)	7.6		0 - 11
		Day 29	2020-08-04 10:18 (37)	9.1		0 - 11
		Day 57	2020-09-01 10:39 (29)	6.9		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-15 12:06 (-14)	2.82		1.7 - 7.9
		Day 29	2020-08-04 10:18 (37)	3.49		1.7 - 7.9
		Day 57	2020-09-01 10:39 (29)	3.84		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-15 12:06 (-14)	53.6		34 - 71
		Day 29	2020-08-04 10:18 (37)	56.8		34 - 71
		Day 57	2020-09-01 10:39 (29)	55.9		34 - 71
	Platelets (10^9/L)	Screening	2020-06-15 12:06 (-14)	213		163 - 375
		Day 29	2020-08-04 10:18 (37)	196		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021198	Platelets (10^9/L)	Day 57	2020-09-01 10:39 (29)	206		163 - 375
US2021206	Basophils (10^9/L)	Screening	2020-06-17 11:59 (-15)	0.04		0 - 0.3
		Day 29	2020-08-04 10:36 (34)	0.05		0 - 0.3
		Day 57	2020-09-08 10:59 (36)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-17 11:59 (-15)	0.7		0 - 3
		Day 29	2020-08-04 10:36 (34)	1.0		0 - 3
		Day 57	2020-09-08 10:59 (36)	0.7		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-17 11:59 (-15)	0.13		0 - 0.8
		Day 29	2020-08-04 10:36 (34)	0.15		0 - 0.8
		Day 57	2020-09-08 10:59 (36)	0.19		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-17 11:59 (-15)	2.3		0 - 7
		Day 29	2020-08-04 10:36 (34)	2.9		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021206	Eosinophils/Leukocytes (%)	Day 57	2020-09-08 10:59 (36)	4.1		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-17 11:59 (-15)	4.84		3.7 - 5.2
		Day 29	2020-08-04 10:36 (34)	5.13		3.7 - 5.2
		Day 57	2020-09-08 10:59 (36)	4.60		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-17 11:59 (-15)	0.462		0.33 - 0.47
		Day 29	2020-08-04 10:36 (34)	0.465		0.33 - 0.47
		Day 57	2020-09-08 10:59 (36)	0.455		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-17 11:59 (-15)	138		110 - 155
		Day 29	2020-08-04 10:36 (34)	148		110 - 155
		Day 57	2020-09-08 10:59 (36)	133	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-17 11:59 (-15)	<0.03		0 - 0.07
		Day 29	2020-08-04 10:36 (34)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021206	Immature Granulocytes (10^9/L)	Day 57	2020-09-08 10:59 (36)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-17 11:59 (-15)	0.2		0 - 1
		Day 29	2020-08-04 10:36 (34)	0.2		0 - 1
		Day 57	2020-09-08 10:59 (36)	0.4		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-17 11:59 (-15)	5.57		3.7 - 11
		Day 29	2020-08-04 10:36 (34)	5.17		3.7 - 11
		Day 57	2020-09-08 10:59 (36)	4.59		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-17 11:59 (-15)	1.62		0.9 - 3.6
		Day 29	2020-08-04 10:36 (34)	1.55		0.9 - 3.6
		Day 57	2020-09-08 10:59 (36)	1.19		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-17 11:59 (-15)	29.1		12 - 46
		Day 29	2020-08-04 10:36 (34)	30.0		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021206	Lymphocytes/Leukocytes (%)	Day 57	2020-09-08 10:59 (36)	25.9		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-17 11:59 (-15)	0.48		0 - 1.2
		Day 29	2020-08-04 10:36 (34)	0.44		0 - 1.2
		Day 57	2020-09-08 10:59 (36)	0.32		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-17 11:59 (-15)	8.6		0 - 11
		Day 29	2020-08-04 10:36 (34)	8.5		0 - 11
		Day 57	2020-09-08 10:59 (36)	7.0		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-17 11:59 (-15)	3.29		1.7 - 7.9
		Day 29	2020-08-04 10:36 (34)	2.97		1.7 - 7.9
		Day 57	2020-09-08 10:59 (36)	2.84		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-17 11:59 (-15)	59.1		34 - 71
		Day 29	2020-08-04 10:36 (34)	57.4		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021206	Neutrophils/Leukocytes (%)	Day 57	2020-09-08 10:59 (36)	61.9		34 - 71
	Platelets (10^9/L)	Screening	2020-06-17 11:59 (-15)	260		163 - 375
		Day 29	2020-08-04 10:36 (34)	242		163 - 375
US2021207	Basophils (10^9/L)	Screening	2020-06-17 12:48 (-9)	0.05		0 - 0.3
		Day 29	2020-08-06 11:01 (42)	0.04		0 - 0.3
		Day 57	2020-09-03 14:47 (29)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-17 12:48 (-9)	0.9		0 - 3
		Day 29	2020-08-06 11:01 (42)	0.7		0 - 3
		Day 57	2020-09-03 14:47 (29)	0.6		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-17 12:48 (-9)	0.18		0 - 0.8
		Day 29	2020-08-06 11:01 (42)	0.19		0 - 0.8
		Day 57	2020-09-03 14:47 (29)	0.19		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021207	Eosinophils/Leukocytes (%)	Screening	2020-06-17 12:48 (-9)	3.4		0 - 7
		Day 29	2020-08-06 11:01 (42)	3.2		0 - 7
		Day 57	2020-09-03 14:47 (29)	3.6		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-17 12:48 (-9)	4.19		3.7 - 5.2
		Day 29	2020-08-06 11:01 (42)	3.86		3.7 - 5.2
		Day 57	2020-09-03 14:47 (29)	3.50 (L)		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-17 12:48 (-9)	0.392		0.33 - 0.47
		Day 29	2020-08-06 11:01 (42)	0.356		0.33 - 0.47
		Day 57	2020-09-03 14:47 (29)	0.357		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-17 12:48 (-9)	117	G1 Hemoglobin Decreased	110 - 155
		Day 29	2020-08-06 11:01 (42)	107 (L)	G2 Hemoglobin Decreased	110 - 155
		Day 57	2020-09-03 14:47 (29)	99 (L)	G2 Hemoglobin Decreased	110 - 155

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021207	Immature Granulocytes (10^9/L)	Screening	2020-06-17 12:48 (-9)	<0.03		0 - 0.07
		Day 29	2020-08-06 11:01 (42)	0.03		0 - 0.07
		Day 57	2020-09-03 14:47 (29)	0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-17 12:48 (-9)	0.2		0 - 1
		Day 29	2020-08-06 11:01 (42)	0.5		0 - 1
		Day 57	2020-09-03 14:47 (29)	0.6		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-17 12:48 (-9)	5.36		3.7 - 11
		Day 29	2020-08-06 11:01 (42)	5.94		3.7 - 11
		Day 57	2020-09-03 14:47 (29)	5.30		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-17 12:48 (-9)	1.56		0.9 - 3.6
		Day 29	2020-08-06 11:01 (42)	1.81		0.9 - 3.6
		Day 57	2020-09-03 14:47 (29)	1.74		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021207	Lymphocytes/Leukocytes (%)	Screening	2020-06-17 12:48 (-9)	29.1		12 - 46
		Day 29	2020-08-06 11:01 (42)	30.5		12 - 46
		Day 57	2020-09-03 14:47 (29)	32.8		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-17 12:48 (-9)	0.39		0 - 1.2
		Day 29	2020-08-06 11:01 (42)	0.56		0 - 1.2
		Day 57	2020-09-03 14:47 (29)	0.44		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-17 12:48 (-9)	7.3		0 - 11
		Day 29	2020-08-06 11:01 (42)	9.4		0 - 11
		Day 57	2020-09-03 14:47 (29)	8.3		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-17 12:48 (-9)	3.17		1.7 - 7.9
		Day 29	2020-08-06 11:01 (42)	3.31		1.7 - 7.9
		Day 57	2020-09-03 14:47 (29)	2.87		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021207	Neutrophils/Leukocytes (%)	Screening	2020-06-17 12:48 (-9)	59.1		34 - 71
		Day 29	2020-08-06 11:01 (42)	55.7		34 - 71
		Day 57	2020-09-03 14:47 (29)	54.1		34 - 71
	Platelets (10^9/L)	Screening	2020-06-17 12:48 (-9)	365		163 - 375
		Day 29	2020-08-06 11:01 (42)	341		163 - 375
		Day 57	2020-09-03 14:47 (29)	342		163 - 375
US2021219	Basophils (10^9/L)	Screening	2020-06-23 12:03 (-7)	0.04		0 - 0.3
		Unscheduled	2020-08-11 09:43 (12)	0.06		0 - 0.3
		Day 57	2020-09-03 11:11 (35)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-23 12:03 (-7)	0.7		0 - 3
		Unscheduled	2020-08-11 09:43 (12)	1.0		0 - 3
		Day 57	2020-09-03 11:11 (35)	0.7		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021219	Eosinophils (10^9/L)	Screening	2020-06-23 12:03 (-7)	0.22		0 - 0.8
		Unscheduled	2020-08-11 09:43 (12)	0.21		0 - 0.8
		Day 57	2020-09-03 11:11 (35)	0.14		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-23 12:03 (-7)	3.6		0 - 7
		Unscheduled	2020-08-11 09:43 (12)	3.4		0 - 7
		Day 57	2020-09-03 11:11 (35)	2.6		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-23 12:03 (-7)	4.12		3.7 - 5.2
		Unscheduled	2020-08-11 09:43 (12)	3.98		3.7 - 5.2
		Day 57	2020-09-03 11:11 (35)	4.14		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-23 12:03 (-7)	0.440		0.33 - 0.47
		Unscheduled	2020-08-11 09:43 (12)	0.432		0.33 - 0.47
		Day 57	2020-09-03 11:11 (35)	0.476 (H)		0.33 - 0.47

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021219	Hemoglobin (g/L)	Screening	2020-06-23 12:03 (-7)	129		110 - 155
		Unscheduled	2020-08-11 09:43 (12)	126	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-09-03 11:11 (35)	131		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-23 12:03 (-7)	<0.03		0 - 0.07
		Unscheduled	2020-08-11 09:43 (12)	<0.03		0 - 0.07
		Day 57	2020-09-03 11:11 (35)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-23 12:03 (-7)	0.2		0 - 1
		Unscheduled	2020-08-11 09:43 (12)	0.3		0 - 1
		Day 57	2020-09-03 11:11 (35)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-23 12:03 (-7)	6.06		3.7 - 11
		Unscheduled	2020-08-11 09:43 (12)	6.15		3.7 - 11
		Day 57	2020-09-03 11:11 (35)	5.43		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021219	Lymphocytes (10^9/L)	Screening	2020-06-23 12:03 (-7)	2.01		0.9 - 3.6
		Unscheduled	2020-08-11 09:43 (12)	1.92		0.9 - 3.6
		Day 57	2020-09-03 11:11 (35)	1.76		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-23 12:03 (-7)	33.2		12 - 46
		Unscheduled	2020-08-11 09:43 (12)	31.2		12 - 46
		Day 57	2020-09-03 11:11 (35)	32.4		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-23 12:03 (-7)	0.58		0 - 1.2
		Unscheduled	2020-08-11 09:43 (12)	0.66		0 - 1.2
		Day 57	2020-09-03 11:11 (35)	0.47		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-23 12:03 (-7)	9.6		0 - 11
		Unscheduled	2020-08-11 09:43 (12)	10.7		0 - 11
		Day 57	2020-09-03 11:11 (35)	8.7		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021219	Neutrophils (10^9/L)	Screening	2020-06-23 12:03 (-7)	3.20		1.7 - 7.9
		Unscheduled	2020-08-11 09:43 (12)	3.28		1.7 - 7.9
		Day 57	2020-09-03 11:11 (35)	3.01		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-23 12:03 (-7)	52.7		34 - 71
		Unscheduled	2020-08-11 09:43 (12)	53.4		34 - 71
		Day 57	2020-09-03 11:11 (35)	55.4		34 - 71
	Platelets (10^9/L)	Screening	2020-06-23 12:03 (-7)	191		163 - 375
		Unscheduled	2020-08-11 09:43 (12)	206		163 - 375
		Day 57	2020-09-03 11:11 (35)	202		163 - 375
US2021222	Basophils (10^9/L)	Screening	2020-06-29 14:05 (-3)	0.04		0 - 0.3
		Day 57	2020-08-25 12:29 (26)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-29 14:05 (-3)	0.5		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021222	Basophils/Leukocytes (%)	Day 57	2020-08-25 12:29 (26)	0.5		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-29 14:05 (-3)	0.09		0 - 0.8
		Day 57	2020-08-25 12:29 (26)	0.07		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-29 14:05 (-3)	1.1		0 - 7
		Day 57	2020-08-25 12:29 (26)	1.3		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-29 14:05 (-3)	4.41		3.7 - 5.2
		Day 57	2020-08-25 12:29 (26)	4.55		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-29 14:05 (-3)	0.452		0.33 - 0.47
		Day 57	2020-08-25 12:29 (26)	0.481 (H)		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-29 14:05 (-3)	134		110 - 155
		Day 57	2020-08-25 12:29 (26)	137		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-29 14:05 (-3)	0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021222	Immature Granulocytes (10^9/L)	Day 57	2020-08-25 12:29 (26)	0.05		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-29 14:05 (-3)	0.4		0 - 1
		Day 57	2020-08-25 12:29 (26)	0.9		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-29 14:05 (-3)	8.14		3.7 - 11
		Day 57	2020-08-25 12:29 (26)	5.60		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-29 14:05 (-3)	2.00		0.9 - 3.6
		Day 57	2020-08-25 12:29 (26)	1.59		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-29 14:05 (-3)	24.6		12 - 46
		Day 57	2020-08-25 12:29 (26)	28.4		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-29 14:05 (-3)	0.49		0 - 1.2
		Day 57	2020-08-25 12:29 (26)	0.44		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-29 14:05 (-3)	6.0		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021222	Monocytes/Leukocytes (%)	Day 57	2020-08-25 12:29 (26)	7.9		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-29 14:05 (-3)	5.49		1.7 - 7.9
		Day 57	2020-08-25 12:29 (26)	3.42		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-29 14:05 (-3)	67.4		34 - 71
		Day 57	2020-08-25 12:29 (26)	61.0		34 - 71
	Platelets (10^9/L)	Screening	2020-06-29 14:05 (-3)	241		163 - 375
		Day 57	2020-08-25 12:29 (26)	251		163 - 375
US2031085	Basophils (10^9/L)	Screening	2020-06-08 09:59 (-18)	0.05		0 - 0.3
		Day 29	2020-07-29 08:34 (34)	0.05		0 - 0.3
		Day 57	2020-08-26 08:48 (29)	0.06		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-08 09:59 (-18)	1.0		0 - 3
		Day 29	2020-07-29 08:34 (34)	1.4		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031085	Basophils/Leukocytes (%)	Day 57	2020-08-26 08:48 (29)	1.8		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-08 09:59 (-18)	0.14		0 - 0.8
		Day 29	2020-07-29 08:34 (34)	0.11		0 - 0.8
		Day 57	2020-08-26 08:48 (29)	0.10		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-08 09:59 (-18)	2.8		0 - 7
		Day 29	2020-07-29 08:34 (34)	3.0		0 - 7
		Day 57	2020-08-26 08:48 (29)	3.1		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-08 09:59 (-18)	4.04		3.7 - 5.2
		Day 29	2020-07-29 08:34 (34)	4.05		3.7 - 5.2
		Day 57	2020-08-26 08:48 (29)	3.94		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-08 09:59 (-18)	0.451		0.33 - 0.47
		Day 29	2020-07-29 08:34 (34)	0.443		0.33 - 0.47

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031085	Hematocrit (L/L)	Day 57	2020-08-26 08:48 (29)	0.442		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-08 09:59 (-18)	138		110 - 155
		Day 29	2020-07-29 08:34 (34)	137	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-26 08:48 (29)	134	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-08 09:59 (-18)	<0.03		0 - 0.07
		Day 29	2020-07-29 08:34 (34)	<0.03		0 - 0.07
		Day 57	2020-08-26 08:48 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-08 09:59 (-18)	0.4		0 - 1
		Day 29	2020-07-29 08:34 (34)	0.3		0 - 1
		Day 57	2020-08-26 08:48 (29)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-08 09:59 (-18)	4.97		3.7 - 11
		Day 29	2020-07-29 08:34 (34)	3.69 (L)		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031085	Leukocytes (10^9/L)	Day 57	2020-08-26 08:48 (29)	3.25 (L)	G1 WBC Decreased	3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-08 09:59 (-18)	1.57		0.9 - 3.6
		Day 29	2020-07-29 08:34 (34)	1.37		0.9 - 3.6
		Day 57	2020-08-26 08:48 (29)	1.21		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-08 09:59 (-18)	31.6		12 - 46
		Day 29	2020-07-29 08:34 (34)	37.1		12 - 46
		Day 57	2020-08-26 08:48 (29)	37.2		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-08 09:59 (-18)	0.51		0 - 1.2
		Day 29	2020-07-29 08:34 (34)	0.44		0 - 1.2
		Day 57	2020-08-26 08:48 (29)	0.34		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-08 09:59 (-18)	10.3		0 - 11
		Day 29	2020-07-29 08:34 (34)	11.9 (H)		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031085	Monocytes/Leukocytes (%)	Day 57	2020-08-26 08:48 (29)	10.5		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-08 09:59 (-18)	2.68		1.7 - 7.9
		Day 29	2020-07-29 08:34 (34)	1.71	G1 Neutrophils Decreased	1.7 - 7.9
		Day 57	2020-08-26 08:48 (29)	1.53 (L)	G1 Neutrophils Decreased	1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-08 09:59 (-18)	53.9		34 - 71
		Day 29	2020-07-29 08:34 (34)	46.3		34 - 71
		Day 57	2020-08-26 08:48 (29)	47.1		34 - 71
	Platelets (10^9/L)	Screening	2020-06-08 09:59 (-18)	196		163 - 375
		Day 29	2020-07-29 08:34 (34)	206		163 - 375
		Day 57	2020-08-26 08:48 (29)	178		163 - 375
US2031089	Basophils (10^9/L)	Screening	2020-06-08 13:50 (-18)	0.03		0 - 0.3
		Day 29	2020-07-29 09:48 (34)	0.04		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031089	Basophils (10^9/L)	Day 57	2020-08-27 09:37 (30)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-08 13:50 (-18)	0.4		0 - 3
		Day 29	2020-07-29 09:48 (34)	0.7		0 - 3
		Day 57	2020-08-27 09:37 (30)	0.5		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-08 13:50 (-18)	0.17		0 - 0.8
		Day 29	2020-07-29 09:48 (34)	0.20		0 - 0.8
		Day 57	2020-08-27 09:37 (30)	0.24		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-08 13:50 (-18)	2.3		0 - 7
		Day 29	2020-07-29 09:48 (34)	3.6		0 - 7
		Day 57	2020-08-27 09:37 (30)	3.6		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-08 13:50 (-18)	4.90		4.63 - 6.08
		Day 29	2020-07-29 09:48 (34)	4.92		4.63 - 6.08

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031089	Erythrocytes (10^12/L)	Day 57	2020-08-27 09:37 (30)	4.94		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-08 13:50 (-18)	0.488		0.37 - 0.51
		Day 29	2020-07-29 09:48 (34)	0.491		0.37 - 0.51
		Day 57	2020-08-27 09:37 (30)	0.496		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-08 13:50 (-18)	151		125 - 170
		Day 29	2020-07-29 09:48 (34)	151		125 - 170
		Day 57	2020-08-27 09:37 (30)	150	G1 Hemoglobin Decreased	125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-08 13:50 (-18)	<0.03		0 - 0.07
		Day 29	2020-07-29 09:48 (34)	<0.03		0 - 0.07
		Day 57	2020-08-27 09:37 (30)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-08 13:50 (-18)	0.1		0 - 1
		Day 29	2020-07-29 09:48 (34)	0.2		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031089	Immature Granulocytes/Leukocytes (%)	Day 57	2020-08-27 09:37 (30)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-08 13:50 (-18)	7.37		3.7 - 11
		Day 29	2020-07-29 09:48 (34)	5.62		3.7 - 11
		Day 57	2020-08-27 09:37 (30)	6.62		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-08 13:50 (-18)	2.39		0.9 - 3.6
		Day 29	2020-07-29 09:48 (34)	1.84		0.9 - 3.6
		Day 57	2020-08-27 09:37 (30)	2.15		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-08 13:50 (-18)	32.4		12 - 46
		Day 29	2020-07-29 09:48 (34)	32.7		12 - 46
		Day 57	2020-08-27 09:37 (30)	32.5		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-08 13:50 (-18)	0.41		0 - 1.2
		Day 29	2020-07-29 09:48 (34)	0.38		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031089	Monocytes (10^9/L)	Day 57	2020-08-27 09:37 (30)	0.50		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-08 13:50 (-18)	5.6		0 - 11
		Day 29	2020-07-29 09:48 (34)	6.8		0 - 11
		Day 57	2020-08-27 09:37 (30)	7.6		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-08 13:50 (-18)	4.36		1.7 - 7.9
		Day 29	2020-07-29 09:48 (34)	3.15		1.7 - 7.9
		Day 57	2020-08-27 09:37 (30)	3.69		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-08 13:50 (-18)	59.2		34 - 71
		Day 29	2020-07-29 09:48 (34)	56.0		34 - 71
		Day 57	2020-08-27 09:37 (30)	55.6		34 - 71
	Platelets (10^9/L)	Screening	2020-06-08 13:50 (-18)	194		163 - 375
		Day 29	2020-07-29 09:48 (34)	197		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031089	Platelets (10^9/L)	Day 57	2020-08-27 09:37 (30)	202		163 - 375
US2031092	Basophils (10^9/L)	Unscheduled	2020-06-18 11:35 (-12)	0.03		0 - 0.3
		Day 29	2020-07-29 10:27 (30)	<0.03		0 - 0.3
		Day 57	2020-08-25 10:58 (28)	0.05		0 - 0.3
	Basophils/Leukocytes (%)	Unscheduled	2020-06-18 11:35 (-12)	0.4		0 - 3
		Day 29	2020-07-29 10:27 (30)	0.3		0 - 3
		Day 57	2020-08-25 10:58 (28)	0.8		0 - 3
	Eosinophils (10^9/L)	Unscheduled	2020-06-18 11:35 (-12)	0.16		0 - 0.8
		Day 29	2020-07-29 10:27 (30)	0.17		0 - 0.8
		Day 57	2020-08-25 10:58 (28)	0.18		0 - 0.8
	Eosinophils/Leukocytes (%)	Unscheduled	2020-06-18 11:35 (-12)	2.4		0 - 7
		Day 29	2020-07-29 10:27 (30)	2.6		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031092	Eosinophils/Leukocytes (%)	Day 57	2020-08-25 10:58 (28)	3.0		0 - 7
	Erythrocytes (10^12/L)	Unscheduled	2020-06-18 11:35 (-12)	4.77		3.7 - 5.2
		Day 29	2020-07-29 10:27 (30)	4.36		3.7 - 5.2
		Day 57	2020-08-25 10:58 (28)	4.50		3.7 - 5.2
	Hematocrit (L/L)	Unscheduled	2020-06-18 11:35 (-12)	0.482 (H)		0.33 - 0.47
		Day 29	2020-07-29 10:27 (30)	0.446		0.33 - 0.47
		Day 57	2020-08-25 10:58 (28)	0.499 (H)		0.33 - 0.47
	Hemoglobin (g/L)	Unscheduled	2020-06-18 11:35 (-12)	150		110 - 155
		Day 29	2020-07-29 10:27 (30)	138	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-25 10:58 (28)	143	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Unscheduled	2020-06-18 11:35 (-12)	<0.03		0 - 0.07
		Day 29	2020-07-29 10:27 (30)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031092	Immature Granulocytes (10^9/L)	Day 57	2020-08-25 10:58 (28)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Unscheduled	2020-06-18 11:35 (-12)	0.3		0 - 1
		Day 29	2020-07-29 10:27 (30)	0.3		0 - 1
		Day 57	2020-08-25 10:58 (28)	0.3		0 - 1
	Leukocytes (10^9/L)	Unscheduled	2020-06-18 11:35 (-12)	6.76		3.7 - 11
		Day 29	2020-07-29 10:27 (30)	6.64		3.7 - 11
		Day 57	2020-08-25 10:58 (28)	6.01		3.7 - 11
	Lymphocytes (10^9/L)	Unscheduled	2020-06-18 11:35 (-12)	2.20		0.9 - 3.6
		Day 29	2020-07-29 10:27 (30)	1.60		0.9 - 3.6
		Day 57	2020-08-25 10:58 (28)	1.44		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Unscheduled	2020-06-18 11:35 (-12)	32.5		12 - 46
		Day 29	2020-07-29 10:27 (30)	24.1		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031092	Lymphocytes/Leukocytes (%)	Day 57	2020-08-25 10:58 (28)	24.0		12 - 46
	Monocytes (10^9/L)	Unscheduled	2020-06-18 11:35 (-12)	0.56		0 - 1.2
		Day 29	2020-07-29 10:27 (30)	0.56		0 - 1.2
		Day 57	2020-08-25 10:58 (28)	0.44		0 - 1.2
	Monocytes/Leukocytes (%)	Unscheduled	2020-06-18 11:35 (-12)	8.3		0 - 11
		Day 29	2020-07-29 10:27 (30)	8.4		0 - 11
		Day 57	2020-08-25 10:58 (28)	7.3		0 - 11
	Neutrophils (10^9/L)	Unscheduled	2020-06-18 11:35 (-12)	3.79		1.7 - 7.9
		Day 29	2020-07-29 10:27 (30)	4.27		1.7 - 7.9
		Day 57	2020-08-25 10:58 (28)	3.88		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Unscheduled	2020-06-18 11:35 (-12)	56.1		34 - 71
		Day 29	2020-07-29 10:27 (30)	64.3		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031092	Neutrophils/Leukocytes (%)	Day 57	2020-08-25 10:58 (28)	64.6		34 - 71
	Platelets (10^9/L)	Unscheduled	2020-06-18 11:35 (-12)	180		163 - 375
		Day 29	2020-07-29 10:27 (30)	141 (L)		163 - 375
		Day 57	2020-08-25 10:58 (28)	180		163 - 375
US2031095	Basophils (10^9/L)	Screening	2020-06-09 10:24 (-20)	0.03		0 - 0.3
		Day 29	2020-07-27 08:35 (29)	0.04		0 - 0.3
		Day 57	2020-08-21 11:55 (26)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-09 10:24 (-20)	0.4		0 - 3
		Day 29	2020-07-27 08:35 (29)	0.7		0 - 3
		Day 57	2020-08-21 11:55 (26)	0.3		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-09 10:24 (-20)	0.17		0 - 0.8
		Day 29	2020-07-27 08:35 (29)	0.16		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031095	Eosinophils (10^9/L)	Day 57	2020-08-21 11:55 (26)	0.16		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-09 10:24 (-20)	2.3		0 - 7
		Day 29	2020-07-27 08:35 (29)	2.6		0 - 7
		Day 57	2020-08-21 11:55 (26)	1.7		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-09 10:24 (-20)	4.95		3.7 - 5.2
		Day 29	2020-07-27 08:35 (29)	4.85		3.7 - 5.2
		Day 57	2020-08-21 11:55 (26)	4.34		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-09 10:24 (-20)	0.460		0.33 - 0.47
		Day 29	2020-07-27 08:35 (29)	0.462		0.33 - 0.47
		Day 57	2020-08-21 11:55 (26)	0.413		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-09 10:24 (-20)	141		110 - 155
		Day 29	2020-07-27 08:35 (29)	140	G1 Hemoglobin Decreased	110 - 155

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031095	Hemoglobin (g/L)	Day 57	2020-08-21 11:55 (26)	126	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-09 10:24 (-20)	0.03		0 - 0.07
		Day 29	2020-07-27 08:35 (29)	<0.03		0 - 0.07
		Day 57	2020-08-21 11:55 (26)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-09 10:24 (-20)	0.4		0 - 1
		Day 29	2020-07-27 08:35 (29)	0.2		0 - 1
		Day 57	2020-08-21 11:55 (26)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-09 10:24 (-20)	7.39		3.7 - 11
		Day 29	2020-07-27 08:35 (29)	6.13		3.7 - 11
		Day 57	2020-08-21 11:55 (26)	9.34		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-09 10:24 (-20)	1.69		0.9 - 3.6
		Day 29	2020-07-27 08:35 (29)	1.58		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031095	Lymphocytes (10^9/L)	Day 57	2020-08-21 11:55 (26)	1.85		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-09 10:24 (-20)	22.9		12 - 46
		Day 29	2020-07-27 08:35 (29)	25.8		12 - 46
		Day 57	2020-08-21 11:55 (26)	19.8		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-09 10:24 (-20)	0.58		0 - 1.2
		Day 29	2020-07-27 08:35 (29)	0.45		0 - 1.2
		Day 57	2020-08-21 11:55 (26)	0.67		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-09 10:24 (-20)	7.8		0 - 11
		Day 29	2020-07-27 08:35 (29)	7.3		0 - 11
		Day 57	2020-08-21 11:55 (26)	7.2		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-09 10:24 (-20)	4.89		1.7 - 7.9
		Day 29	2020-07-27 08:35 (29)	3.89		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031095	Neutrophils (10^9/L)	Day 57	2020-08-21 11:55 (26)	6.61		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-09 10:24 (-20)	66.2		34 - 71
		Day 29	2020-07-27 08:35 (29)	63.4		34 - 71
		Day 57	2020-08-21 11:55 (26)	70.8		34 - 71
	Platelets (10^9/L)	Screening	2020-06-09 10:24 (-20)	252		163 - 375
		Day 29	2020-07-27 08:35 (29)	252		163 - 375
		Day 57	2020-08-21 11:55 (26)	289		163 - 375
US2031098	Basophils (10^9/L)	Screening	2020-06-09 11:04 (-20)	0.03		0 - 0.3
		Day 29	2020-07-29 10:55 (31)	0.03		0 - 0.3
		Day 57	2020-08-24 11:03 (27)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-09 11:04 (-20)	0.6		0 - 3
		Day 29	2020-07-29 10:55 (31)	0.5		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031098	Basophils/Leukocytes (%)	Day 57	2020-08-24 11:03 (27)	0.7		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-09 11:04 (-20)	0.05		0 - 0.8
		Day 29	2020-07-29 10:55 (31)	0.04		0 - 0.8
		Day 57	2020-08-24 11:03 (27)	0.03		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-09 11:04 (-20)	1.0		0 - 7
		Day 29	2020-07-29 10:55 (31)	0.6		0 - 7
		Day 57	2020-08-24 11:03 (27)	0.6		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-09 11:04 (-20)	4.56		3.7 - 5.2
		Day 29	2020-07-29 10:55 (31)	4.54		3.7 - 5.2
		Day 57	2020-08-24 11:03 (27)	4.05		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-09 11:04 (-20)	0.422		0.33 - 0.47
		Day 29	2020-07-29 10:55 (31)	0.436		0.33 - 0.47

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031098	Hematocrit (L/L)	Day 57	2020-08-24 11:03 (27)	0.392		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-09 11:04 (-20)	134		110 - 155
		Day 29	2020-07-29 10:55 (31)	135		110 - 155
		Day 57	2020-08-24 11:03 (27)	121	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-09 11:04 (-20)	<0.03		0 - 0.07
		Day 29	2020-07-29 10:55 (31)	<0.03		0 - 0.07
		Day 57	2020-08-24 11:03 (27)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-09 11:04 (-20)	0.2		0 - 1
		Day 29	2020-07-29 10:55 (31)	0.2		0 - 1
		Day 57	2020-08-24 11:03 (27)	0.0		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-09 11:04 (-20)	5.13		3.7 - 11
		Day 29	2020-07-29 10:55 (31)	6.48		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031098	Leukocytes (10^9/L)	Day 57	2020-08-24 11:03 (27)	5.41		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-09 11:04 (-20)	1.69		0.9 - 3.6
		Day 29	2020-07-29 10:55 (31)	1.95		0.9 - 3.6
		Day 57	2020-08-24 11:03 (27)	1.63		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-09 11:04 (-20)	32.9		12 - 46
		Day 29	2020-07-29 10:55 (31)	30.1		12 - 46
		Day 57	2020-08-24 11:03 (27)	30.1		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-09 11:04 (-20)	0.43		0 - 1.2
		Day 29	2020-07-29 10:55 (31)	0.50		0 - 1.2
		Day 57	2020-08-24 11:03 (27)	0.55		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-09 11:04 (-20)	8.4		0 - 11
		Day 29	2020-07-29 10:55 (31)	7.7		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031098	Monocytes/Leukocytes (%)	Day 57	2020-08-24 11:03 (27)	10.2		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-09 11:04 (-20)	2.92		1.7 - 7.9
		Day 29	2020-07-29 10:55 (31)	3.95		1.7 - 7.9
		Day 57	2020-08-24 11:03 (27)	3.16		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-09 11:04 (-20)	56.9		34 - 71
		Day 29	2020-07-29 10:55 (31)	60.9		34 - 71
		Day 57	2020-08-24 11:03 (27)	58.4		34 - 71
	Platelets (10^9/L)	Screening	2020-06-09 11:04 (-20)	286		163 - 375
		Day 29	2020-07-29 10:55 (31)	293		163 - 375
		Day 57	2020-08-24 11:03 (27)	271		163 - 375
US2031100	Basophils (10^9/L)	Screening	2020-06-09 16:05 (-22)	0.04		0 - 0.3
		Day 29	2020-08-03 15:55 (34)	0.04		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031100	Basophils (10^9/L)	Day 57	2020-09-02 16:38 (31)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-09 16:05 (-22)	0.9		0 - 3
		Day 29	2020-08-03 15:55 (34)	0.7		0 - 3
		Day 57	2020-09-02 16:38 (31)	1.0		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-09 16:05 (-22)	0.07		0 - 0.8
		Day 29	2020-08-03 15:55 (34)	0.06		0 - 0.8
		Day 57	2020-09-02 16:38 (31)	0.04		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-09 16:05 (-22)	1.6		0 - 7
		Day 29	2020-08-03 15:55 (34)	1.1		0 - 7
		Day 57	2020-09-02 16:38 (31)	1.0		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-09 16:05 (-22)	4.43		3.7 - 5.2
		Day 29	2020-08-03 15:55 (34)	4.17		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031100	Erythrocytes (10^12/L)	Day 57	2020-09-02 16:38 (31)	4.07		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-09 16:05 (-22)	0.440		0.33 - 0.47
		Day 29	2020-08-03 15:55 (34)	0.413		0.33 - 0.47
		Day 57	2020-09-02 16:38 (31)	0.406		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-09 16:05 (-22)	137		110 - 155
		Day 29	2020-08-03 15:55 (34)	130	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-09-02 16:38 (31)	126	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-09 16:05 (-22)	<0.03		0 - 0.07
		Day 29	2020-08-03 15:55 (34)	<0.03		0 - 0.07
		Day 57	2020-09-02 16:38 (31)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-09 16:05 (-22)	0.0		0 - 1
		Day 29	2020-08-03 15:55 (34)	0.2		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031100	Immature Granulocytes/Leukocytes (%)	Day 57	2020-09-02 16:38 (31)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-09 16:05 (-22)	4.38		3.7 - 11
		Day 29	2020-08-03 15:55 (34)	5.44		3.7 - 11
		Day 57	2020-09-02 16:38 (31)	3.82		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-09 16:05 (-22)	1.88		0.9 - 3.6
		Day 29	2020-08-03 15:55 (34)	2.20		0.9 - 3.6
		Day 57	2020-09-02 16:38 (31)	1.77		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-09 16:05 (-22)	42.9		12 - 46
		Day 29	2020-08-03 15:55 (34)	40.4		12 - 46
		Day 57	2020-09-02 16:38 (31)	46.3 (H)		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-09 16:05 (-22)	0.45		0 - 1.2
		Day 29	2020-08-03 15:55 (34)	0.56		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031100	Monocytes (10^9/L)	Day 57	2020-09-02 16:38 (31)	0.44		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-09 16:05 (-22)	10.3		0 - 11
		Day 29	2020-08-03 15:55 (34)	10.3		0 - 11
		Day 57	2020-09-02 16:38 (31)	11.5 (H)		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-09 16:05 (-22)	1.94	G1 Neutrophils Decreased	1.7 - 7.9
		Day 29	2020-08-03 15:55 (34)	2.57		1.7 - 7.9
		Day 57	2020-09-02 16:38 (31)	1.52 (L)	G1 Neutrophils Decreased	1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-09 16:05 (-22)	44.3		34 - 71
		Day 29	2020-08-03 15:55 (34)	47.3		34 - 71
		Day 57	2020-09-02 16:38 (31)	39.9		34 - 71
	Platelets (10^9/L)	Screening	2020-06-09 16:05 (-22)	298		163 - 375
		Day 29	2020-08-03 15:55 (34)	294		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031100	Platelets (10^9/L)	Day 57	2020-09-02 16:38 (31)	290		163 - 375
US2031102	Basophils (10^9/L)	Screening	2020-06-09 16:34 (-23)	<0.03		0 - 0.3
		Day 29	2020-08-03 16:47 (33)	0.03		0 - 0.3
		Day 57	2020-08-28 10:50 (26)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-09 16:34 (-23)	0.4		0 - 3
		Day 29	2020-08-03 16:47 (33)	0.5		0 - 3
		Day 57	2020-08-28 10:50 (26)	0.6		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-09 16:34 (-23)	0.18		0 - 0.8
		Day 29	2020-08-03 16:47 (33)	0.16		0 - 0.8
		Day 57	2020-08-28 10:50 (26)	0.09		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-09 16:34 (-23)	3.3		0 - 7
		Day 29	2020-08-03 16:47 (33)	2.8		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031102	Eosinophils/Leukocytes (%)	Day 57	2020-08-28 10:50 (26)	2.8		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-09 16:34 (-23)	3.83		3.7 - 5.2
		Day 29	2020-08-03 16:47 (33)	4.06		3.7 - 5.2
		Day 57	2020-08-28 10:50 (26)	3.86		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-09 16:34 (-23)	0.395		0.33 - 0.47
		Day 29	2020-08-03 16:47 (33)	0.412		0.33 - 0.47
		Day 57	2020-08-28 10:50 (26)	0.399		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-09 16:34 (-23)	124		110 - 155
		Day 29	2020-08-03 16:47 (33)	131		110 - 155
		Day 57	2020-08-28 10:50 (26)	125		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-09 16:34 (-23)	<0.03		0 - 0.07
		Day 29	2020-08-03 16:47 (33)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031102	Immature Granulocytes (10^9/L)	Day 57	2020-08-28 10:50 (26)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-09 16:34 (-23)	0.0		0 - 1
		Day 29	2020-08-03 16:47 (33)	0.2		0 - 1
		Day 57	2020-08-28 10:50 (26)	0.0		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-09 16:34 (-23)	5.39		3.7 - 11
		Day 29	2020-08-03 16:47 (33)	5.64		3.7 - 11
		Day 57	2020-08-28 10:50 (26)	3.25 (L)	G1 WBC Decreased	3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-09 16:34 (-23)	1.99		0.9 - 3.6
		Day 29	2020-08-03 16:47 (33)	1.95		0.9 - 3.6
		Day 57	2020-08-28 10:50 (26)	0.99	G1 Lymphocytes Decreased	0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-09 16:34 (-23)	36.9		12 - 46
		Day 29	2020-08-03 16:47 (33)	34.6		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031102	Lymphocytes/Leukocytes (%)	Day 57	2020-08-28 10:50 (26)	30.5		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-09 16:34 (-23)	0.42		0 - 1.2
		Day 29	2020-08-03 16:47 (33)	0.41		0 - 1.2
		Day 57	2020-08-28 10:50 (26)	0.26		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-09 16:34 (-23)	7.8		0 - 11
		Day 29	2020-08-03 16:47 (33)	7.3		0 - 11
		Day 57	2020-08-28 10:50 (26)	8.0		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-09 16:34 (-23)	2.78		1.7 - 7.9
		Day 29	2020-08-03 16:47 (33)	3.08		1.7 - 7.9
		Day 57	2020-08-28 10:50 (26)	1.89	G1 Neutrophils Decreased	1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-09 16:34 (-23)	51.6		34 - 71
		Day 29	2020-08-03 16:47 (33)	54.6		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031102	Neutrophils/Leukocytes (%)	Day 57	2020-08-28 10:50 (26)	58.1		34 - 71
	Platelets (10^9/L)	Screening	2020-06-09 16:34 (-23)	278		163 - 375
		Day 29	2020-08-03 16:47 (33)	281		163 - 375
		Day 57	2020-08-28 10:50 (26)	241		163 - 375
US2031103	Basophils (10^9/L)	Screening	2020-06-09 17:17 (-20)	0.07		0 - 0.3
		Day 29	2020-07-30 16:44 (32)	0.07		0 - 0.3
		Day 57	2020-08-27 16:29 (29)	0.06		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-09 17:17 (-20)	1.0		0 - 3
		Day 29	2020-07-30 16:44 (32)	1.1		0 - 3
		Day 57	2020-08-27 16:29 (29)	1.0		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-09 17:17 (-20)	0.33		0 - 0.8
		Day 29	2020-07-30 16:44 (32)	0.33		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031103	Eosinophils (10^9/L)	Day 57	2020-08-27 16:29 (29)	0.33		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-09 17:17 (-20)	4.8		0 - 7
		Day 29	2020-07-30 16:44 (32)	5.1		0 - 7
		Day 57	2020-08-27 16:29 (29)	5.3		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-09 17:17 (-20)	5.23		4.63 - 6.08
		Day 29	2020-07-30 16:44 (32)	4.97		4.63 - 6.08
		Day 57	2020-08-27 16:29 (29)	4.83		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-09 17:17 (-20)	0.498		0.37 - 0.51
		Day 29	2020-07-30 16:44 (32)	0.496		0.37 - 0.51
		Day 57	2020-08-27 16:29 (29)	0.468		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-09 17:17 (-20)	159		125 - 170
		Day 29	2020-07-30 16:44 (32)	152	G1 Hemoglobin Decreased	125 - 170

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031103	Hemoglobin (g/L)	Day 57	2020-08-27 16:29 (29)	146	G1 Hemoglobin Decreased	125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-09 17:17 (-20)	0.08 (H)		0 - 0.07
		Day 29	2020-07-30 16:44 (32)	0.08 (H)		0 - 0.07
		Day 57	2020-08-27 16:29 (29)	0.06		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-09 17:17 (-20)	1.2 (H)		0 - 1
		Day 29	2020-07-30 16:44 (32)	1.2 (H)		0 - 1
		Day 57	2020-08-27 16:29 (29)	1.0		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-09 17:17 (-20)	6.87		3.7 - 11
		Day 29	2020-07-30 16:44 (32)	6.49		3.7 - 11
		Day 57	2020-08-27 16:29 (29)	6.26		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-09 17:17 (-20)	1.81		0.9 - 3.6
		Day 29	2020-07-30 16:44 (32)	1.63		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031103	Lymphocytes (10^9/L)	Day 57	2020-08-27 16:29 (29)	1.66		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-09 17:17 (-20)	26.3		12 - 46
		Day 29	2020-07-30 16:44 (32)	25.1		12 - 46
		Day 57	2020-08-27 16:29 (29)	26.5		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-09 17:17 (-20)	0.56		0 - 1.2
		Day 29	2020-07-30 16:44 (32)	0.65		0 - 1.2
		Day 57	2020-08-27 16:29 (29)	0.70		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-09 17:17 (-20)	8.2		0 - 11
		Day 29	2020-07-30 16:44 (32)	10.0		0 - 11
		Day 57	2020-08-27 16:29 (29)	11.2 (H)		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-09 17:17 (-20)	4.02		1.7 - 7.9
		Day 29	2020-07-30 16:44 (32)	3.73		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031103	Neutrophils (10^9/L)	Day 57	2020-08-27 16:29 (29)	3.45		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-09 17:17 (-20)	58.5		34 - 71
		Day 29	2020-07-30 16:44 (32)	57.5		34 - 71
		Day 57	2020-08-27 16:29 (29)	55.0		34 - 71
	Platelets (10^9/L)	Screening	2020-06-09 17:17 (-20)	281		163 - 375
		Day 29	2020-07-30 16:44 (32)	259		163 - 375
		Day 57	2020-08-27 16:29 (29)	246		163 - 375
US2031110	Basophils (10^9/L)	Screening	2020-06-10 15:10 (-16)	0.05		0 - 0.3
		Day 29	2020-07-28 11:23 (33)	0.05		0 - 0.3
		Day 57	2020-08-26 10:25 (30)	0.06		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-10 15:10 (-16)	0.9		0 - 3
		Day 29	2020-07-28 11:23 (33)	0.8		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031110	Basophils/Leukocytes (%)	Day 57	2020-08-26 10:25 (30)	0.9		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-10 15:10 (-16)	0.15		0 - 0.8
		Day 29	2020-07-28 11:23 (33)	0.13		0 - 0.8
		Day 57	2020-08-26 10:25 (30)	0.11		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-10 15:10 (-16)	2.6		0 - 7
		Day 29	2020-07-28 11:23 (33)	2.0		0 - 7
		Day 57	2020-08-26 10:25 (30)	1.7		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-10 15:10 (-16)	4.34		3.7 - 5.2
		Day 29	2020-07-28 11:23 (33)	4.64		3.7 - 5.2
		Day 57	2020-08-26 10:25 (30)	4.40		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-10 15:10 (-16)	0.415		0.33 - 0.47
		Day 29	2020-07-28 11:23 (33)	0.438		0.33 - 0.47

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031110	Hematocrit (L/L)	Day 57	2020-08-26 10:25 (30)	0.436		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-10 15:10 (-16)	125		110 - 155
		Day 29	2020-07-28 11:23 (33)	132		110 - 155
		Day 57	2020-08-26 10:25 (30)	126		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-10 15:10 (-16)	<0.03		0 - 0.07
		Day 29	2020-07-28 11:23 (33)	0.03		0 - 0.07
		Day 57	2020-08-26 10:25 (30)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-10 15:10 (-16)	0.2		0 - 1
		Day 29	2020-07-28 11:23 (33)	0.5		0 - 1
		Day 57	2020-08-26 10:25 (30)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-10 15:10 (-16)	5.88		3.7 - 11
		Day 29	2020-07-28 11:23 (33)	6.63		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031110	Leukocytes (10^9/L)	Day 57	2020-08-26 10:25 (30)	6.47		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-10 15:10 (-16)	1.38		0.9 - 3.6
		Day 29	2020-07-28 11:23 (33)	1.51		0.9 - 3.6
		Day 57	2020-08-26 10:25 (30)	1.47		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-10 15:10 (-16)	23.5		12 - 46
		Day 29	2020-07-28 11:23 (33)	22.8		12 - 46
		Day 57	2020-08-26 10:25 (30)	22.7		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-10 15:10 (-16)	0.52		0 - 1.2
		Day 29	2020-07-28 11:23 (33)	0.60		0 - 1.2
		Day 57	2020-08-26 10:25 (30)	0.66		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-10 15:10 (-16)	8.8		0 - 11
		Day 29	2020-07-28 11:23 (33)	9.0		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031110	Monocytes/Leukocytes (%)	Day 57	2020-08-26 10:25 (30)	10.2		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-10 15:10 (-16)	3.77		1.7 - 7.9
		Day 29	2020-07-28 11:23 (33)	4.31		1.7 - 7.9
		Day 57	2020-08-26 10:25 (30)	4.16		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-10 15:10 (-16)	64.0		34 - 71
		Day 29	2020-07-28 11:23 (33)	64.9		34 - 71
		Day 57	2020-08-26 10:25 (30)	64.3		34 - 71
	Platelets (10^9/L)	Screening	2020-06-10 15:10 (-16)	311		163 - 375
		Day 29	2020-07-28 11:23 (33)	326		163 - 375
		Day 57	2020-08-26 10:25 (30)	176		163 - 375
US2031116	Basophils (10^9/L)	Screening	2020-06-11 13:36 (-18)	0.04		0 - 0.3
		Day 29	2020-07-30 10:48 (32)	0.04		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031116	Basophils (10^9/L)	Day 57	2020-08-28 14:45 (30)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-11 13:36 (-18)	0.8		0 - 3
		Day 29	2020-07-30 10:48 (32)	0.7		0 - 3
		Day 57	2020-08-28 14:45 (30)	0.7		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-11 13:36 (-18)	0.10		0 - 0.8
		Day 29	2020-07-30 10:48 (32)	0.08		0 - 0.8
		Day 57	2020-08-28 14:45 (30)	0.12		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-11 13:36 (-18)	2.1		0 - 7
		Day 29	2020-07-30 10:48 (32)	1.4		0 - 7
		Day 57	2020-08-28 14:45 (30)	2.0		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-11 13:36 (-18)	4.79		3.7 - 5.2
		Day 29	2020-07-30 10:48 (32)	4.90		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031116	Erythrocytes (10^12/L)	Day 57	2020-08-28 14:45 (30)	4.38		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-11 13:36 (-18)	0.451		0.33 - 0.47
		Day 29	2020-07-30 10:48 (32)	0.455		0.33 - 0.47
		Day 57	2020-08-28 14:45 (30)	0.418		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-11 13:36 (-18)	134		110 - 155
		Day 29	2020-07-30 10:48 (32)	136		110 - 155
		Day 57	2020-08-28 14:45 (30)	125	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-11 13:36 (-18)	<0.03		0 - 0.07
		Day 29	2020-07-30 10:48 (32)	0.03		0 - 0.07
		Day 57	2020-08-28 14:45 (30)	0.04		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-11 13:36 (-18)	0.4		0 - 1
		Day 29	2020-07-30 10:48 (32)	0.5		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031116	Immature Granulocytes/Leukocytes (%)	Day 57	2020-08-28 14:45 (30)	0.7		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-11 13:36 (-18)	4.71		3.7 - 11
		Day 29	2020-07-30 10:48 (32)	5.84		3.7 - 11
		Day 57	2020-08-28 14:45 (30)	5.97		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-11 13:36 (-18)	1.50		0.9 - 3.6
		Day 29	2020-07-30 10:48 (32)	1.95		0.9 - 3.6
		Day 57	2020-08-28 14:45 (30)	1.60		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-11 13:36 (-18)	31.8		12 - 46
		Day 29	2020-07-30 10:48 (32)	33.4		12 - 46
		Day 57	2020-08-28 14:45 (30)	26.8		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-11 13:36 (-18)	0.39		0 - 1.2
		Day 29	2020-07-30 10:48 (32)	0.43		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031116	Monocytes (10^9/L)	Day 57	2020-08-28 14:45 (30)	0.47		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-11 13:36 (-18)	8.3		0 - 11
		Day 29	2020-07-30 10:48 (32)	7.4		0 - 11
		Day 57	2020-08-28 14:45 (30)	7.9		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-11 13:36 (-18)	2.66		1.7 - 7.9
		Day 29	2020-07-30 10:48 (32)	3.31		1.7 - 7.9
		Day 57	2020-08-28 14:45 (30)	3.70		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-11 13:36 (-18)	56.6		34 - 71
		Day 29	2020-07-30 10:48 (32)	56.6		34 - 71
		Day 57	2020-08-28 14:45 (30)	61.9		34 - 71
	Platelets (10^9/L)	Screening	2020-06-11 13:36 (-18)	170		163 - 375
		Day 29	2020-07-30 10:48 (32)	173		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031116	Platelets (10^9/L)	Day 57	2020-08-28 14:45 (30)	165		163 - 375
US2031124	Basophils (10^9/L)	Screening	2020-06-17 13:42 (-12)	0.03		0 - 0.3
		Day 29	2020-07-29 17:25 (31)	0.04		0 - 0.3
		Day 57	2020-08-24 15:54 (27)	0.05		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-17 13:42 (-12)	0.4		0 - 3
		Day 29	2020-07-29 17:25 (31)	0.6		0 - 3
		Day 57	2020-08-24 15:54 (27)	0.7		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-17 13:42 (-12)	0.14		0 - 0.8
		Day 29	2020-07-29 17:25 (31)	0.14		0 - 0.8
		Day 57	2020-08-24 15:54 (27)	0.18		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-17 13:42 (-12)	1.8		0 - 7
		Day 29	2020-07-29 17:25 (31)	2.0		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031124	Eosinophils/Leukocytes (%)	Day 57	2020-08-24 15:54 (27)	2.5		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-17 13:42 (-12)	4.57 (L)		4.63 - 6.08
		Day 29	2020-07-29 17:25 (31)	4.63		4.63 - 6.08
		Day 57	2020-08-24 15:54 (27)	4.34 (L)		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-17 13:42 (-12)	0.484		0.37 - 0.51
		Day 29	2020-07-29 17:25 (31)	0.475		0.37 - 0.51
		Day 57	2020-08-24 15:54 (27)	0.450		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-17 13:42 (-12)	150		125 - 170
		Day 29	2020-07-29 17:25 (31)	150		125 - 170
		Day 57	2020-08-24 15:54 (27)	142	G1 Hemoglobin Decreased	125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-17 13:42 (-12)	<0.03		0 - 0.07
		Day 29	2020-07-29 17:25 (31)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031124	Immature Granulocytes (10^9/L)	Day 57	2020-08-24 15:54 (27)	0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-17 13:42 (-12)	0.1		0 - 1
		Day 29	2020-07-29 17:25 (31)	0.1		0 - 1
		Day 57	2020-08-24 15:54 (27)	0.4		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-17 13:42 (-12)	7.61		3.7 - 11
		Day 29	2020-07-29 17:25 (31)	7.12		3.7 - 11
		Day 57	2020-08-24 15:54 (27)	7.11		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-17 13:42 (-12)	2.11		0.9 - 3.6
		Day 29	2020-07-29 17:25 (31)	2.82		0.9 - 3.6
		Day 57	2020-08-24 15:54 (27)	2.43		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-17 13:42 (-12)	27.7		12 - 46
		Day 29	2020-07-29 17:25 (31)	39.6		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031124	Lymphocytes/Leukocytes (%)	Day 57	2020-08-24 15:54 (27)	34.2		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-17 13:42 (-12)	0.59		0 - 1.2
		Day 29	2020-07-29 17:25 (31)	0.65		0 - 1.2
		Day 57	2020-08-24 15:54 (27)	0.61		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-17 13:42 (-12)	7.8		0 - 11
		Day 29	2020-07-29 17:25 (31)	9.1		0 - 11
		Day 57	2020-08-24 15:54 (27)	8.6		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-17 13:42 (-12)	4.73		1.7 - 7.9
		Day 29	2020-07-29 17:25 (31)	3.46		1.7 - 7.9
		Day 57	2020-08-24 15:54 (27)	3.81		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-17 13:42 (-12)	62.2		34 - 71
		Day 29	2020-07-29 17:25 (31)	48.6		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031124	Neutrophils/Leukocytes (%)	Day 57	2020-08-24 15:54 (27)	53.6		34 - 71
	Platelets (10^9/L)	Screening	2020-06-17 13:42 (-12)	236		163 - 375
		Day 29	2020-07-29 17:25 (31)	248		163 - 375
		Day 57	2020-08-24 15:54 (27)	222		163 - 375
US2031125	Basophils (10^9/L)	Screening	2020-06-22 14:27 (-4)	0.06		0 - 0.3
		Day 29	2020-07-28 10:17 (33)	0.07		0 - 0.3
		Day 57	2020-08-24 08:54 (28)	0.07		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-22 14:27 (-4)	0.9		0 - 3
		Day 29	2020-07-28 10:17 (33)	0.9		0 - 3
		Day 57	2020-08-24 08:54 (28)	1.0		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-22 14:27 (-4)	0.19		0 - 0.8
		Day 29	2020-07-28 10:17 (33)	0.24		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031125	Eosinophils (10^9/L)	Day 57	2020-08-24 08:54 (28)	0.29		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-22 14:27 (-4)	2.7		0 - 7
		Day 29	2020-07-28 10:17 (33)	3.0		0 - 7
		Day 57	2020-08-24 08:54 (28)	4.2		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-22 14:27 (-4)	4.95		3.7 - 5.2
		Day 29	2020-07-28 10:17 (33)	5.20		3.7 - 5.2
		Day 57	2020-08-24 08:54 (28)	4.96		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-22 14:27 (-4)	0.479 (H)		0.33 - 0.47
		Day 29	2020-07-28 10:17 (33)	0.523 (H)		0.33 - 0.47
		Day 57	2020-08-24 08:54 (28)	0.498 (H)		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-22 14:27 (-4)	150		110 - 155
		Day 29	2020-07-28 10:17 (33)	157 (H)		110 - 155

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031125	Hemoglobin (g/L)	Day 57	2020-08-24 08:54 (28)	150		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-22 14:27 (-4)	<0.03		0 - 0.07
		Day 29	2020-07-28 10:17 (33)	<0.03		0 - 0.07
		Day 57	2020-08-24 08:54 (28)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-22 14:27 (-4)	0.1		0 - 1
		Day 29	2020-07-28 10:17 (33)	0.3		0 - 1
		Day 57	2020-08-24 08:54 (28)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-22 14:27 (-4)	6.98		3.7 - 11
		Day 29	2020-07-28 10:17 (33)	7.95		3.7 - 11
		Day 57	2020-08-24 08:54 (28)	6.89		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-22 14:27 (-4)	2.30		0.9 - 3.6
		Day 29	2020-07-28 10:17 (33)	2.87		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031125	Lymphocytes (10^9/L)	Day 57	2020-08-24 08:54 (28)	2.57		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-22 14:27 (-4)	33.0		12 - 46
		Day 29	2020-07-28 10:17 (33)	36.1		12 - 46
		Day 57	2020-08-24 08:54 (28)	37.3		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-22 14:27 (-4)	0.46		0 - 1.2
		Day 29	2020-07-28 10:17 (33)	0.51		0 - 1.2
		Day 57	2020-08-24 08:54 (28)	0.52		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-22 14:27 (-4)	6.6		0 - 11
		Day 29	2020-07-28 10:17 (33)	6.4		0 - 11
		Day 57	2020-08-24 08:54 (28)	7.5		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-22 14:27 (-4)	3.96		1.7 - 7.9
		Day 29	2020-07-28 10:17 (33)	4.24		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031125	Neutrophils (10^9/L)	Day 57	2020-08-24 08:54 (28)	3.42		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-22 14:27 (-4)	56.7		34 - 71
		Day 29	2020-07-28 10:17 (33)	53.3		34 - 71
		Day 57	2020-08-24 08:54 (28)	49.7		34 - 71
	Platelets (10^9/L)	Screening	2020-06-22 14:27 (-4)	279		163 - 375
		Day 29	2020-07-28 10:17 (33)	318		163 - 375
		Day 57	2020-08-24 08:54 (28)	279		163 - 375
US2031129	Basophils (10^9/L)	Screening	2020-06-25 12:26 (-6)	0.03		0 - 0.3
		Day 29	2020-07-30 14:45 (30)	0.04		0 - 0.3
		Day 57	2020-08-28 09:36 (30)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-25 12:26 (-6)	0.5		0 - 3
		Day 29	2020-07-30 14:45 (30)	0.6		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031129	Basophils/Leukocytes (%)	Day 57	2020-08-28 09:36 (30)	0.7		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-25 12:26 (-6)	0.07		0 - 0.8
		Day 29	2020-07-30 14:45 (30)	0.11		0 - 0.8
		Day 57	2020-08-28 09:36 (30)	0.13		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-25 12:26 (-6)	1.1		0 - 7
		Day 29	2020-07-30 14:45 (30)	1.6		0 - 7
		Day 57	2020-08-28 09:36 (30)	2.1		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-25 12:26 (-6)	5.17		4.63 - 6.08
		Day 29	2020-07-30 14:45 (30)	5.34		4.63 - 6.08
		Day 57	2020-08-28 09:36 (30)	5.07		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-25 12:26 (-6)	0.535 (H)		0.37 - 0.51
		Day 29	2020-07-30 14:45 (30)	0.536 (H)		0.37 - 0.51

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031129	Hematocrit (L/L)	Day 57	2020-08-28 09:36 (30)	0.511 (H)		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-25 12:26 (-6)	167		125 - 170
		Day 29	2020-07-30 14:45 (30)	173 (H)		125 - 170
		Day 57	2020-08-28 09:36 (30)	165	G1 Hemoglobin Decreased	125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-25 12:26 (-6)	<0.03		0 - 0.07
		Day 29	2020-07-30 14:45 (30)	0.04		0 - 0.07
		Day 57	2020-08-28 09:36 (30)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-25 12:26 (-6)	0.3		0 - 1
		Day 29	2020-07-30 14:45 (30)	0.6		0 - 1
		Day 57	2020-08-28 09:36 (30)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-25 12:26 (-6)	6.65		3.7 - 11
		Day 29	2020-07-30 14:45 (30)	6.74		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031129	Leukocytes (10^9/L)	Day 57	2020-08-28 09:36 (30)	6.13		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-25 12:26 (-6)	1.60		0.9 - 3.6
		Day 29	2020-07-30 14:45 (30)	2.15		0.9 - 3.6
		Day 57	2020-08-28 09:36 (30)	1.75		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-25 12:26 (-6)	24.1		12 - 46
		Day 29	2020-07-30 14:45 (30)	31.9		12 - 46
		Day 57	2020-08-28 09:36 (30)	28.5		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-25 12:26 (-6)	0.63		0 - 1.2
		Day 29	2020-07-30 14:45 (30)	0.93		0 - 1.2
		Day 57	2020-08-28 09:36 (30)	0.67		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-25 12:26 (-6)	9.5		0 - 11
		Day 29	2020-07-30 14:45 (30)	13.8 (H)		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031129	Monocytes/Leukocytes (%)	Day 57	2020-08-28 09:36 (30)	10.9		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-25 12:26 (-6)	4.30		1.7 - 7.9
		Day 29	2020-07-30 14:45 (30)	3.47		1.7 - 7.9
		Day 57	2020-08-28 09:36 (30)	3.52		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-25 12:26 (-6)	64.5		34 - 71
		Day 29	2020-07-30 14:45 (30)	51.5		34 - 71
		Day 57	2020-08-28 09:36 (30)	57.5		34 - 71
	Platelets (10^9/L)	Screening	2020-06-25 12:26 (-6)	168		163 - 375
		Day 29	2020-07-30 14:45 (30)	181		163 - 375
		Day 57	2020-08-28 09:36 (30)	166		163 - 375
US2031131	Basophils (10^9/L)	Screening	2020-06-29 11:50 (-3)	0.07		0 - 0.3
		Day 29	2020-07-31 10:46 (30)	0.08		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031131	Basophils (10^9/L)	Day 57	2020-08-27 11:33 (28)	0.07		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-29 11:50 (-3)	1.3		0 - 3
		Day 29	2020-07-31 10:46 (30)	1.3		0 - 3
		Day 57	2020-08-27 11:33 (28)	1.4		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-29 11:50 (-3)	0.23		0 - 0.8
		Day 29	2020-07-31 10:46 (30)	0.24		0 - 0.8
		Day 57	2020-08-27 11:33 (28)	0.25		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-29 11:50 (-3)	4.3		0 - 7
		Day 29	2020-07-31 10:46 (30)	3.9		0 - 7
		Day 57	2020-08-27 11:33 (28)	5.0		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-29 11:50 (-3)	4.16		3.7 - 5.2
		Day 29	2020-07-31 10:46 (30)	4.17		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031131	Erythrocytes (10^12/L)	Day 57	2020-08-27 11:33 (28)	4.13		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-29 11:50 (-3)	0.426		0.33 - 0.47
		Day 29	2020-07-31 10:46 (30)	0.427		0.33 - 0.47
		Day 57	2020-08-27 11:33 (28)	0.424		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-29 11:50 (-3)	126		110 - 155
		Day 29	2020-07-31 10:46 (30)	127		110 - 155
		Day 57	2020-08-27 11:33 (28)	124	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-29 11:50 (-3)	<0.03		0 - 0.07
		Day 29	2020-07-31 10:46 (30)	<0.03		0 - 0.07
		Day 57	2020-08-27 11:33 (28)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-29 11:50 (-3)	0.2		0 - 1
		Day 29	2020-07-31 10:46 (30)	0.3		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031131	Immature Granulocytes/Leukocytes (%)	Day 57	2020-08-27 11:33 (28)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-29 11:50 (-3)	5.40		3.7 - 11
		Day 29	2020-07-31 10:46 (30)	6.17		3.7 - 11
		Day 57	2020-08-27 11:33 (28)	4.98		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-29 11:50 (-3)	1.50		0.9 - 3.6
		Day 29	2020-07-31 10:46 (30)	1.53		0.9 - 3.6
		Day 57	2020-08-27 11:33 (28)	1.39		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-29 11:50 (-3)	27.8		12 - 46
		Day 29	2020-07-31 10:46 (30)	24.8		12 - 46
		Day 57	2020-08-27 11:33 (28)	27.9		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-29 11:50 (-3)	0.55		0 - 1.2
		Day 29	2020-07-31 10:46 (30)	0.51		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031131	Monocytes (10^9/L)	Day 57	2020-08-27 11:33 (28)	0.45		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-29 11:50 (-3)	10.2		0 - 11
		Day 29	2020-07-31 10:46 (30)	8.3		0 - 11
		Day 57	2020-08-27 11:33 (28)	9.0		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-29 11:50 (-3)	3.04		1.7 - 7.9
		Day 29	2020-07-31 10:46 (30)	3.79		1.7 - 7.9
		Day 57	2020-08-27 11:33 (28)	2.81		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-29 11:50 (-3)	56.2		34 - 71
		Day 29	2020-07-31 10:46 (30)	61.4		34 - 71
		Day 57	2020-08-27 11:33 (28)	56.5		34 - 71
	Platelets (10^9/L)	Screening	2020-06-29 11:50 (-3)	286		163 - 375
		Day 29	2020-07-31 10:46 (30)	324		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031131	Platelets (10^9/L)	Day 57	2020-08-27 11:33 (28)	279		163 - 375
US2041102	Basophils (10^9/L)	Screening	2020-06-10 10:16 (-16)	<0.03		0 - 0.3
		Day 29	2020-07-24 12:47 (29)	0.03		0 - 0.3
		Day 57	2020-08-18 10:33 (26)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-10 10:16 (-16)	0.5		0 - 3
		Day 29	2020-07-24 12:47 (29)	0.7		0 - 3
		Day 57	2020-08-18 10:33 (26)	0.7		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-10 10:16 (-16)	0.04		0 - 0.8
		Day 29	2020-07-24 12:47 (29)	0.04		0 - 0.8
		Day 57	2020-08-18 10:33 (26)	0.06		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-10 10:16 (-16)	0.9		0 - 7
		Day 29	2020-07-24 12:47 (29)	1.0		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041102	Eosinophils/Leukocytes (%)	Day 57	2020-08-18 10:33 (26)	1.3		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-10 10:16 (-16)	4.79		4.63 - 6.08
		Day 29	2020-07-24 12:47 (29)	4.77		4.63 - 6.08
		Day 57	2020-08-18 10:33 (26)	4.75		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-10 10:16 (-16)	0.443		0.37 - 0.51
		Day 29	2020-07-24 12:47 (29)	0.446		0.37 - 0.51
		Day 57	2020-08-18 10:33 (26)	0.456		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-10 10:16 (-16)	138		125 - 170
		Day 29	2020-07-24 12:47 (29)	138		125 - 170
		Day 57	2020-08-18 10:33 (26)	139		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-10 10:16 (-16)	<0.03		0 - 0.07
		Day 29	2020-07-24 12:47 (29)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041102	Immature Granulocytes (10^9/L)	Day 57	2020-08-18 10:33 (26)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-10 10:16 (-16)	0.2		0 - 1
		Day 29	2020-07-24 12:47 (29)	0.2		0 - 1
		Day 57	2020-08-18 10:33 (26)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-10 10:16 (-16)	4.25		3.7 - 11
		Day 29	2020-07-24 12:47 (29)	4.21		3.7 - 11
		Day 57	2020-08-18 10:33 (26)	4.48		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-10 10:16 (-16)	0.91	G1 Lymphocytes Decreased	0.9 - 3.6
		Day 29	2020-07-24 12:47 (29)	1.09		0.9 - 3.6
		Day 57	2020-08-18 10:33 (26)	0.92	G1 Lymphocytes Decreased	0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-10 10:16 (-16)	21.4		12 - 46
		Day 29	2020-07-24 12:47 (29)	25.9		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041102	Lymphocytes/Leukocytes (%)	Day 57	2020-08-18 10:33 (26)	20.5		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-10 10:16 (-16)	0.44		0 - 1.2
		Day 29	2020-07-24 12:47 (29)	0.35		0 - 1.2
		Day 57	2020-08-18 10:33 (26)	0.34		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-10 10:16 (-16)	10.4		0 - 11
		Day 29	2020-07-24 12:47 (29)	8.3		0 - 11
		Day 57	2020-08-18 10:33 (26)	7.6		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-10 10:16 (-16)	2.83		1.7 - 7.9
		Day 29	2020-07-24 12:47 (29)	2.69		1.7 - 7.9
		Day 57	2020-08-18 10:33 (26)	3.12		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-10 10:16 (-16)	66.6		34 - 71
		Day 29	2020-07-24 12:47 (29)	63.9		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041102	Neutrophils/Leukocytes (%)	Day 57	2020-08-18 10:33 (26)	69.7		34 - 71
	Platelets (10^9/L)	Screening	2020-06-10 10:16 (-16)	201		163 - 375
		Day 29	2020-07-24 12:47 (29)	184		163 - 375
		Day 57	2020-08-18 10:33 (26)	187		163 - 375
US2041114	Basophils (10^9/L)	Screening	2020-06-11 12:21 (-15)	0.07		0 - 0.3
		Day 29	2020-08-03 11:28 (39)	0.05		0 - 0.3
		Day 57	2020-09-01 07:27 (30)	0.05		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-11 12:21 (-15)	1.1		0 - 3
		Day 29	2020-08-03 11:28 (39)	0.7		0 - 3
		Day 57	2020-09-01 07:27 (30)	0.9		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-11 12:21 (-15)	0.14		0 - 0.8
		Day 29	2020-08-03 11:28 (39)	0.12		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041114	Eosinophils (10^9/L)	Day 57	2020-09-01 07:27 (30)	0.26		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-11 12:21 (-15)	2.2		0 - 7
		Day 29	2020-08-03 11:28 (39)	1.7		0 - 7
		Day 57	2020-09-01 07:27 (30)	4.5		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-11 12:21 (-15)	4.59 (L)		4.63 - 6.08
		Day 29	2020-08-03 11:28 (39)	4.76		4.63 - 6.08
		Day 57	2020-09-01 07:27 (30)	4.75		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-11 12:21 (-15)	0.459		0.37 - 0.51
		Day 29	2020-08-03 11:28 (39)	0.471		0.37 - 0.51
		Day 57	2020-09-01 07:27 (30)	0.463		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-11 12:21 (-15)	144		125 - 170
		Day 29	2020-08-03 11:28 (39)	148		125 - 170

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041114	Hemoglobin (g/L)	Day 57	2020-09-01 07:27 (30)	148		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-11 12:21 (-15)	<0.03		0 - 0.07
		Day 29	2020-08-03 11:28 (39)	<0.03		0 - 0.07
		Day 57	2020-09-01 07:27 (30)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-11 12:21 (-15)	0.2		0 - 1
		Day 29	2020-08-03 11:28 (39)	0.1		0 - 1
		Day 57	2020-09-01 07:27 (30)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-11 12:21 (-15)	6.41		3.7 - 11
		Day 29	2020-08-03 11:28 (39)	7.21		3.7 - 11
		Day 57	2020-09-01 07:27 (30)	5.78		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-11 12:21 (-15)	1.89		0.9 - 3.6
		Day 29	2020-08-03 11:28 (39)	2.01		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041114	Lymphocytes (10^9/L)	Day 57	2020-09-01 07:27 (30)	1.90		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-11 12:21 (-15)	29.5		12 - 46
		Day 29	2020-08-03 11:28 (39)	27.9		12 - 46
		Day 57	2020-09-01 07:27 (30)	32.9		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-11 12:21 (-15)	0.65		0 - 1.2
		Day 29	2020-08-03 11:28 (39)	0.57		0 - 1.2
		Day 57	2020-09-01 07:27 (30)	0.55		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-11 12:21 (-15)	10.1		0 - 11
		Day 29	2020-08-03 11:28 (39)	7.9		0 - 11
		Day 57	2020-09-01 07:27 (30)	9.5		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-11 12:21 (-15)	3.65		1.7 - 7.9
		Day 29	2020-08-03 11:28 (39)	4.45		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041114	Neutrophils (10^9/L)	Day 57	2020-09-01 07:27 (30)	3.01		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-11 12:21 (-15)	56.9		34 - 71
		Day 29	2020-08-03 11:28 (39)	61.7		34 - 71
		Day 57	2020-09-01 07:27 (30)	52.0		34 - 71
	Platelets (10^9/L)	Screening	2020-06-11 12:21 (-15)	216		163 - 375
		Day 29	2020-08-03 11:28 (39)	262		163 - 375
		Day 57	2020-09-01 07:27 (30)	216		163 - 375
US2041115	Basophils (10^9/L)	Screening	2020-06-11 13:53 (-20)	0.04		0 - 0.3
		Day 29	2020-08-04 11:34 (35)	0.05		0 - 0.3
		Day 57	2020-08-31 12:59 (28)	0.05		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-11 13:53 (-20)	0.5		0 - 3
		Day 29	2020-08-04 11:34 (35)	0.9		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041115	Basophils/Leukocytes (%)	Day 57	2020-08-31 12:59 (28)	0.7		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-11 13:53 (-20)	0.06		0 - 0.8
		Day 29	2020-08-04 11:34 (35)	0.06		0 - 0.8
		Day 57	2020-08-31 12:59 (28)	0.07		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-11 13:53 (-20)	0.8		0 - 7
		Day 29	2020-08-04 11:34 (35)	1.0		0 - 7
		Day 57	2020-08-31 12:59 (28)	1.0		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-11 13:53 (-20)	4.79		3.7 - 5.2
		Day 29	2020-08-04 11:34 (35)	4.33		3.7 - 5.2
		Day 57	2020-08-31 12:59 (28)	4.28		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-11 13:53 (-20)	0.478 (H)		0.33 - 0.47
		Day 29	2020-08-04 11:34 (35)	0.433		0.33 - 0.47

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041115	Hematocrit (L/L)	Day 57	2020-08-31 12:59 (28)	0.433		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-11 13:53 (-20)	151		110 - 155
		Day 29	2020-08-04 11:34 (35)	139	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-31 12:59 (28)	137	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-11 13:53 (-20)	<0.03		0 - 0.07
		Day 29	2020-08-04 11:34 (35)	<0.03		0 - 0.07
		Day 57	2020-08-31 12:59 (28)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-11 13:53 (-20)	0.3		0 - 1
		Day 29	2020-08-04 11:34 (35)	0.2		0 - 1
		Day 57	2020-08-31 12:59 (28)	0.1		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-11 13:53 (-20)	7.69		3.7 - 11
		Day 29	2020-08-04 11:34 (35)	5.88		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041115	Leukocytes (10^9/L)	Day 57	2020-08-31 12:59 (28)	7.34		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-11 13:53 (-20)	1.52		0.9 - 3.6
		Day 29	2020-08-04 11:34 (35)	1.31		0.9 - 3.6
		Day 57	2020-08-31 12:59 (28)	1.39		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-11 13:53 (-20)	19.8		12 - 46
		Day 29	2020-08-04 11:34 (35)	22.3		12 - 46
		Day 57	2020-08-31 12:59 (28)	18.9		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-11 13:53 (-20)	0.39		0 - 1.2
		Day 29	2020-08-04 11:34 (35)	0.37		0 - 1.2
		Day 57	2020-08-31 12:59 (28)	0.44		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-11 13:53 (-20)	5.1		0 - 11
		Day 29	2020-08-04 11:34 (35)	6.3		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041115	Monocytes/Leukocytes (%)	Day 57	2020-08-31 12:59 (28)	6.0		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-11 13:53 (-20)	5.66		1.7 - 7.9
		Day 29	2020-08-04 11:34 (35)	4.08		1.7 - 7.9
		Day 57	2020-08-31 12:59 (28)	5.38		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-11 13:53 (-20)	73.5 (H)		34 - 71
		Day 29	2020-08-04 11:34 (35)	69.3		34 - 71
		Day 57	2020-08-31 12:59 (28)	73.3 (H)		34 - 71
	Platelets (10^9/L)	Screening	2020-06-11 13:53 (-20)	292		163 - 375
		Day 29	2020-08-04 11:34 (35)	260		163 - 375
		Day 57	2020-08-31 12:59 (28)	283		163 - 375
US2041121	Basophils (10^9/L)	Screening	2020-06-12 08:52 (-19)	0.03		0 - 0.3
		Day 29	2020-07-31 18:12 (1)	0.04		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041121	Basophils (10^9/L)	Day 57	2020-08-25 16:12 (26)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-12 08:52 (-19)	0.6		0 - 3
		Day 29	2020-07-31 18:12 (1)	0.8		0 - 3
		Day 57	2020-08-25 16:12 (26)	0.5		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-12 08:52 (-19)	0.12		0 - 0.8
		Day 29	2020-07-31 18:12 (1)	0.11		0 - 0.8
		Day 57	2020-08-25 16:12 (26)	0.12		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-12 08:52 (-19)	2.3		0 - 7
		Day 29	2020-07-31 18:12 (1)	2.1		0 - 7
		Day 57	2020-08-25 16:12 (26)	2.0		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-12 08:52 (-19)	4.90		3.7 - 5.2
		Day 29	2020-07-31 18:12 (1)	4.73		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041121	Erythrocytes (10^12/L)	Day 57	2020-08-25 16:12 (26)	4.44		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-12 08:52 (-19)	0.476 (H)		0.33 - 0.47
		Day 29	2020-07-31 18:12 (1)	0.455		0.33 - 0.47
		Day 57	2020-08-25 16:12 (26)	0.430		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-12 08:52 (-19)	144		110 - 155
		Day 29	2020-07-31 18:12 (1)	140	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-25 16:12 (26)	130	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-12 08:52 (-19)	<0.03		0 - 0.07
		Day 29	2020-07-31 18:12 (1)	<0.03		0 - 0.07
		Day 57	2020-08-25 16:12 (26)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-12 08:52 (-19)	0.2		0 - 1
		Day 29	2020-07-31 18:12 (1)	0.2		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041121	Immature Granulocytes/Leukocytes (%)	Day 57	2020-08-25 16:12 (26)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-12 08:52 (-19)	5.31		3.7 - 11
		Day 29	2020-07-31 18:12 (1)	5.23		3.7 - 11
		Day 57	2020-08-25 16:12 (26)	5.93		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-12 08:52 (-19)	1.47		0.9 - 3.6
		Day 29	2020-07-31 18:12 (1)	1.60		0.9 - 3.6
		Day 57	2020-08-25 16:12 (26)	2.13		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-12 08:52 (-19)	27.7		12 - 46
		Day 29	2020-07-31 18:12 (1)	30.6		12 - 46
		Day 57	2020-08-25 16:12 (26)	35.9		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-12 08:52 (-19)	0.40		0 - 1.2
		Day 29	2020-07-31 18:12 (1)	0.47		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041121	Monocytes (10^9/L)	Day 57	2020-08-25 16:12 (26)	0.48		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-12 08:52 (-19)	7.5		0 - 11
		Day 29	2020-07-31 18:12 (1)	9.0		0 - 11
		Day 57	2020-08-25 16:12 (26)	8.1		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-12 08:52 (-19)	3.28		1.7 - 7.9
		Day 29	2020-07-31 18:12 (1)	3.00		1.7 - 7.9
		Day 57	2020-08-25 16:12 (26)	3.16		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-12 08:52 (-19)	61.7		34 - 71
		Day 29	2020-07-31 18:12 (1)	57.3		34 - 71
		Day 57	2020-08-25 16:12 (26)	53.3		34 - 71
	Platelets (10^9/L)	Screening	2020-06-12 08:52 (-19)	228		163 - 375
		Day 29	2020-07-31 18:12 (1)	215		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041121	Platelets (10^9/L)	Day 57	2020-08-25 16:12 (26)	231		163 - 375
US2041132	Basophils (10^9/L)	Screening	2020-06-15 10:40 (-11)	0.04		0 - 0.3
		Day 29	2020-07-27 11:15 (32)	0.03		0 - 0.3
		Day 57	2020-08-25 17:16 (30)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-15 10:40 (-11)	0.8		0 - 3
		Day 29	2020-07-27 11:15 (32)	0.6		0 - 3
		Day 57	2020-08-25 17:16 (30)	0.5		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-15 10:40 (-11)	0.10		0 - 0.8
		Day 29	2020-07-27 11:15 (32)	0.07		0 - 0.8
		Day 57	2020-08-25 17:16 (30)	0.08		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-15 10:40 (-11)	2.1		0 - 7
		Day 29	2020-07-27 11:15 (32)	1.4		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041132	Eosinophils/Leukocytes (%)	Day 57	2020-08-25 17:16 (30)	1.3		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-15 10:40 (-11)	4.26		3.7 - 5.2
		Day 29	2020-07-27 11:15 (32)	4.10		3.7 - 5.2
		Day 57	2020-08-25 17:16 (30)	4.13		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-15 10:40 (-11)	0.441		0.33 - 0.47
		Day 29	2020-07-27 11:15 (32)	0.417		0.33 - 0.47
		Day 57	2020-08-25 17:16 (30)	0.435		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-15 10:40 (-11)	134		110 - 155
		Day 29	2020-07-27 11:15 (32)	130	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-25 17:16 (30)	131	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-15 10:40 (-11)	<0.03		0 - 0.07
		Day 29	2020-07-27 11:15 (32)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041132	Immature Granulocytes (10^9/L)	Day 57	2020-08-25 17:16 (30)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-15 10:40 (-11)	0.2		0 - 1
		Day 29	2020-07-27 11:15 (32)	0.2		0 - 1
		Day 57	2020-08-25 17:16 (30)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-15 10:40 (-11)	4.72		3.7 - 11
		Day 29	2020-07-27 11:15 (32)	4.92		3.7 - 11
		Day 57	2020-08-25 17:16 (30)	6.27		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-15 10:40 (-11)	1.38		0.9 - 3.6
		Day 29	2020-07-27 11:15 (32)	1.60		0.9 - 3.6
		Day 57	2020-08-25 17:16 (30)	2.08		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-15 10:40 (-11)	29.2		12 - 46
		Day 29	2020-07-27 11:15 (32)	32.5		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041132	Lymphocytes/Leukocytes (%)	Day 57	2020-08-25 17:16 (30)	33.2		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-15 10:40 (-11)	0.32		0 - 1.2
		Day 29	2020-07-27 11:15 (32)	0.26		0 - 1.2
		Day 57	2020-08-25 17:16 (30)	0.45		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-15 10:40 (-11)	6.8		0 - 11
		Day 29	2020-07-27 11:15 (32)	5.3		0 - 11
		Day 57	2020-08-25 17:16 (30)	7.2		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-15 10:40 (-11)	2.87		1.7 - 7.9
		Day 29	2020-07-27 11:15 (32)	2.95		1.7 - 7.9
		Day 57	2020-08-25 17:16 (30)	3.61		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-15 10:40 (-11)	60.9		34 - 71
		Day 29	2020-07-27 11:15 (32)	60.0		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041132	Neutrophils/Leukocytes (%)	Day 57	2020-08-25 17:16 (30)	57.5		34 - 71
	Platelets (10^9/L)	Screening	2020-06-15 10:40 (-11)	184		163 - 375
		Day 29	2020-07-27 11:15 (32)	192		163 - 375
		Day 57	2020-08-25 17:16 (30)	203		163 - 375
US2041142	Basophils (10^9/L)	Screening	2020-06-16 12:03 (-16)	0.04		0 - 0.3
		Day 29	2020-07-31 11:20 (30)	0.03		0 - 0.3
		Day 57	2020-08-28 10:13 (29)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-16 12:03 (-16)	0.8		0 - 3
		Day 29	2020-07-31 11:20 (30)	0.7		0 - 3
		Day 57	2020-08-28 10:13 (29)	0.4		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-16 12:03 (-16)	0.07		0 - 0.8
		Day 29	2020-07-31 11:20 (30)	0.12		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041142	Eosinophils (10^9/L)	Day 57	2020-08-28 10:13 (29)	0.10		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-16 12:03 (-16)	1.4		0 - 7
		Day 29	2020-07-31 11:20 (30)	2.6		0 - 7
		Day 57	2020-08-28 10:13 (29)	2.1		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-16 12:03 (-16)	5.25		4.63 - 6.08
		Day 29	2020-07-31 11:20 (30)	5.27		4.63 - 6.08
		Day 57	2020-08-28 10:13 (29)	5.22		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-16 12:03 (-16)	0.516 (H)		0.37 - 0.51
		Day 29	2020-07-31 11:20 (30)	0.511 (H)		0.37 - 0.51
		Day 57	2020-08-28 10:13 (29)	0.509		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-16 12:03 (-16)	159		125 - 170
		Day 29	2020-07-31 11:20 (30)	160		125 - 170

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041142	Hemoglobin (g/L)	Day 57	2020-08-28 10:13 (29)	160		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-16 12:03 (-16)	<0.03		0 - 0.07
		Day 29	2020-07-31 11:20 (30)	<0.03		0 - 0.07
		Day 57	2020-08-28 10:13 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-16 12:03 (-16)	0.4		0 - 1
		Day 29	2020-07-31 11:20 (30)	0.4		0 - 1
		Day 57	2020-08-28 10:13 (29)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-16 12:03 (-16)	5.13		3.7 - 11
		Day 29	2020-07-31 11:20 (30)	4.61		3.7 - 11
		Day 57	2020-08-28 10:13 (29)	4.75		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-16 12:03 (-16)	1.19		0.9 - 3.6
		Day 29	2020-07-31 11:20 (30)	1.52		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041142	Lymphocytes (10^9/L)	Day 57	2020-08-28 10:13 (29)	1.47		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-16 12:03 (-16)	23.2		12 - 46
		Day 29	2020-07-31 11:20 (30)	33.0		12 - 46
		Day 57	2020-08-28 10:13 (29)	30.9		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-16 12:03 (-16)	0.50		0 - 1.2
		Day 29	2020-07-31 11:20 (30)	0.47		0 - 1.2
		Day 57	2020-08-28 10:13 (29)	0.49		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-16 12:03 (-16)	9.7		0 - 11
		Day 29	2020-07-31 11:20 (30)	10.2		0 - 11
		Day 57	2020-08-28 10:13 (29)	10.3		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-16 12:03 (-16)	3.31		1.7 - 7.9
		Day 29	2020-07-31 11:20 (30)	2.45		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041142	Neutrophils (10^9/L)	Day 57	2020-08-28 10:13 (29)	2.66		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-16 12:03 (-16)	64.5		34 - 71
		Day 29	2020-07-31 11:20 (30)	53.1		34 - 71
		Day 57	2020-08-28 10:13 (29)	56.1		34 - 71
	Platelets (10^9/L)	Screening	2020-06-16 12:03 (-16)	177		163 - 375
		Day 29	2020-07-31 11:20 (30)	187		163 - 375
		Day 57	2020-08-28 10:13 (29)	182		163 - 375
US2041146	Basophils (10^9/L)	Screening	2020-06-17 12:05 (-15)	0.05		0 - 0.3
		Day 29	2020-07-31 08:18 (30)	0.06		0 - 0.3
		Day 57	2020-08-26 08:22 (27)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-17 12:05 (-15)	1.0		0 - 3
		Day 29	2020-07-31 08:18 (30)	2.1		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041146	Basophils/Leukocytes (%)	Day 57	2020-08-26 08:22 (27)	1.4		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-17 12:05 (-15)	0.06		0 - 0.8
		Day 29	2020-07-31 08:18 (30)	0.10		0 - 0.8
		Day 57	2020-08-26 08:22 (27)	0.09		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-17 12:05 (-15)	1.2		0 - 7
		Day 29	2020-07-31 08:18 (30)	3.5		0 - 7
		Day 57	2020-08-26 08:22 (27)	3.2		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-17 12:05 (-15)	3.30 (L)		3.7 - 5.2
		Day 29	2020-07-31 08:18 (30)	3.44 (L)		3.7 - 5.2
		Day 57	2020-08-26 08:22 (27)	3.28 (L)		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-17 12:05 (-15)	0.398		0.33 - 0.47
		Day 29	2020-07-31 08:18 (30)	0.410		0.33 - 0.47

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041146	Hematocrit (L/L)	Day 57	2020-08-26 08:22 (27)	0.383		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-17 12:05 (-15)	122		110 - 155
		Day 29	2020-07-31 08:18 (30)	125		110 - 155
		Day 57	2020-08-26 08:22 (27)	120	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-17 12:05 (-15)	<0.03		0 - 0.07
		Day 29	2020-07-31 08:18 (30)	<0.03		0 - 0.07
		Day 57	2020-08-26 08:22 (27)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-17 12:05 (-15)	0.2		0 - 1
		Day 29	2020-07-31 08:18 (30)	0.3		0 - 1
		Day 57	2020-08-26 08:22 (27)	0.0		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-17 12:05 (-15)	4.86		3.7 - 11
		Day 29	2020-07-31 08:18 (30)	2.88 (L)	G1 WBC Decreased	3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041146	Leukocytes (10^9/L)	Day 57	2020-08-26 08:22 (27)	2.81 (L)	G1 WBC Decreased	3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-17 12:05 (-15)	1.09		0.9 - 3.6
		Day 29	2020-07-31 08:18 (30)	1.08		0.9 - 3.6
		Day 57	2020-08-26 08:22 (27)	0.95	G1 Lymphocytes Decreased	0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-17 12:05 (-15)	22.4		12 - 46
		Day 29	2020-07-31 08:18 (30)	37.5		12 - 46
		Day 57	2020-08-26 08:22 (27)	33.8		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-17 12:05 (-15)	0.36		0 - 1.2
		Day 29	2020-07-31 08:18 (30)	0.27		0 - 1.2
		Day 57	2020-08-26 08:22 (27)	0.21		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-17 12:05 (-15)	7.4		0 - 11
		Day 29	2020-07-31 08:18 (30)	9.4		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041146	Monocytes/Leukocytes (%)	Day 57	2020-08-26 08:22 (27)	7.5		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-17 12:05 (-15)	3.29		1.7 - 7.9
		Day 29	2020-07-31 08:18 (30)	1.36 (L)	G2 Neutrophils Decreased	1.7 - 7.9
		Day 57	2020-08-26 08:22 (27)	1.52 (L)	G1 Neutrophils Decreased	1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-17 12:05 (-15)	67.8		34 - 71
		Day 29	2020-07-31 08:18 (30)	47.2		34 - 71
		Day 57	2020-08-26 08:22 (27)	54.1		34 - 71
	Platelets (10^9/L)	Screening	2020-06-17 12:05 (-15)	245		163 - 375
		Day 29	2020-07-31 08:18 (30)	272		163 - 375
		Day 57	2020-08-26 08:22 (27)	261		163 - 375
US2041151	Basophils (10^9/L)	Screening	2020-06-19 14:14 (-17)	0.09		0 - 0.3
		Day 29	2020-08-04 10:47 (30)	0.08		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041151	Basophils (10^9/L)	Day 57	2020-09-01 15:05 (29)	0.09		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-19 14:14 (-17)	1.3		0 - 3
		Day 29	2020-08-04 10:47 (30)	1.1		0 - 3
		Day 57	2020-09-01 15:05 (29)	1.2		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-19 14:14 (-17)	0.28		0 - 0.8
		Day 29	2020-08-04 10:47 (30)	0.13		0 - 0.8
		Day 57	2020-09-01 15:05 (29)	0.22		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-19 14:14 (-17)	4.1		0 - 7
		Day 29	2020-08-04 10:47 (30)	1.7		0 - 7
		Day 57	2020-09-01 15:05 (29)	2.9		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-19 14:14 (-17)	5.48		4.63 - 6.08
		Day 29	2020-08-04 10:47 (30)	5.41		4.63 - 6.08

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041151	Erythrocytes (10^12/L)	Day 57	2020-09-01 15:05 (29)	5.08		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-19 14:14 (-17)	0.514 (H)		0.37 - 0.51
		Day 29	2020-08-04 10:47 (30)	0.517 (H)		0.37 - 0.51
		Day 57	2020-09-01 15:05 (29)	0.490		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-19 14:14 (-17)	164		125 - 170
		Day 29	2020-08-04 10:47 (30)	162	G1 Hemoglobin Decreased	125 - 170
		Day 57	2020-09-01 15:05 (29)	152	G1 Hemoglobin Decreased	125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-19 14:14 (-17)	<0.03		0 - 0.07
		Day 29	2020-08-04 10:47 (30)	<0.03		0 - 0.07
		Day 57	2020-09-01 15:05 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-19 14:14 (-17)	0.1		0 - 1
		Day 29	2020-08-04 10:47 (30)	0.1		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041151	Immature Granulocytes/Leukocytes (%)	Day 57	2020-09-01 15:05 (29)	0.1		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-19 14:14 (-17)	6.88		3.7 - 11
		Day 29	2020-08-04 10:47 (30)	7.51		3.7 - 11
		Day 57	2020-09-01 15:05 (29)	7.51		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-19 14:14 (-17)	1.22		0.9 - 3.6
		Day 29	2020-08-04 10:47 (30)	1.30		0.9 - 3.6
		Day 57	2020-09-01 15:05 (29)	1.44		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-19 14:14 (-17)	17.7		12 - 46
		Day 29	2020-08-04 10:47 (30)	17.3		12 - 46
		Day 57	2020-09-01 15:05 (29)	19.2		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-19 14:14 (-17)	0.51		0 - 1.2
		Day 29	2020-08-04 10:47 (30)	0.48		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041151	Monocytes (10^9/L)	Day 57	2020-09-01 15:05 (29)	0.47		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-19 14:14 (-17)	7.4		0 - 11
		Day 29	2020-08-04 10:47 (30)	6.4		0 - 11
		Day 57	2020-09-01 15:05 (29)	6.3		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-19 14:14 (-17)	4.77		1.7 - 7.9
		Day 29	2020-08-04 10:47 (30)	5.51		1.7 - 7.9
		Day 57	2020-09-01 15:05 (29)	5.28		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-19 14:14 (-17)	69.4		34 - 71
		Day 29	2020-08-04 10:47 (30)	73.4 (H)		34 - 71
		Day 57	2020-09-01 15:05 (29)	70.3		34 - 71
	Platelets (10^9/L)	Screening	2020-06-19 14:14 (-17)	225		163 - 375
		Day 29	2020-08-04 10:47 (30)	224		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041151	Platelets (10^9/L)	Day 57	2020-09-01 15:05 (29)	227		163 - 375
US2041152	Basophils (10^9/L)	Screening	2020-06-19 14:21 (-18)	0.04		0 - 0.3
		Day 29	2020-08-04 10:38 (29)	0.03		0 - 0.3
		Day 57	2020-09-03 10:22 (31)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-19 14:21 (-18)	0.7		0 - 3
		Day 29	2020-08-04 10:38 (29)	0.5		0 - 3
		Day 57	2020-09-03 10:22 (31)	0.5		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-19 14:21 (-18)	0.19		0 - 0.8
		Day 29	2020-08-04 10:38 (29)	0.11		0 - 0.8
		Day 57	2020-09-03 10:22 (31)	0.12		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-19 14:21 (-18)	3.1		0 - 7
		Day 29	2020-08-04 10:38 (29)	1.9		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041152	Eosinophils/Leukocytes (%)	Day 57	2020-09-03 10:22 (31)	2.0		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-19 14:21 (-18)	4.37		3.7 - 5.2
		Day 29	2020-08-04 10:38 (29)	4.38		3.7 - 5.2
		Day 57	2020-09-03 10:22 (31)	4.29		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-19 14:21 (-18)	0.431		0.33 - 0.47
		Day 29	2020-08-04 10:38 (29)	0.428		0.33 - 0.47
		Day 57	2020-09-03 10:22 (31)	0.423		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-19 14:21 (-18)	135		110 - 155
		Day 29	2020-08-04 10:38 (29)	136		110 - 155
		Day 57	2020-09-03 10:22 (31)	133	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-19 14:21 (-18)	<0.03		0 - 0.07
		Day 29	2020-08-04 10:38 (29)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041152	Immature Granulocytes (10^9/L)	Day 57	2020-09-03 10:22 (31)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-19 14:21 (-18)	0.3		0 - 1
		Day 29	2020-08-04 10:38 (29)	0.2		0 - 1
		Day 57	2020-09-03 10:22 (31)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-19 14:21 (-18)	6.14		3.7 - 11
		Day 29	2020-08-04 10:38 (29)	5.75		3.7 - 11
		Day 57	2020-09-03 10:22 (31)	5.97		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-19 14:21 (-18)	1.45		0.9 - 3.6
		Day 29	2020-08-04 10:38 (29)	1.08		0.9 - 3.6
		Day 57	2020-09-03 10:22 (31)	1.18		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-19 14:21 (-18)	23.6		12 - 46
		Day 29	2020-08-04 10:38 (29)	18.8		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041152	Lymphocytes/Leukocytes (%)	Day 57	2020-09-03 10:22 (31)	19.8		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-19 14:21 (-18)	0.82		0 - 1.2
		Day 29	2020-08-04 10:38 (29)	0.61		0 - 1.2
		Day 57	2020-09-03 10:22 (31)	0.62		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-19 14:21 (-18)	13.4 (H)		0 - 11
		Day 29	2020-08-04 10:38 (29)	10.6		0 - 11
		Day 57	2020-09-03 10:22 (31)	10.4		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-19 14:21 (-18)	3.62		1.7 - 7.9
		Day 29	2020-08-04 10:38 (29)	3.91		1.7 - 7.9
		Day 57	2020-09-03 10:22 (31)	4.00		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-19 14:21 (-18)	58.9		34 - 71
		Day 29	2020-08-04 10:38 (29)	68.0		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041152	Neutrophils/Leukocytes (%)	Day 57	2020-09-03 10:22 (31)	67.0		34 - 71
	Platelets (10^9/L)	Screening	2020-06-19 14:21 (-18)	189		163 - 375
		Day 29	2020-08-04 10:38 (29)	203		163 - 375
		Day 57	2020-09-03 10:22 (31)	189		163 - 375
US2041166	Basophils (10^9/L)	Screening	2020-07-01 14:44 (-5)	0.03		0 - 0.3
		Day 29	2020-08-03 08:11 (29)	<0.03		0 - 0.3
		Day 57	2020-08-31 09:11 (29)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-07-01 14:44 (-5)	0.5		0 - 3
		Day 29	2020-08-03 08:11 (29)	0.4		0 - 3
		Day 57	2020-08-31 09:11 (29)	0.4		0 - 3
	Eosinophils (10^9/L)	Screening	2020-07-01 14:44 (-5)	0.11		0 - 0.8
		Day 29	2020-08-03 08:11 (29)	0.09		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041166	Eosinophils (10^9/L)	Day 57	2020-08-31 09:11 (29)	0.10		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-07-01 14:44 (-5)	1.8		0 - 7
		Day 29	2020-08-03 08:11 (29)	1.8		0 - 7
		Day 57	2020-08-31 09:11 (29)	1.8		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-07-01 14:44 (-5)	5.02		4.63 - 6.08
		Day 29	2020-08-03 08:11 (29)	5.08		4.63 - 6.08
		Day 57	2020-08-31 09:11 (29)	5.18		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-07-01 14:44 (-5)	0.471		0.37 - 0.51
		Day 29	2020-08-03 08:11 (29)	0.475		0.37 - 0.51
		Day 57	2020-08-31 09:11 (29)	0.488		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-07-01 14:44 (-5)	147		125 - 170
		Day 29	2020-08-03 08:11 (29)	149		125 - 170

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041166	Hemoglobin (g/L)	Day 57	2020-08-31 09:11 (29)	152		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-07-01 14:44 (-5)	<0.03		0 - 0.07
		Day 29	2020-08-03 08:11 (29)	<0.03		0 - 0.07
		Day 57	2020-08-31 09:11 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-07-01 14:44 (-5)	0.3		0 - 1
		Day 29	2020-08-03 08:11 (29)	0.2		0 - 1
		Day 57	2020-08-31 09:11 (29)	0.4		0 - 1
	Leukocytes (10^9/L)	Screening	2020-07-01 14:44 (-5)	6.13		3.7 - 11
		Day 29	2020-08-03 08:11 (29)	4.99		3.7 - 11
		Day 57	2020-08-31 09:11 (29)	5.46		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-07-01 14:44 (-5)	1.21		0.9 - 3.6
		Day 29	2020-08-03 08:11 (29)	0.93	G1 Lymphocytes Decreased	0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041166	Lymphocytes (10^9/L)	Day 57	2020-08-31 09:11 (29)	1.23		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-07-01 14:44 (-5)	19.7		12 - 46
		Day 29	2020-08-03 08:11 (29)	18.6		12 - 46
		Day 57	2020-08-31 09:11 (29)	22.5		12 - 46
	Monocytes (10^9/L)	Screening	2020-07-01 14:44 (-5)	0.61		0 - 1.2
		Day 29	2020-08-03 08:11 (29)	0.47		0 - 1.2
		Day 57	2020-08-31 09:11 (29)	0.56		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-07-01 14:44 (-5)	10.0		0 - 11
		Day 29	2020-08-03 08:11 (29)	9.4		0 - 11
		Day 57	2020-08-31 09:11 (29)	10.3		0 - 11
	Neutrophils (10^9/L)	Screening	2020-07-01 14:44 (-5)	4.15		1.7 - 7.9
		Day 29	2020-08-03 08:11 (29)	3.47		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041166	Neutrophils (10^9/L)	Day 57	2020-08-31 09:11 (29)	3.53		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-07-01 14:44 (-5)	67.7		34 - 71
		Day 29	2020-08-03 08:11 (29)	69.6		34 - 71
		Day 57	2020-08-31 09:11 (29)	64.6		34 - 71
	Platelets (10^9/L)	Screening	2020-07-01 14:44 (-5)	187		163 - 375
		Day 29	2020-08-03 08:11 (29)	161 (L)		163 - 375
		Day 57	2020-08-31 09:11 (29)	183		163 - 375
US2051055	Basophils (10^9/L)	Screening	2020-06-12 09:40 (-14)	<0.03		0 - 0.3
		Day 29	2020-07-30 08:34 (35)	<0.03		0 - 0.3
		Day 57	2020-08-25 07:50 (27)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-12 09:40 (-14)	0.5		0 - 3
		Day 29	2020-07-30 08:34 (35)	0.6		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051055	Basophils/Leukocytes (%)	Day 57	2020-08-25 07:50 (27)	0.7		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-12 09:40 (-14)	0.20		0 - 0.8
		Day 29	2020-07-30 08:34 (35)	0.20		0 - 0.8
		Day 57	2020-08-25 07:50 (27)	0.28		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-12 09:40 (-14)	5.4		0 - 7
		Day 29	2020-07-30 08:34 (35)	5.5		0 - 7
		Day 57	2020-08-25 07:50 (27)	6.4		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-12 09:40 (-14)	5.36		4.63 - 6.08
		Day 29	2020-07-30 08:34 (35)	4.86		4.63 - 6.08
		Day 57	2020-08-25 07:50 (27)	4.77		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-12 09:40 (-14)	0.527 (H)		0.37 - 0.51
		Day 29	2020-07-30 08:34 (35)	0.469		0.37 - 0.51

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051055	Hematocrit (L/L)	Day 57	2020-08-25 07:50 (27)	0.490		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-12 09:40 (-14)	165		125 - 170
		Day 29	2020-07-30 08:34 (35)	149	G2 Hemoglobin Decreased	125 - 170
		Day 57	2020-08-25 07:50 (27)	148	G2 Hemoglobin Decreased	125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-12 09:40 (-14)	<0.03		0 - 0.07
		Day 29	2020-07-30 08:34 (35)	<0.03		0 - 0.07
		Day 57	2020-08-25 07:50 (27)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-12 09:40 (-14)	0.3		0 - 1
		Day 29	2020-07-30 08:34 (35)	0.3		0 - 1
		Day 57	2020-08-25 07:50 (27)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-12 09:40 (-14)	3.69 (L)		3.7 - 11
		Day 29	2020-07-30 08:34 (35)	3.62 (L)		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051055	Leukocytes (10^9/L)	Day 57	2020-08-25 07:50 (27)	4.37		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-12 09:40 (-14)	0.96	G1 Lymphocytes Decreased	0.9 - 3.6
		Day 29	2020-07-30 08:34 (35)	0.79 (L)	G1 Lymphocytes Decreased	0.9 - 3.6
		Day 57	2020-08-25 07:50 (27)	0.78 (L)	G1 Lymphocytes Decreased	0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-12 09:40 (-14)	26.0		12 - 46
		Day 29	2020-07-30 08:34 (35)	21.8		12 - 46
		Day 57	2020-08-25 07:50 (27)	17.8		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-12 09:40 (-14)	0.43		0 - 1.2
		Day 29	2020-07-30 08:34 (35)	0.47		0 - 1.2
		Day 57	2020-08-25 07:50 (27)	0.43		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-12 09:40 (-14)	11.7 (H)		0 - 11
		Day 29	2020-07-30 08:34 (35)	13.0 (H)		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051055	Monocytes/Leukocytes (%)	Day 57	2020-08-25 07:50 (27)	9.8		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-12 09:40 (-14)	2.07		1.7 - 7.9
		Day 29	2020-07-30 08:34 (35)	2.13		1.7 - 7.9
		Day 57	2020-08-25 07:50 (27)	2.84		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-12 09:40 (-14)	56.1		34 - 71
		Day 29	2020-07-30 08:34 (35)	58.8		34 - 71
		Day 57	2020-08-25 07:50 (27)	65.1		34 - 71
	Platelets (10^9/L)	Screening	2020-06-12 09:40 (-14)	249		163 - 375
		Day 29	2020-07-30 08:34 (35)	226		163 - 375
		Day 57	2020-08-25 07:50 (27)	244		163 - 375
US2051063	Basophils (10^9/L)	Screening	2020-06-16 15:41 (-14)	0.07		0 - 0.3
		Day 29	2020-07-28 09:42 (29)	0.06		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051063	Basophils (10^9/L)	Day 57	2020-08-25 09:55 (29)	0.07		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-16 15:41 (-14)	1.5		0 - 3
		Day 29	2020-07-28 09:42 (29)	1.4		0 - 3
		Day 57	2020-08-25 09:55 (29)	1.6		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-16 15:41 (-14)	0.10		0 - 0.8
		Day 29	2020-07-28 09:42 (29)	0.11		0 - 0.8
		Day 57	2020-08-25 09:55 (29)	0.14		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-16 15:41 (-14)	2.2		0 - 7
		Day 29	2020-07-28 09:42 (29)	2.6		0 - 7
		Day 57	2020-08-25 09:55 (29)	3.3		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-16 15:41 (-14)	4.77		4.63 - 6.08
		Day 29	2020-07-28 09:42 (29)	4.66		4.63 - 6.08

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051063	Erythrocytes (10^12/L)	Day 57	2020-08-25 09:55 (29)	4.60 (L)		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-16 15:41 (-14)	0.465		0.37 - 0.51
		Day 29	2020-07-28 09:42 (29)	0.464		0.37 - 0.51
		Day 57	2020-08-25 09:55 (29)	0.473		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-16 15:41 (-14)	145		125 - 170
		Day 29	2020-07-28 09:42 (29)	142	G1 Hemoglobin Decreased	125 - 170
		Day 57	2020-08-25 09:55 (29)	141	G1 Hemoglobin Decreased	125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-16 15:41 (-14)	<0.03		0 - 0.07
		Day 29	2020-07-28 09:42 (29)	<0.03		0 - 0.07
		Day 57	2020-08-25 09:55 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-16 15:41 (-14)	0.4		0 - 1
		Day 29	2020-07-28 09:42 (29)	0.2		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051063	Immature Granulocytes/Leukocytes (%)	Day 57	2020-08-25 09:55 (29)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-16 15:41 (-14)	4.61		3.7 - 11
		Day 29	2020-07-28 09:42 (29)	4.24		3.7 - 11
		Day 57	2020-08-25 09:55 (29)	4.29		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-16 15:41 (-14)	1.22		0.9 - 3.6
		Day 29	2020-07-28 09:42 (29)	1.06		0.9 - 3.6
		Day 57	2020-08-25 09:55 (29)	1.02		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-16 15:41 (-14)	26.5		12 - 46
		Day 29	2020-07-28 09:42 (29)	25.0		12 - 46
		Day 57	2020-08-25 09:55 (29)	23.8		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-16 15:41 (-14)	0.47		0 - 1.2
		Day 29	2020-07-28 09:42 (29)	0.41		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051063	Monocytes (10^9/L)	Day 57	2020-08-25 09:55 (29)	0.41		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-16 15:41 (-14)	10.2		0 - 11
		Day 29	2020-07-28 09:42 (29)	9.7		0 - 11
		Day 57	2020-08-25 09:55 (29)	9.6		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-16 15:41 (-14)	2.73		1.7 - 7.9
		Day 29	2020-07-28 09:42 (29)	2.59		1.7 - 7.9
		Day 57	2020-08-25 09:55 (29)	2.64		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-16 15:41 (-14)	59.2		34 - 71
		Day 29	2020-07-28 09:42 (29)	61.1		34 - 71
		Day 57	2020-08-25 09:55 (29)	61.5		34 - 71
	Platelets (10^9/L)	Screening	2020-06-16 15:41 (-14)	226		163 - 375
		Day 29	2020-07-28 09:42 (29)	213		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051063	Platelets (10^9/L)	Day 57	2020-08-25 09:55 (29)	242		163 - 375
US2051072	Basophils (10^9/L)	Screening	2020-06-19 09:12 (-17)	0.05		0 - 0.3
		Day 29	2020-08-03 08:49 (29)	0.03		0 - 0.3
		Day 57	2020-09-21 08:41 (50)	0.06		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-19 09:12 (-17)	0.9		0 - 3
		Day 29	2020-08-03 08:49 (29)	0.6		0 - 3
		Day 57	2020-09-21 08:41 (50)	1.3		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-19 09:12 (-17)	0.35		0 - 0.8
		Day 29	2020-08-03 08:49 (29)	0.31		0 - 0.8
		Day 57	2020-09-21 08:41 (50)	0.37		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-19 09:12 (-17)	6.6		0 - 7
		Day 29	2020-08-03 08:49 (29)	6.4		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051072	Eosinophils/Leukocytes (%)	Day 57	2020-09-21 08:41 (50)	8.0 (H)		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-19 09:12 (-17)	4.59 (L)		4.63 - 6.08
		Day 29	2020-08-03 08:49 (29)	4.31 (L)		4.63 - 6.08
		Day 57	2020-09-21 08:41 (50)	4.20 (L)		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-19 09:12 (-17)	0.454		0.37 - 0.51
		Day 29	2020-08-03 08:49 (29)	0.430		0.37 - 0.51
		Day 57	2020-09-21 08:41 (50)	0.423		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-19 09:12 (-17)	141		125 - 170
		Day 29	2020-08-03 08:49 (29)	134	G1 Hemoglobin Decreased	125 - 170
		Day 57	2020-09-21 08:41 (50)	134	G1 Hemoglobin Decreased	125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-19 09:12 (-17)	<0.03		0 - 0.07
		Day 29	2020-08-03 08:49 (29)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051072	Immature Granulocytes (10^9/L)	Day 57	2020-09-21 08:41 (50)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-19 09:12 (-17)	0.2		0 - 1
		Day 29	2020-08-03 08:49 (29)	0.0		0 - 1
		Day 57	2020-09-21 08:41 (50)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-19 09:12 (-17)	5.27		3.7 - 11
		Day 29	2020-08-03 08:49 (29)	4.87		3.7 - 11
		Day 57	2020-09-21 08:41 (50)	4.62		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-19 09:12 (-17)	1.82		0.9 - 3.6
		Day 29	2020-08-03 08:49 (29)	1.68		0.9 - 3.6
		Day 57	2020-09-21 08:41 (50)	1.66		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-19 09:12 (-17)	34.5		12 - 46
		Day 29	2020-08-03 08:49 (29)	34.5		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051072	Lymphocytes/Leukocytes (%)	Day 57	2020-09-21 08:41 (50)	35.9		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-19 09:12 (-17)	0.58		0 - 1.2
		Day 29	2020-08-03 08:49 (29)	0.47		0 - 1.2
		Day 57	2020-09-21 08:41 (50)	0.55		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-19 09:12 (-17)	11.0		0 - 11
		Day 29	2020-08-03 08:49 (29)	9.7		0 - 11
		Day 57	2020-09-21 08:41 (50)	11.9 (H)		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-19 09:12 (-17)	2.46		1.7 - 7.9
		Day 29	2020-08-03 08:49 (29)	2.38		1.7 - 7.9
		Day 57	2020-09-21 08:41 (50)	1.97	G1 Neutrophils Decreased	1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-19 09:12 (-17)	46.8		34 - 71
		Day 29	2020-08-03 08:49 (29)	48.8		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051072	Neutrophils/Leukocytes (%)	Day 57	2020-09-21 08:41 (50)	42.7		34 - 71
	Platelets (10^9/L)	Screening	2020-06-19 09:12 (-17)	185		163 - 375
		Day 29	2020-08-03 08:49 (29)	190		163 - 375
		Day 57	2020-09-21 08:41 (50)	190		163 - 375
US2051073	Basophils (10^9/L)	Screening	2020-06-19 10:16 (-17)	0.05		0 - 0.3
		Day 29	2020-08-05 11:19 (31)	0.06		0 - 0.3
		Day 57	2020-08-31 12:19 (27)	0.07		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-19 10:16 (-17)	0.9		0 - 3
		Day 29	2020-08-05 11:19 (31)	0.9		0 - 3
		Day 57	2020-08-31 12:19 (27)	0.8		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-19 10:16 (-17)	0.08		0 - 0.8
		Day 29	2020-08-05 11:19 (31)	0.09		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051073	Eosinophils (10^9/L)	Day 57	2020-08-31 12:19 (27)	0.08		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-19 10:16 (-17)	1.4		0 - 7
		Day 29	2020-08-05 11:19 (31)	1.4		0 - 7
		Day 57	2020-08-31 12:19 (27)	0.9		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-19 10:16 (-17)	4.74		3.7 - 5.2
		Day 29	2020-08-05 11:19 (31)	4.43		3.7 - 5.2
		Day 57	2020-08-31 12:19 (27)	4.68		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-19 10:16 (-17)	0.478 (H)		0.33 - 0.47
		Day 29	2020-08-05 11:19 (31)	0.453		0.33 - 0.47
		Day 57	2020-08-31 12:19 (27)	0.469		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-19 10:16 (-17)	151		110 - 155
		Day 29	2020-08-05 11:19 (31)	140	G1 Hemoglobin Decreased	110 - 155

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051073	Hemoglobin (g/L)	Day 57	2020-08-31 12:19 (27)	145	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-19 10:16 (-17)	<0.03		0 - 0.07
		Day 29	2020-08-05 11:19 (31)	<0.03		0 - 0.07
		Day 57	2020-08-31 12:19 (27)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-19 10:16 (-17)	0.2		0 - 1
		Day 29	2020-08-05 11:19 (31)	0.2		0 - 1
		Day 57	2020-08-31 12:19 (27)	0.1		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-19 10:16 (-17)	5.61		3.7 - 11
		Day 29	2020-08-05 11:19 (31)	6.47		3.7 - 11
		Day 57	2020-08-31 12:19 (27)	8.80		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-19 10:16 (-17)	1.59		0.9 - 3.6
		Day 29	2020-08-05 11:19 (31)	1.56		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051073	Lymphocytes (10^9/L)	Day 57	2020-08-31 12:19 (27)	1.88		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-19 10:16 (-17)	28.3		12 - 46
		Day 29	2020-08-05 11:19 (31)	24.1		12 - 46
		Day 57	2020-08-31 12:19 (27)	21.4		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-19 10:16 (-17)	0.44		0 - 1.2
		Day 29	2020-08-05 11:19 (31)	0.42		0 - 1.2
		Day 57	2020-08-31 12:19 (27)	0.60		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-19 10:16 (-17)	7.8		0 - 11
		Day 29	2020-08-05 11:19 (31)	6.5		0 - 11
		Day 57	2020-08-31 12:19 (27)	6.8		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-19 10:16 (-17)	3.44		1.7 - 7.9
		Day 29	2020-08-05 11:19 (31)	4.33		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051073	Neutrophils (10^9/L)	Day 57	2020-08-31 12:19 (27)	6.16		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-19 10:16 (-17)	61.4		34 - 71
		Day 29	2020-08-05 11:19 (31)	66.9		34 - 71
		Day 57	2020-08-31 12:19 (27)	70.0		34 - 71
	Platelets (10^9/L)	Screening	2020-06-19 10:16 (-17)	287		163 - 375
		Day 29	2020-08-05 11:19 (31)	301		163 - 375
		Day 57	2020-08-31 12:19 (27)	331		163 - 375
US2051086	Basophils (10^9/L)	Screening	2020-06-24 15:28 (-12)	0.07		0 - 0.3
		Day 29	2020-08-04 11:16 (30)	0.06		0 - 0.3
		Day 57	2020-09-03 11:01 (31)	0.06		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-24 15:28 (-12)	1.0		0 - 3
		Day 29	2020-08-04 11:16 (30)	0.9		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051086	Basophils/Leukocytes (%)	Day 57	2020-09-03 11:01 (31)	1.0		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-24 15:28 (-12)	0.31		0 - 0.8
		Day 29	2020-08-04 11:16 (30)	0.19		0 - 0.8
		Day 57	2020-09-03 11:01 (31)	0.18		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-24 15:28 (-12)	4.4		0 - 7
		Day 29	2020-08-04 11:16 (30)	3.0		0 - 7
		Day 57	2020-09-03 11:01 (31)	2.9		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-24 15:28 (-12)	4.38 (L)		4.63 - 6.08
		Day 29	2020-08-04 11:16 (30)	4.48 (L)		4.63 - 6.08
		Day 57	2020-09-03 11:01 (31)	4.53 (L)		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-24 15:28 (-12)	0.441		0.37 - 0.51
		Day 29	2020-08-04 11:16 (30)	0.455		0.37 - 0.51

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051086	Hematocrit (L/L)	Day 57	2020-09-03 11:01 (31)	0.464		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-24 15:28 (-12)	144		125 - 170
		Day 29	2020-08-04 11:16 (30)	144		125 - 170
		Day 57	2020-09-03 11:01 (31)	148		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-24 15:28 (-12)	<0.03		0 - 0.07
		Day 29	2020-08-04 11:16 (30)	<0.03		0 - 0.07
		Day 57	2020-09-03 11:01 (31)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-24 15:28 (-12)	0.1		0 - 1
		Day 29	2020-08-04 11:16 (30)	0.3		0 - 1
		Day 57	2020-09-03 11:01 (31)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-24 15:28 (-12)	7.10		3.7 - 11
		Day 29	2020-08-04 11:16 (30)	6.40		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051086	Leukocytes (10^9/L)	Day 57	2020-09-03 11:01 (31)	6.29		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-24 15:28 (-12)	2.23		0.9 - 3.6
		Day 29	2020-08-04 11:16 (30)	2.23		0.9 - 3.6
		Day 57	2020-09-03 11:01 (31)	2.33		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-24 15:28 (-12)	31.4		12 - 46
		Day 29	2020-08-04 11:16 (30)	34.8		12 - 46
		Day 57	2020-09-03 11:01 (31)	37.0		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-24 15:28 (-12)	0.61		0 - 1.2
		Day 29	2020-08-04 11:16 (30)	0.57		0 - 1.2
		Day 57	2020-09-03 11:01 (31)	0.43		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-24 15:28 (-12)	8.6		0 - 11
		Day 29	2020-08-04 11:16 (30)	8.9		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051086	Monocytes/Leukocytes (%)	Day 57	2020-09-03 11:01 (31)	6.8		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-24 15:28 (-12)	3.87		1.7 - 7.9
		Day 29	2020-08-04 11:16 (30)	3.33		1.7 - 7.9
		Day 57	2020-09-03 11:01 (31)	3.28		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-24 15:28 (-12)	54.5		34 - 71
		Day 29	2020-08-04 11:16 (30)	52.1		34 - 71
		Day 57	2020-09-03 11:01 (31)	52.1		34 - 71
	Platelets (10^9/L)	Screening	2020-06-24 15:28 (-12)	273		163 - 375
		Day 29	2020-08-04 11:16 (30)	272		163 - 375
		Day 57	2020-09-03 11:01 (31)	266		163 - 375
US2051087	Basophils (10^9/L)	Screening	2020-06-25 09:20 (-11)	<0.03		0 - 0.3
		Unscheduled	2020-06-29 15:40 (-7)	<0.03		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051087	Basophils (10^9/L)	Day 29	2020-08-04 08:30 (30)	<0.03		0 - 0.3
		Day 57	2020-09-08 09:41 (36)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-25 09:20 (-11)	0.2		0 - 3
		Unscheduled	2020-06-29 15:40 (-7)	0.2		0 - 3
		Day 29	2020-08-04 08:30 (30)	0.3		0 - 3
		Day 57	2020-09-08 09:41 (36)	0.3		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-25 09:20 (-11)	0.21		0 - 0.8
		Unscheduled	2020-06-29 15:40 (-7)	0.25		0 - 0.8
		Day 29	2020-08-04 08:30 (30)	0.23		0 - 0.8
		Day 57	2020-09-08 09:41 (36)	0.26		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-25 09:20 (-11)	3.5		0 - 7
		Unscheduled	2020-06-29 15:40 (-7)	3.0		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051087	Eosinophils/Leukocytes (%)	Day 29	2020-08-04 08:30 (30)	3.7		0 - 7
		Day 57	2020-09-08 09:41 (36)	3.4		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-25 09:20 (-11)	4.56		3.7 - 5.2
		Unscheduled	2020-06-29 15:40 (-7)	4.55		3.7 - 5.2
		Day 29	2020-08-04 08:30 (30)	4.29		3.7 - 5.2
		Day 57	2020-09-08 09:41 (36)	4.39		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-25 09:20 (-11)	0.473 (H)		0.33 - 0.47
		Unscheduled	2020-06-29 15:40 (-7)	0.465		0.33 - 0.47
		Day 29	2020-08-04 08:30 (30)	0.432		0.33 - 0.47
		Day 57	2020-09-08 09:41 (36)	0.445		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-25 09:20 (-11)	143		110 - 155
		Unscheduled	2020-06-29 15:40 (-7)	142		110 - 155

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051087	Hemoglobin (g/L)	Day 29	2020-08-04 08:30 (30)	136	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-09-08 09:41 (36)	139	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-25 09:20 (-11)	<0.03		0 - 0.07
		Unscheduled	2020-06-29 15:40 (-7)	0.03		0 - 0.07
		Day 29	2020-08-04 08:30 (30)	<0.03		0 - 0.07
		Day 57	2020-09-08 09:41 (36)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-25 09:20 (-11)	0.2		0 - 1
		Unscheduled	2020-06-29 15:40 (-7)	0.4		0 - 1
		Day 29	2020-08-04 08:30 (30)	0.3		0 - 1
		Day 57	2020-09-08 09:41 (36)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-25 09:20 (-11)	6.05		3.7 - 11
		Unscheduled	2020-06-29 15:40 (-7)	8.23		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051087	Leukocytes (10^9/L)	Day 29	2020-08-04 08:30 (30)	6.18		3.7 - 11
		Day 57	2020-09-08 09:41 (36)	7.57		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-25 09:20 (-11)	1.97		0.9 - 3.6
		Unscheduled	2020-06-29 15:40 (-7)	2.73		0.9 - 3.6
		Day 29	2020-08-04 08:30 (30)	2.01		0.9 - 3.6
		Day 57	2020-09-08 09:41 (36)	2.15		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-25 09:20 (-11)	32.6		12 - 46
		Unscheduled	2020-06-29 15:40 (-7)	33.2		12 - 46
		Day 29	2020-08-04 08:30 (30)	32.5		12 - 46
		Day 57	2020-09-08 09:41 (36)	28.4		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-25 09:20 (-11)	0.47		0 - 1.2
		Unscheduled	2020-06-29 15:40 (-7)	0.57		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051087	Monocytes (10^9/L)	Day 29	2020-08-04 08:30 (30)	0.54		0 - 1.2
		Day 57	2020-09-08 09:41 (36)	0.64		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-25 09:20 (-11)	7.8		0 - 11
		Unscheduled	2020-06-29 15:40 (-7)	6.9		0 - 11
		Day 29	2020-08-04 08:30 (30)	8.7		0 - 11
		Day 57	2020-09-08 09:41 (36)	8.5		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-25 09:20 (-11)	3.38		1.7 - 7.9
		Unscheduled	2020-06-29 15:40 (-7)	4.63		1.7 - 7.9
		Day 29	2020-08-04 08:30 (30)	3.36		1.7 - 7.9
		Day 57	2020-09-08 09:41 (36)	4.48		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-25 09:20 (-11)	55.7		34 - 71
		Unscheduled	2020-06-29 15:40 (-7)	56.3		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051087	Neutrophils/Leukocytes (%)	Day 29	2020-08-04 08:30 (30)	54.5		34 - 71
		Day 57	2020-09-08 09:41 (36)	59.1		34 - 71
	Platelets (10^9/L)	Screening	2020-06-25 09:20 (-11)	156 (L)		163 - 375
		Unscheduled	2020-06-29 15:40 (-7)	168		163 - 375
		Day 29	2020-08-04 08:30 (30)	169		163 - 375
		Day 57	2020-09-08 09:41 (36)	202		163 - 375
US2051089	Basophils (10^9/L)	Screening	2020-06-25 11:26 (-7)	0.03		0 - 0.3
		Day 29	2020-07-30 10:14 (29)	0.04		0 - 0.3
		Day 57	2020-08-28 09:01 (30)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-25 11:26 (-7)	0.5		0 - 3
		Day 29	2020-07-30 10:14 (29)	0.8		0 - 3
		Day 57	2020-08-28 09:01 (30)	0.9		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051089	Eosinophils (10^9/L)	Screening	2020-06-25 11:26 (-7)	0.17		0 - 0.8
		Day 29	2020-07-30 10:14 (29)	0.23		0 - 0.8
		Day 57	2020-08-28 09:01 (30)	0.22		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-25 11:26 (-7)	3.0		0 - 7
		Day 29	2020-07-30 10:14 (29)	4.4		0 - 7
		Day 57	2020-08-28 09:01 (30)	4.9		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-25 11:26 (-7)	4.49		3.7 - 5.2
		Day 29	2020-07-30 10:14 (29)	4.64		3.7 - 5.2
		Day 57	2020-08-28 09:01 (30)	4.61		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-25 11:26 (-7)	0.451		0.33 - 0.47
		Day 29	2020-07-30 10:14 (29)	0.467		0.33 - 0.47
		Day 57	2020-08-28 09:01 (30)	0.475 (H)		0.33 - 0.47

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051089	Hemoglobin (g/L)	Screening	2020-06-25 11:26 (-7)	141		110 - 155
		Day 29	2020-07-30 10:14 (29)	145		110 - 155
		Day 57	2020-08-28 09:01 (30)	145		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-25 11:26 (-7)	<0.03		0 - 0.07
		Day 29	2020-07-30 10:14 (29)	<0.03		0 - 0.07
		Day 57	2020-08-28 09:01 (30)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-25 11:26 (-7)	0.2		0 - 1
		Day 29	2020-07-30 10:14 (29)	0.2		0 - 1
		Day 57	2020-08-28 09:01 (30)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-25 11:26 (-7)	5.62		3.7 - 11
		Day 29	2020-07-30 10:14 (29)	5.25		3.7 - 11
		Day 57	2020-08-28 09:01 (30)	4.51		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051089	Lymphocytes (10^9/L)	Screening	2020-06-25 11:26 (-7)	1.96		0.9 - 3.6
		Day 29	2020-07-30 10:14 (29)	1.90		0.9 - 3.6
		Day 57	2020-08-28 09:01 (30)	1.96		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-25 11:26 (-7)	34.9		12 - 46
		Day 29	2020-07-30 10:14 (29)	36.2		12 - 46
		Day 57	2020-08-28 09:01 (30)	43.5		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-25 11:26 (-7)	0.50		0 - 1.2
		Day 29	2020-07-30 10:14 (29)	0.40		0 - 1.2
		Day 57	2020-08-28 09:01 (30)	0.35		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-25 11:26 (-7)	8.9		0 - 11
		Day 29	2020-07-30 10:14 (29)	7.6		0 - 11
		Day 57	2020-08-28 09:01 (30)	7.8		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051089	Neutrophils (10^9/L)	Screening	2020-06-25 11:26 (-7)	2.95		1.7 - 7.9
		Day 29	2020-07-30 10:14 (29)	2.67		1.7 - 7.9
		Day 57	2020-08-28 09:01 (30)	1.93	G1 Neutrophils Decreased	1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-25 11:26 (-7)	52.5		34 - 71
		Day 29	2020-07-30 10:14 (29)	50.8		34 - 71
		Day 57	2020-08-28 09:01 (30)	42.7		34 - 71
	Platelets (10^9/L)	Screening	2020-06-25 11:26 (-7)	289		163 - 375
		Day 29	2020-07-30 10:14 (29)	326		163 - 375
		Day 57	2020-08-28 09:01 (30)	317		163 - 375
US2051098	Basophils (10^9/L)	Screening	2020-06-29 14:42 (-7)	0.10		0 - 0.3
		Day 29	2020-08-05 09:14 (31)	0.09		0 - 0.3
		Day 57	2020-09-08 10:27 (35)	0.08		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051098	Basophils/Leukocytes (%)	Screening	2020-06-29 14:42 (-7)	1.9		0 - 3
		Day 29	2020-08-05 09:14 (31)	1.5		0 - 3
		Day 57	2020-09-08 10:27 (35)	1.4		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-29 14:42 (-7)	0.23		0 - 0.8
		Day 29	2020-08-05 09:14 (31)	0.18		0 - 0.8
		Day 57	2020-09-08 10:27 (35)	0.27		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-29 14:42 (-7)	4.5		0 - 7
		Day 29	2020-08-05 09:14 (31)	3.1		0 - 7
		Day 57	2020-09-08 10:27 (35)	4.7		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-29 14:42 (-7)	4.38		3.7 - 5.2
		Day 29	2020-08-05 09:14 (31)	4.19		3.7 - 5.2
		Day 57	2020-09-08 10:27 (35)	4.28		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051098	Hematocrit (L/L)	Screening	2020-06-29 14:42 (-7)	0.441		0.33 - 0.47
		Day 29	2020-08-05 09:14 (31)	0.426		0.33 - 0.47
		Day 57	2020-09-08 10:27 (35)	0.424		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-29 14:42 (-7)	133		110 - 155
		Day 29	2020-08-05 09:14 (31)	129	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-09-08 10:27 (35)	130	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-29 14:42 (-7)	<0.03		0 - 0.07
		Day 29	2020-08-05 09:14 (31)	<0.03		0 - 0.07
		Day 57	2020-09-08 10:27 (35)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-29 14:42 (-7)	0.4		0 - 1
		Day 29	2020-08-05 09:14 (31)	0.2		0 - 1
		Day 57	2020-09-08 10:27 (35)	0.2		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051098	Leukocytes (10^9/L)	Screening	2020-06-29 14:42 (-7)	5.15		3.7 - 11
		Day 29	2020-08-05 09:14 (31)	5.84		3.7 - 11
		Day 57	2020-09-08 10:27 (35)	5.73		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-29 14:42 (-7)	1.82		0.9 - 3.6
		Day 29	2020-08-05 09:14 (31)	1.51		0.9 - 3.6
		Day 57	2020-09-08 10:27 (35)	1.67		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-29 14:42 (-7)	35.3		12 - 46
		Day 29	2020-08-05 09:14 (31)	25.9		12 - 46
		Day 57	2020-09-08 10:27 (35)	29.1		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-29 14:42 (-7)	0.35		0 - 1.2
		Day 29	2020-08-05 09:14 (31)	0.56		0 - 1.2
		Day 57	2020-09-08 10:27 (35)	0.49		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051098	Monocytes/Leukocytes (%)	Screening	2020-06-29 14:42 (-7)	6.8		0 - 11
		Day 29	2020-08-05 09:14 (31)	9.6		0 - 11
		Day 57	2020-09-08 10:27 (35)	8.6		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-29 14:42 (-7)	2.63		1.7 - 7.9
		Day 29	2020-08-05 09:14 (31)	3.49		1.7 - 7.9
		Day 57	2020-09-08 10:27 (35)	3.21		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-29 14:42 (-7)	51.1		34 - 71
		Day 29	2020-08-05 09:14 (31)	59.7		34 - 71
		Day 57	2020-09-08 10:27 (35)	56.0		34 - 71
	Platelets (10^9/L)	Screening	2020-06-29 14:42 (-7)	311		163 - 375
		Day 29	2020-08-05 09:14 (31)	343		163 - 375
		Day 57	2020-09-08 10:27 (35)	344		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051112	Basophils (10^9/L)	Screening	2020-07-01 13:42 (-5)	<0.03		0 - 0.3
		Day 29	2020-08-03 11:54 (29)	<0.03		0 - 0.3
		Day 57	2020-08-31 14:02 (29)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-07-01 13:42 (-5)	0.5		0 - 3
		Day 29	2020-08-03 11:54 (29)	0.5		0 - 3
		Day 57	2020-08-31 14:02 (29)	0.8		0 - 3
	Eosinophils (10^9/L)	Screening	2020-07-01 13:42 (-5)	0.13		0 - 0.8
		Day 29	2020-08-03 11:54 (29)	0.10		0 - 0.8
		Day 57	2020-08-31 14:02 (29)	0.13		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-07-01 13:42 (-5)	3.1		0 - 7
		Day 29	2020-08-03 11:54 (29)	2.3		0 - 7
		Day 57	2020-08-31 14:02 (29)	3.6		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051112	Erythrocytes (10^12/L)	Screening	2020-07-01 13:42 (-5)	4.32		3.7 - 5.2
		Day 29	2020-08-03 11:54 (29)	4.23		3.7 - 5.2
		Day 57	2020-08-31 14:02 (29)	4.48		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-07-01 13:42 (-5)	0.393		0.33 - 0.47
		Day 29	2020-08-03 11:54 (29)	0.384		0.33 - 0.47
		Day 57	2020-08-31 14:02 (29)	0.406		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-07-01 13:42 (-5)	123		110 - 155
		Day 29	2020-08-03 11:54 (29)	120	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-31 14:02 (29)	125		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-07-01 13:42 (-5)	<0.03		0 - 0.07
		Day 29	2020-08-03 11:54 (29)	<0.03		0 - 0.07
		Day 57	2020-08-31 14:02 (29)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051112	Immature Granulocytes/Leukocytes (%)	Screening	2020-07-01 13:42 (-5)	0.2		0 - 1
		Day 29	2020-08-03 11:54 (29)	0.2		0 - 1
		Day 57	2020-08-31 14:02 (29)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-07-01 13:42 (-5)	4.20		3.7 - 11
		Day 29	2020-08-03 11:54 (29)	4.30		3.7 - 11
		Day 57	2020-08-31 14:02 (29)	3.58 (L)		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-07-01 13:42 (-5)	0.98	G1 Lymphocytes Decreased	0.9 - 3.6
		Day 29	2020-08-03 11:54 (29)	0.89 (L)	G1 Lymphocytes Decreased	0.9 - 3.6
		Day 57	2020-08-31 14:02 (29)	1.07		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-07-01 13:42 (-5)	23.3		12 - 46
		Day 29	2020-08-03 11:54 (29)	20.7		12 - 46
		Day 57	2020-08-31 14:02 (29)	29.9		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051112	Monocytes (10^9/L)	Screening	2020-07-01 13:42 (-5)	0.48		0 - 1.2
		Day 29	2020-08-03 11:54 (29)	0.37		0 - 1.2
		Day 57	2020-08-31 14:02 (29)	0.48		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-07-01 13:42 (-5)	11.4 (H)		0 - 11
		Day 29	2020-08-03 11:54 (29)	8.6		0 - 11
		Day 57	2020-08-31 14:02 (29)	13.4 (H)		0 - 11
	Neutrophils (10^9/L)	Screening	2020-07-01 13:42 (-5)	2.58		1.7 - 7.9
		Day 29	2020-08-03 11:54 (29)	2.91		1.7 - 7.9
		Day 57	2020-08-31 14:02 (29)	1.86	G1 Neutrophils Decreased	1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-07-01 13:42 (-5)	61.5		34 - 71
		Day 29	2020-08-03 11:54 (29)	67.7		34 - 71
		Day 57	2020-08-31 14:02 (29)	52.0		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051112	Platelets (10^9/L)	Screening	2020-07-01 13:42 (-5)	223		163 - 375
		Day 29	2020-08-03 11:54 (29)	235		163 - 375
		Day 57	2020-08-31 14:02 (29)	247		163 - 375
US2061035	Basophils (10^9/L)	Screening	2020-06-09 10:14 (-17)	0.06		0 - 0.3
		Day 29	2020-07-20 09:20 (25)	0.05		0 - 0.3
		Day 57	2020-08-18 09:19 (30)	0.07		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-09 10:14 (-17)	0.8		0 - 3
		Day 29	2020-07-20 09:20 (25)	0.7		0 - 3
		Day 57	2020-08-18 09:19 (30)	0.8		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-09 10:14 (-17)	0.10		0 - 0.8
		Day 29	2020-07-20 09:20 (25)	0.12		0 - 0.8
		Day 57	2020-08-18 09:19 (30)	0.17		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061035	Eosinophils/Leukocytes (%)	Screening	2020-06-09 10:14 (-17)	1.3		0 - 7
		Day 29	2020-07-20 09:20 (25)	1.6		0 - 7
		Day 57	2020-08-18 09:19 (30)	2.1		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-09 10:14 (-17)	4.94		4.63 - 6.08
		Day 29	2020-07-20 09:20 (25)	4.83		4.63 - 6.08
		Day 57	2020-08-18 09:19 (30)	5.05		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-09 10:14 (-17)	0.467		0.37 - 0.51
		Day 29	2020-07-20 09:20 (25)	0.466		0.37 - 0.51
		Day 57	2020-08-18 09:19 (30)	0.483		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-09 10:14 (-17)	145		125 - 170
		Day 29	2020-07-20 09:20 (25)	143	G1 Hemoglobin Decreased	125 - 170
		Day 57	2020-08-18 09:19 (30)	152		125 - 170

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061035	Immature Granulocytes (10^9/L)	Screening	2020-06-09 10:14 (-17)	<0.03		0 - 0.07
		Day 29	2020-07-20 09:20 (25)	<0.03		0 - 0.07
		Day 57	2020-08-18 09:19 (30)	0.04		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-09 10:14 (-17)	0.1		0 - 1
		Day 29	2020-07-20 09:20 (25)	0.1		0 - 1
		Day 57	2020-08-18 09:19 (30)	0.5		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-09 10:14 (-17)	7.60		3.7 - 11
		Day 29	2020-07-20 09:20 (25)	7.68		3.7 - 11
		Day 57	2020-08-18 09:19 (30)	8.25		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-09 10:14 (-17)	1.54		0.9 - 3.6
		Day 29	2020-07-20 09:20 (25)	1.34		0.9 - 3.6
		Day 57	2020-08-18 09:19 (30)	1.53		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061035	Lymphocytes/Leukocytes (%)	Screening	2020-06-09 10:14 (-17)	20.3		12 - 46
		Day 29	2020-07-20 09:20 (25)	17.4		12 - 46
		Day 57	2020-08-18 09:19 (30)	18.5		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-09 10:14 (-17)	0.52		0 - 1.2
		Day 29	2020-07-20 09:20 (25)	0.45		0 - 1.2
		Day 57	2020-08-18 09:19 (30)	0.62		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-09 10:14 (-17)	6.8		0 - 11
		Day 29	2020-07-20 09:20 (25)	5.9		0 - 11
		Day 57	2020-08-18 09:19 (30)	7.5		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-09 10:14 (-17)	5.37		1.7 - 7.9
		Day 29	2020-07-20 09:20 (25)	5.71		1.7 - 7.9
		Day 57	2020-08-18 09:19 (30)	5.82		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061035	Neutrophils/Leukocytes (%)	Screening	2020-06-09 10:14 (-17)	70.7		34 - 71
		Day 29	2020-07-20 09:20 (25)	74.3 (H)		34 - 71
		Day 57	2020-08-18 09:19 (30)	70.6		34 - 71
	Platelets (10^9/L)	Screening	2020-06-09 10:14 (-17)	180		163 - 375
		Day 29	2020-07-20 09:20 (25)	187		163 - 375
		Day 57	2020-08-18 09:19 (30)	201		163 - 375
US2061043	Basophils (10^9/L)	Screening	2020-06-10 13:48 (-19)	0.03		0 - 0.3
		Day 29	2020-07-27 13:35 (29)	0.05		0 - 0.3
		Day 57	2020-08-21 10:47 (26)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-10 13:48 (-19)	0.5		0 - 3
		Day 29	2020-07-27 13:35 (29)	0.8		0 - 3
		Day 57	2020-08-21 10:47 (26)	0.5		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061043	Eosinophils (10^9/L)	Screening	2020-06-10 13:48 (-19)	0.15		0 - 0.8
		Day 29	2020-07-27 13:35 (29)	0.17		0 - 0.8
		Day 57	2020-08-21 10:47 (26)	0.13		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-10 13:48 (-19)	2.6		0 - 7
		Day 29	2020-07-27 13:35 (29)	2.8		0 - 7
		Day 57	2020-08-21 10:47 (26)	2.9		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-10 13:48 (-19)	4.75		3.7 - 5.2
		Day 29	2020-07-27 13:35 (29)	4.56		3.7 - 5.2
		Day 57	2020-08-21 10:47 (26)	4.78		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-10 13:48 (-19)	0.465		0.33 - 0.47
		Day 29	2020-07-27 13:35 (29)	0.457		0.33 - 0.47
		Day 57	2020-08-21 10:47 (26)	0.488 (H)		0.33 - 0.47

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061043	Hemoglobin (g/L)	Screening	2020-06-10 13:48 (-19)	154		110 - 155
		Day 29	2020-07-27 13:35 (29)	147	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-21 10:47 (26)	153	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-10 13:48 (-19)	<0.03		0 - 0.07
		Day 29	2020-07-27 13:35 (29)	<0.03		0 - 0.07
		Day 57	2020-08-21 10:47 (26)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-10 13:48 (-19)	0.3		0 - 1
		Day 29	2020-07-27 13:35 (29)	0.3		0 - 1
		Day 57	2020-08-21 10:47 (26)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-10 13:48 (-19)	5.88		3.7 - 11
		Day 29	2020-07-27 13:35 (29)	6.15		3.7 - 11
		Day 57	2020-08-21 10:47 (26)	4.42		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061043	Lymphocytes (10^9/L)	Screening	2020-06-10 13:48 (-19)	1.85		0.9 - 3.6
		Day 29	2020-07-27 13:35 (29)	1.82		0.9 - 3.6
		Day 57	2020-08-21 10:47 (26)	1.30		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-10 13:48 (-19)	31.5		12 - 46
		Day 29	2020-07-27 13:35 (29)	29.6		12 - 46
		Day 57	2020-08-21 10:47 (26)	29.4		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-10 13:48 (-19)	0.47		0 - 1.2
		Day 29	2020-07-27 13:35 (29)	0.56		0 - 1.2
		Day 57	2020-08-21 10:47 (26)	0.43		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-10 13:48 (-19)	8.0		0 - 11
		Day 29	2020-07-27 13:35 (29)	9.1		0 - 11
		Day 57	2020-08-21 10:47 (26)	9.7		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061043	Neutrophils (10^9/L)	Screening	2020-06-10 13:48 (-19)	3.36		1.7 - 7.9
		Day 29	2020-07-27 13:35 (29)	3.53		1.7 - 7.9
		Day 57	2020-08-21 10:47 (26)	2.53		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-10 13:48 (-19)	57.1		34 - 71
		Day 29	2020-07-27 13:35 (29)	57.4		34 - 71
		Day 57	2020-08-21 10:47 (26)	57.3		34 - 71
	Platelets (10^9/L)	Screening	2020-06-10 13:48 (-19)	276		163 - 375
		Day 29	2020-07-27 13:35 (29)	321		163 - 375
		Day 57	2020-08-21 10:47 (26)	263		163 - 375
US2061046	Basophils (10^9/L)	Screening	2020-06-11 10:47 (-18)	<0.03		0 - 0.3
		Day 29	2020-07-27 08:28 (29)	<0.03		0 - 0.3
		Day 57	2020-08-24 08:30 (29)	<0.03		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061046	Basophils/Leukocytes (%)	Screening	2020-06-11 10:47 (-18)	0.3		0 - 3
		Day 29	2020-07-27 08:28 (29)	0.5		0 - 3
		Day 57	2020-08-24 08:30 (29)	0.5		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-11 10:47 (-18)	0.05		0 - 0.8
		Day 29	2020-07-27 08:28 (29)	0.06		0 - 0.8
		Day 57	2020-08-24 08:30 (29)	0.06		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-11 10:47 (-18)	0.8		0 - 7
		Day 29	2020-07-27 08:28 (29)	1.4		0 - 7
		Day 57	2020-08-24 08:30 (29)	1.5		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-11 10:47 (-18)	3.94		3.7 - 5.2
		Day 29	2020-07-27 08:28 (29)	4.15		3.7 - 5.2
		Day 57	2020-08-24 08:30 (29)	4.01		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061046	Hematocrit (L/L)	Screening	2020-06-11 10:47 (-18)	0.417		0.33 - 0.47
		Day 29	2020-07-27 08:28 (29)	0.431		0.33 - 0.47
		Day 57	2020-08-24 08:30 (29)	0.405		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-11 10:47 (-18)	126		110 - 155
		Day 29	2020-07-27 08:28 (29)	131		110 - 155
		Day 57	2020-08-24 08:30 (29)	125	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-11 10:47 (-18)	<0.03		0 - 0.07
		Day 29	2020-07-27 08:28 (29)	<0.03		0 - 0.07
		Day 57	2020-08-24 08:30 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-11 10:47 (-18)	0.3		0 - 1
		Day 29	2020-07-27 08:28 (29)	0.2		0 - 1
		Day 57	2020-08-24 08:30 (29)	0.3		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061046	Leukocytes (10^9/L)	Screening	2020-06-11 10:47 (-18)	6.63		3.7 - 11
		Day 29	2020-07-27 08:28 (29)	4.26		3.7 - 11
		Day 57	2020-08-24 08:30 (29)	3.95		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-11 10:47 (-18)	1.71		0.9 - 3.6
		Day 29	2020-07-27 08:28 (29)	1.85		0.9 - 3.6
		Day 57	2020-08-24 08:30 (29)	1.42		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-11 10:47 (-18)	25.8		12 - 46
		Day 29	2020-07-27 08:28 (29)	43.4		12 - 46
		Day 57	2020-08-24 08:30 (29)	35.9		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-11 10:47 (-18)	0.44		0 - 1.2
		Day 29	2020-07-27 08:28 (29)	0.39		0 - 1.2
		Day 57	2020-08-24 08:30 (29)	0.38		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061046	Monocytes/Leukocytes (%)	Screening	2020-06-11 10:47 (-18)	6.6		0 - 11
		Day 29	2020-07-27 08:28 (29)	9.2		0 - 11
		Day 57	2020-08-24 08:30 (29)	9.6		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-11 10:47 (-18)	4.39		1.7 - 7.9
		Day 29	2020-07-27 08:28 (29)	1.93	G1 Neutrophils Decreased	1.7 - 7.9
		Day 57	2020-08-24 08:30 (29)	2.06		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-11 10:47 (-18)	66.2		34 - 71
		Day 29	2020-07-27 08:28 (29)	45.3		34 - 71
		Day 57	2020-08-24 08:30 (29)	52.2		34 - 71
	Platelets (10^9/L)	Screening	2020-06-11 10:47 (-18)	293		163 - 375
		Day 29	2020-07-27 08:28 (29)	267		163 - 375
		Day 57	2020-08-24 08:30 (29)	281		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061051	Basophils (10^9/L)	Screening	2020-06-15 11:10 (-15)	0.05		0 - 0.3
		Day 29	2020-07-30 15:22 (31)	0.03		0 - 0.3
		Day 57	2020-08-24 08:27 (26)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-15 11:10 (-15)	0.8		0 - 3
		Day 29	2020-07-30 15:22 (31)	0.6		0 - 3
		Day 57	2020-08-24 08:27 (26)	0.6		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-15 11:10 (-15)	0.19		0 - 0.8
		Day 29	2020-07-30 15:22 (31)	0.16		0 - 0.8
		Day 57	2020-08-24 08:27 (26)	0.18		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-15 11:10 (-15)	3.0		0 - 7
		Day 29	2020-07-30 15:22 (31)	3.0		0 - 7
		Day 57	2020-08-24 08:27 (26)	3.8		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061051	Erythrocytes (10^12/L)	Screening	2020-06-15 11:10 (-15)	3.91		3.7 - 5.2
		Day 29	2020-07-30 15:22 (31)	3.73		3.7 - 5.2
		Day 57	2020-08-24 08:27 (26)	3.71		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-15 11:10 (-15)	0.420		0.33 - 0.47
		Day 29	2020-07-30 15:22 (31)	0.388		0.33 - 0.47
		Day 57	2020-08-24 08:27 (26)	0.396		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-15 11:10 (-15)	135		110 - 155
		Day 29	2020-07-30 15:22 (31)	128	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-24 08:27 (26)	127	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-15 11:10 (-15)	<0.03		0 - 0.07
		Day 29	2020-07-30 15:22 (31)	<0.03		0 - 0.07
		Day 57	2020-08-24 08:27 (26)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061051	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-15 11:10 (-15)	0.2		0 - 1
		Day 29	2020-07-30 15:22 (31)	0.2		0 - 1
		Day 57	2020-08-24 08:27 (26)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-15 11:10 (-15)	6.23		3.7 - 11
		Day 29	2020-07-30 15:22 (31)	5.41		3.7 - 11
		Day 57	2020-08-24 08:27 (26)	4.72		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-15 11:10 (-15)	1.63		0.9 - 3.6
		Day 29	2020-07-30 15:22 (31)	2.07		0.9 - 3.6
		Day 57	2020-08-24 08:27 (26)	1.52		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-15 11:10 (-15)	26.2		12 - 46
		Day 29	2020-07-30 15:22 (31)	38.3		12 - 46
		Day 57	2020-08-24 08:27 (26)	32.2		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061051	Monocytes (10^9/L)	Screening	2020-06-15 11:10 (-15)	0.57		0 - 1.2
		Day 29	2020-07-30 15:22 (31)	0.55		0 - 1.2
		Day 57	2020-08-24 08:27 (26)	0.43		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-15 11:10 (-15)	9.1		0 - 11
		Day 29	2020-07-30 15:22 (31)	10.2		0 - 11
		Day 57	2020-08-24 08:27 (26)	9.1		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-15 11:10 (-15)	3.78		1.7 - 7.9
		Day 29	2020-07-30 15:22 (31)	2.59		1.7 - 7.9
		Day 57	2020-08-24 08:27 (26)	2.55		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-15 11:10 (-15)	60.7		34 - 71
		Day 29	2020-07-30 15:22 (31)	47.7		34 - 71
		Day 57	2020-08-24 08:27 (26)	54.1		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061051	Platelets (10^9/L)	Screening	2020-06-15 11:10 (-15)	176		163 - 375
		Day 29	2020-07-30 15:22 (31)	197		163 - 375
		Day 57	2020-08-24 08:27 (26)	184		163 - 375
US2061055	Basophils (10^9/L)	Screening	2020-06-16 11:22 (-14)	0.08		0 - 0.3
		Day 29	2020-07-28 08:30 (29)	0.06		0 - 0.3
		Day 57	2020-08-24 09:30 (28)	0.08		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-16 11:22 (-14)	1.3		0 - 3
		Day 29	2020-07-28 08:30 (29)	1.3		0 - 3
		Day 57	2020-08-24 09:30 (28)	1.2		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-16 11:22 (-14)	0.12		0 - 0.8
		Day 29	2020-07-28 08:30 (29)	0.20		0 - 0.8
		Day 57	2020-08-24 09:30 (28)	0.11		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061055	Eosinophils/Leukocytes (%)	Screening	2020-06-16 11:22 (-14)	2.0		0 - 7
		Day 29	2020-07-28 08:30 (29)	4.3		0 - 7
		Day 57	2020-08-24 09:30 (28)	1.7		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-16 11:22 (-14)	4.72		3.7 - 5.2
		Day 29	2020-07-28 08:30 (29)	4.68		3.7 - 5.2
		Day 57	2020-08-24 09:30 (28)	4.69		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-16 11:22 (-14)	0.485 (H)		0.33 - 0.47
		Day 29	2020-07-28 08:30 (29)	0.492 (H)		0.33 - 0.47
		Day 57	2020-08-24 09:30 (28)	0.478 (H)		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-16 11:22 (-14)	154		110 - 155
		Day 29	2020-07-28 08:30 (29)	153	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-24 09:30 (28)	152	G1 Hemoglobin Decreased	110 - 155

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061055	Immature Granulocytes (10^9/L)	Screening	2020-06-16 11:22 (-14)	<0.03		0 - 0.07
		Day 29	2020-07-28 08:30 (29)	<0.03		0 - 0.07
		Day 57	2020-08-24 09:30 (28)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-16 11:22 (-14)	0.2		0 - 1
		Day 29	2020-07-28 08:30 (29)	0.4		0 - 1
		Day 57	2020-08-24 09:30 (28)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-16 11:22 (-14)	6.14		3.7 - 11
		Day 29	2020-07-28 08:30 (29)	4.62		3.7 - 11
		Day 57	2020-08-24 09:30 (28)	6.55		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-16 11:22 (-14)	1.59		0.9 - 3.6
		Day 29	2020-07-28 08:30 (29)	1.40		0.9 - 3.6
		Day 57	2020-08-24 09:30 (28)	1.64		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061055	Lymphocytes/Leukocytes (%)	Screening	2020-06-16 11:22 (-14)	25.9		12 - 46
		Day 29	2020-07-28 08:30 (29)	30.3		12 - 46
		Day 57	2020-08-24 09:30 (28)	25.0		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-16 11:22 (-14)	0.71		0 - 1.2
		Day 29	2020-07-28 08:30 (29)	0.54		0 - 1.2
		Day 57	2020-08-24 09:30 (28)	0.65		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-16 11:22 (-14)	11.6 (H)		0 - 11
		Day 29	2020-07-28 08:30 (29)	11.7 (H)		0 - 11
		Day 57	2020-08-24 09:30 (28)	9.9		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-16 11:22 (-14)	3.63		1.7 - 7.9
		Day 29	2020-07-28 08:30 (29)	2.40		1.7 - 7.9
		Day 57	2020-08-24 09:30 (28)	4.06		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061055	Neutrophils/Leukocytes (%)	Screening	2020-06-16 11:22 (-14)	59.0		34 - 71
		Day 29	2020-07-28 08:30 (29)	52.0		34 - 71
		Day 57	2020-08-24 09:30 (28)	62.0		34 - 71
	Platelets (10^9/L)	Screening	2020-06-16 11:22 (-14)	291		163 - 375
		Day 29	2020-07-28 08:30 (29)	307		163 - 375
		Day 57	2020-08-24 09:30 (28)	355		163 - 375
US2071005	Basophils (10^9/L)	Screening	2020-05-25 10:32 (-8)	0.04		0 - 0.3
		Day 29	2020-07-06 14:27 (35)	0.08		0 - 0.3
		Day 57	2020-07-31 08:55 (26)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-25 10:32 (-8)	0.6		0 - 3
		Day 29	2020-07-06 14:27 (35)	0.6		0 - 3
		Day 57	2020-07-31 08:55 (26)	0.4		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071005	Eosinophils (10^9/L)	Screening	2020-05-25 10:32 (-8)	0.13		0 - 0.8
		Day 29	2020-07-06 14:27 (35)	3.02 (H)	G2 Eosinophils Increased	0 - 0.8
		Day 57	2020-07-31 08:55 (26)	0.13		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-25 10:32 (-8)	2.0		0 - 7
		Day 29	2020-07-06 14:27 (35)	24.0 (H)		0 - 7
		Day 57	2020-07-31 08:55 (26)	1.8		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-25 10:32 (-8)	4.57		3.7 - 5.2
		Day 29	2020-07-06 14:27 (35)	4.39		3.7 - 5.2
		Day 57	2020-07-31 08:55 (26)	4.07		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-25 10:32 (-8)	0.474 (H)		0.33 - 0.47
		Day 29	2020-07-06 14:27 (35)	0.433		0.33 - 0.47
		Day 57	2020-07-31 08:55 (26)	0.416		0.33 - 0.47

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071005	Hemoglobin (g/L)	Screening	2020-05-25 10:32 (-8)	135		110 - 155
		Day 29	2020-07-06 14:27 (35)	129	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-07-31 08:55 (26)	122	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-25 10:32 (-8)	<0.03		0 - 0.07
		Day 29	2020-07-06 14:27 (35)	<0.03		0 - 0.07
		Day 57	2020-07-31 08:55 (26)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-25 10:32 (-8)	0.2		0 - 1
		Day 29	2020-07-06 14:27 (35)	0.2		0 - 1
		Day 57	2020-07-31 08:55 (26)	0.1		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-25 10:32 (-8)	6.37		3.7 - 11
		Day 29	2020-07-06 14:27 (35)	12.57 (H)	G1 WBC Increased	3.7 - 11
		Day 57	2020-07-31 08:55 (26)	7.18		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071005	Lymphocytes (10^9/L)	Screening	2020-05-25 10:32 (-8)	2.09		0.9 - 3.6
		Day 29	2020-07-06 14:27 (35)	2.75		0.9 - 3.6
		Day 57	2020-07-31 08:55 (26)	1.57		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-25 10:32 (-8)	32.8		12 - 46
		Day 29	2020-07-06 14:27 (35)	21.9		12 - 46
		Day 57	2020-07-31 08:55 (26)	21.9		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-25 10:32 (-8)	0.55		0 - 1.2
		Day 29	2020-07-06 14:27 (35)	0.76		0 - 1.2
		Day 57	2020-07-31 08:55 (26)	0.52		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-25 10:32 (-8)	8.6		0 - 11
		Day 29	2020-07-06 14:27 (35)	6.0		0 - 11
		Day 57	2020-07-31 08:55 (26)	7.2		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071005	Neutrophils (10^9/L)	Screening	2020-05-25 10:32 (-8)	3.55		1.7 - 7.9
		Day 29	2020-07-06 14:27 (35)	5.94		1.7 - 7.9
		Day 57	2020-07-31 08:55 (26)	4.92		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-25 10:32 (-8)	55.8		34 - 71
		Day 29	2020-07-06 14:27 (35)	47.3		34 - 71
		Day 57	2020-07-31 08:55 (26)	68.6		34 - 71
	Platelets (10^9/L)	Screening	2020-05-25 10:32 (-8)	287		163 - 375
		Day 29	2020-07-06 14:27 (35)	265		163 - 375
		Day 57	2020-07-31 08:55 (26)	284		163 - 375
US2071041	Basophils (10^9/L)	Screening	2020-05-28 11:28 (-5)	0.05		0 - 0.3
		Day 29	2020-07-02 08:28 (31)	0.04		0 - 0.3
		Day 57	2020-07-28 08:42 (27)	0.03		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071041	Basophils/Leukocytes (%)	Screening	2020-05-28 11:28 (-5)	0.9		0 - 3
		Day 29	2020-07-02 08:28 (31)	0.8		0 - 3
		Day 57	2020-07-28 08:42 (27)	0.6		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-28 11:28 (-5)	0.23		0 - 0.8
		Day 29	2020-07-02 08:28 (31)	0.28		0 - 0.8
		Day 57	2020-07-28 08:42 (27)	0.26		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-28 11:28 (-5)	4.4		0 - 7
		Day 29	2020-07-02 08:28 (31)	5.3		0 - 7
		Day 57	2020-07-28 08:42 (27)	5.1		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-28 11:28 (-5)	5.14		4.63 - 6.08
		Day 29	2020-07-02 08:28 (31)	4.61 (L)		4.63 - 6.08
		Day 57	2020-07-28 08:42 (27)	4.93		4.63 - 6.08

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071041	Hematocrit (L/L)	Screening	2020-05-28 11:28 (-5)	0.517 (H)		0.37 - 0.51
		Day 29	2020-07-02 08:28 (31)	0.479		0.37 - 0.51
		Day 57	2020-07-28 08:42 (27)	0.519 (H)		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-05-28 11:28 (-5)	162		125 - 170
		Day 29	2020-07-02 08:28 (31)	147	G1 Hemoglobin Decreased	125 - 170
		Day 57	2020-07-28 08:42 (27)	157	G1 Hemoglobin Decreased	125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-05-28 11:28 (-5)	<0.03		0 - 0.07
		Day 29	2020-07-02 08:28 (31)	<0.03		0 - 0.07
		Day 57	2020-07-28 08:42 (27)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-28 11:28 (-5)	0.2		0 - 1
		Day 29	2020-07-02 08:28 (31)	0.2		0 - 1
		Day 57	2020-07-28 08:42 (27)	0.2		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071041	Leukocytes (10^9/L)	Screening	2020-05-28 11:28 (-5)	5.28		3.7 - 11
		Day 29	2020-07-02 08:28 (31)	5.26		3.7 - 11
		Day 57	2020-07-28 08:42 (27)	5.10		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-28 11:28 (-5)	1.29		0.9 - 3.6
		Day 29	2020-07-02 08:28 (31)	1.11		0.9 - 3.6
		Day 57	2020-07-28 08:42 (27)	1.27		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-28 11:28 (-5)	24.4		12 - 46
		Day 29	2020-07-02 08:28 (31)	21.1		12 - 46
		Day 57	2020-07-28 08:42 (27)	24.9		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-28 11:28 (-5)	0.51		0 - 1.2
		Day 29	2020-07-02 08:28 (31)	0.48		0 - 1.2
		Day 57	2020-07-28 08:42 (27)	0.43		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071041	Monocytes/Leukocytes (%)	Screening	2020-05-28 11:28 (-5)	9.7		0 - 11
		Day 29	2020-07-02 08:28 (31)	9.1		0 - 11
		Day 57	2020-07-28 08:42 (27)	8.4		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-28 11:28 (-5)	3.19		1.7 - 7.9
		Day 29	2020-07-02 08:28 (31)	3.34		1.7 - 7.9
		Day 57	2020-07-28 08:42 (27)	3.10		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-28 11:28 (-5)	60.4		34 - 71
		Day 29	2020-07-02 08:28 (31)	63.5		34 - 71
		Day 57	2020-07-28 08:42 (27)	60.8		34 - 71
	Platelets (10^9/L)	Screening	2020-05-28 11:28 (-5)	195		163 - 375
		Day 29	2020-07-02 08:28 (31)	165		163 - 375
		Day 57	2020-07-28 08:42 (27)	181		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071084	Basophils (10^9/L)	Screening	2020-06-15 11:12 (-11)	<0.03		0 - 0.3
		Day 29	2020-07-27 10:33 (32)	<0.03		0 - 0.3
		Unscheduled	2020-07-28 (33)	0.05		0 - 0.3
		Day 57	2020-08-24 08:30 (29)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-15 11:12 (-11)	0.3		0 - 3
		Day 29	2020-07-27 10:33 (32)	0.4		0 - 3
		Unscheduled	2020-07-28 (33)	0.7		0 - 3
		Day 57	2020-08-24 08:30 (29)	0.6		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-15 11:12 (-11)	0.03		0 - 0.8
		Day 29	2020-07-27 10:33 (32)	0.06		0 - 0.8
		Unscheduled	2020-07-28 (33)	0.14		0 - 0.8
		Day 57	2020-08-24 08:30 (29)	0.05		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-15 11:12 (-11)	0.5		0 - 7
		Day 29	2020-07-27 10:33 (32)	1.1		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071084	Eosinophils/Leukocytes (%)	Unscheduled	2020-07-28 (33)	2.0		0 - 7
		Day 57	2020-08-24 08:30 (29)	1.1		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-15 11:12 (-11)	4.70		4.63 - 6.08
		Day 29	2020-07-27 10:33 (32)	4.43 (L)		4.63 - 6.08
		Unscheduled	2020-07-28 (33)	3.84 (L)		4.63 - 6.08
		Day 57	2020-08-24 08:30 (29)	4.81		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-15 11:12 (-11)	0.481		0.37 - 0.51
		Day 29	2020-07-27 10:33 (32)	0.482		0.37 - 0.51
		Unscheduled	2020-07-28 (33)	0.406		0.37 - 0.51
		Day 57	2020-08-24 08:30 (29)	0.519 (H)		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-15 11:12 (-11)	149		125 - 170
		Day 29	2020-07-27 10:33 (32)	144	G1 Hemoglobin Decreased	125 - 170
		Unscheduled	2020-07-28 (33)	123 (L)	G3 Hemoglobin Decreased	125 - 170
		Day 57	2020-08-24 08:30 (29)	154		125 - 170

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071084	Immature Granulocytes (10^9/L)	Screening	2020-06-15 11:12 (-11)	<0.03		0 - 0.07
		Day 29	2020-07-27 10:33 (32)	<0.03		0 - 0.07
		Unscheduled	2020-07-28 (33)	0.03		0 - 0.07
		Day 57	2020-08-24 08:30 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-15 11:12 (-11)	0.2		0 - 1
		Day 29	2020-07-27 10:33 (32)	0.2		0 - 1
		Unscheduled	2020-07-28 (33)	0.4		0 - 1
		Day 57	2020-08-24 08:30 (29)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-15 11:12 (-11)	6.35		3.7 - 11
		Day 29	2020-07-27 10:33 (32)	5.36		3.7 - 11
		Unscheduled	2020-07-28 (33)	7.05		3.7 - 11
		Day 57	2020-08-24 08:30 (29)	4.64		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-15 11:12 (-11)	1.50		0.9 - 3.6
		Day 29	2020-07-27 10:33 (32)	1.65		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071084	Lymphocytes (10^9/L)	Unscheduled	2020-07-28 (33)	2.03		0.9 - 3.6
		Day 57	2020-08-24 08:30 (29)	1.36		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-15 11:12 (-11)	23.6		12 - 46
		Day 29	2020-07-27 10:33 (32)	30.8		12 - 46
		Unscheduled	2020-07-28 (33)	28.8		12 - 46
		Day 57	2020-08-24 08:30 (29)	29.3		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-15 11:12 (-11)	0.40		0 - 1.2
		Day 29	2020-07-27 10:33 (32)	0.49		0 - 1.2
		Unscheduled	2020-07-28 (33)	0.58		0 - 1.2
		Day 57	2020-08-24 08:30 (29)	0.39		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-15 11:12 (-11)	6.3		0 - 11
		Day 29	2020-07-27 10:33 (32)	9.1		0 - 11
		Unscheduled	2020-07-28 (33)	8.2		0 - 11
		Day 57	2020-08-24 08:30 (29)	8.4		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071084	Neutrophils (10^9/L)	Screening	2020-06-15 11:12 (-11)	4.39		1.7 - 7.9
		Day 29	2020-07-27 10:33 (32)	3.13		1.7 - 7.9
		Unscheduled	2020-07-28 (33)	4.22		1.7 - 7.9
		Day 57	2020-08-24 08:30 (29)	2.80		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-15 11:12 (-11)	69.1		34 - 71
		Day 29	2020-07-27 10:33 (32)	58.4		34 - 71
		Unscheduled	2020-07-28 (33)	59.9		34 - 71
		Day 57	2020-08-24 08:30 (29)	60.4		34 - 71
	Platelets (10^9/L)	Screening	2020-06-15 11:12 (-11)	192		163 - 375
		Day 29	2020-07-27 10:33 (32)	176		163 - 375
		Unscheduled	2020-07-28 (33)	156 (L)		163 - 375
		Day 57	2020-08-24 08:30 (29)	183		163 - 375
US2071085	Basophils (10^9/L)	Screening	2020-06-17 11:59 (-9)	0.05		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071085	Basophils (10^9/L)	Day 57	2020-08-24 14:38 (28)	0.07		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-17 11:59 (-9)	0.9		0 - 3
		Day 57	2020-08-24 14:38 (28)	1.1		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-17 11:59 (-9)	0.14		0 - 0.8
		Day 57	2020-08-24 14:38 (28)	0.14		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-17 11:59 (-9)	2.4		0 - 7
		Day 57	2020-08-24 14:38 (28)	2.2		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-17 11:59 (-9)	4.00		3.7 - 5.2
		Day 57	2020-08-24 14:38 (28)	3.90		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-17 11:59 (-9)	0.416		0.33 - 0.47
		Day 57	2020-08-24 14:38 (28)	0.415		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-17 11:59 (-9)	130		110 - 155

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071085	Hemoglobin (g/L)	Day 57	2020-08-24 14:38 (28)	126	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-17 11:59 (-9)	<0.03		0 - 0.07
		Day 57	2020-08-24 14:38 (28)	0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-17 11:59 (-9)	0.3		0 - 1
		Day 57	2020-08-24 14:38 (28)	0.5		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-17 11:59 (-9)	5.85		3.7 - 11
		Day 57	2020-08-24 14:38 (28)	6.48		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-17 11:59 (-9)	2.18		0.9 - 3.6
		Day 57	2020-08-24 14:38 (28)	2.19		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-17 11:59 (-9)	37.3		12 - 46
		Day 57	2020-08-24 14:38 (28)	33.8		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-17 11:59 (-9)	0.42		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071085	Monocytes (10^9/L)	Day 57	2020-08-24 14:38 (28)	0.43		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-17 11:59 (-9)	7.2		0 - 11
		Day 57	2020-08-24 14:38 (28)	6.6		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-17 11:59 (-9)	3.04		1.7 - 7.9
		Day 57	2020-08-24 14:38 (28)	3.62		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-17 11:59 (-9)	51.9		34 - 71
		Day 57	2020-08-24 14:38 (28)	55.8		34 - 71
	Platelets (10^9/L)	Screening	2020-06-17 11:59 (-9)	135 (L)	G1 Platelets Decreased	163 - 375
		Day 57	2020-08-24 14:38 (28)	134 (L)	G1 Platelets Decreased	163 - 375
US2071086	Basophils (10^9/L)	Screening	2020-06-18 09:52 (-8)	0.04		0 - 0.3
		Day 29	2020-07-29 09:53 (34)	0.04		0 - 0.3
		Day 57	2020-08-24 09:35 (27)	0.05		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071086	Basophils/Leukocytes (%)	Screening	2020-06-18 09:52 (-8)	0.6		0 - 3
		Day 29	2020-07-29 09:53 (34)	0.6		0 - 3
		Day 57	2020-08-24 09:35 (27)	0.9		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-18 09:52 (-8)	0.16		0 - 0.8
		Day 29	2020-07-29 09:53 (34)	0.27		0 - 0.8
		Day 57	2020-08-24 09:35 (27)	0.23		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-18 09:52 (-8)	2.5		0 - 7
		Day 29	2020-07-29 09:53 (34)	4.0		0 - 7
		Day 57	2020-08-24 09:35 (27)	4.0		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-18 09:52 (-8)	5.30		4.63 - 6.08
		Day 29	2020-07-29 09:53 (34)	5.23		4.63 - 6.08
		Day 57	2020-08-24 09:35 (27)	5.28		4.63 - 6.08

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071086	Hematocrit (L/L)	Screening	2020-06-18 09:52 (-8)	0.514 (H)		0.37 - 0.51
		Day 29	2020-07-29 09:53 (34)	0.520 (H)		0.37 - 0.51
		Day 57	2020-08-24 09:35 (27)	0.519 (H)		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-18 09:52 (-8)	159		125 - 170
		Day 29	2020-07-29 09:53 (34)	155	G1 Hemoglobin Decreased	125 - 170
		Day 57	2020-08-24 09:35 (27)	158	G1 Hemoglobin Decreased	125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-18 09:52 (-8)	<0.03		0 - 0.07
		Day 29	2020-07-29 09:53 (34)	<0.03		0 - 0.07
		Day 57	2020-08-24 09:35 (27)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-18 09:52 (-8)	0.3		0 - 1
		Day 29	2020-07-29 09:53 (34)	0.3		0 - 1
		Day 57	2020-08-24 09:35 (27)	0.2		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071086	Leukocytes (10^9/L)	Screening	2020-06-18 09:52 (-8)	6.32		3.7 - 11
		Day 29	2020-07-29 09:53 (34)	6.83		3.7 - 11
		Day 57	2020-08-24 09:35 (27)	5.72		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-18 09:52 (-8)	1.66		0.9 - 3.6
		Day 29	2020-07-29 09:53 (34)	1.94		0.9 - 3.6
		Day 57	2020-08-24 09:35 (27)	1.73		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-18 09:52 (-8)	26.3		12 - 46
		Day 29	2020-07-29 09:53 (34)	28.4		12 - 46
		Day 57	2020-08-24 09:35 (27)	30.2		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-18 09:52 (-8)	0.53		0 - 1.2
		Day 29	2020-07-29 09:53 (34)	0.63		0 - 1.2
		Day 57	2020-08-24 09:35 (27)	0.51		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071086	Monocytes/Leukocytes (%)	Screening	2020-06-18 09:52 (-8)	8.4		0 - 11
		Day 29	2020-07-29 09:53 (34)	9.2		0 - 11
		Day 57	2020-08-24 09:35 (27)	8.9		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-18 09:52 (-8)	3.91		1.7 - 7.9
		Day 29	2020-07-29 09:53 (34)	3.93		1.7 - 7.9
		Day 57	2020-08-24 09:35 (27)	3.19		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-18 09:52 (-8)	61.9		34 - 71
		Day 29	2020-07-29 09:53 (34)	57.5		34 - 71
		Day 57	2020-08-24 09:35 (27)	55.8		34 - 71
	Platelets (10^9/L)	Screening	2020-06-18 09:52 (-8)	182		163 - 375
		Day 29	2020-07-29 09:53 (34)	196		163 - 375
		Day 57	2020-08-24 09:35 (27)	190		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071088	Basophils (10^9/L)	Screening	2020-06-18 13:45 (-8)	0.07		0 - 0.3
		Day 29	2020-07-27 11:25 (32)	0.08		0 - 0.3
		Day 57	2020-08-24 10:51 (29)	0.08		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-18 13:45 (-8)	0.7		0 - 3
		Day 29	2020-07-27 11:25 (32)	0.8		0 - 3
		Day 57	2020-08-24 10:51 (29)	1.1		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-18 13:45 (-8)	0.05		0 - 0.8
		Day 29	2020-07-27 11:25 (32)	0.11		0 - 0.8
		Day 57	2020-08-24 10:51 (29)	0.17		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-18 13:45 (-8)	0.5		0 - 7
		Day 29	2020-07-27 11:25 (32)	1.0		0 - 7
		Day 57	2020-08-24 10:51 (29)	2.4		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071088	Erythrocytes (10^12/L)	Screening	2020-06-18 13:45 (-8)	5.20		4.63 - 6.08
		Day 29	2020-07-27 11:25 (32)	5.09		4.63 - 6.08
		Day 57	2020-08-24 10:51 (29)	5.06		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-18 13:45 (-8)	0.521 (H)		0.37 - 0.51
		Day 29	2020-07-27 11:25 (32)	0.522 (H)		0.37 - 0.51
		Day 57	2020-08-24 10:51 (29)	0.513 (H)		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-18 13:45 (-8)	163		125 - 170
		Day 29	2020-07-27 11:25 (32)	157	G1 Hemoglobin Decreased	125 - 170
		Day 57	2020-08-24 10:51 (29)	158	G1 Hemoglobin Decreased	125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-18 13:45 (-8)	0.06		0 - 0.07
		Day 29	2020-07-27 11:25 (32)	0.04		0 - 0.07
		Day 57	2020-08-24 10:51 (29)	0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071088	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-18 13:45 (-8)	0.6		0 - 1
		Day 29	2020-07-27 11:25 (32)	0.4		0 - 1
		Day 57	2020-08-24 10:51 (29)	0.4		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-18 13:45 (-8)	10.70		3.7 - 11
		Day 29	2020-07-27 11:25 (32)	10.58		3.7 - 11
		Day 57	2020-08-24 10:51 (29)	7.16		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-18 13:45 (-8)	1.76		0.9 - 3.6
		Day 29	2020-07-27 11:25 (32)	1.05		0.9 - 3.6
		Day 57	2020-08-24 10:51 (29)	1.65		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-18 13:45 (-8)	16.4		12 - 46
		Day 29	2020-07-27 11:25 (32)	9.9 (L)		12 - 46
		Day 57	2020-08-24 10:51 (29)	23.0		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071088	Monocytes (10^9/L)	Screening	2020-06-18 13:45 (-8)	0.64		0 - 1.2
		Day 29	2020-07-27 11:25 (32)	0.63		0 - 1.2
		Day 57	2020-08-24 10:51 (29)	0.57		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-18 13:45 (-8)	6.0		0 - 11
		Day 29	2020-07-27 11:25 (32)	6.0		0 - 11
		Day 57	2020-08-24 10:51 (29)	8.0		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-18 13:45 (-8)	8.12 (H)		1.7 - 7.9
		Day 29	2020-07-27 11:25 (32)	8.67 (H)		1.7 - 7.9
		Day 57	2020-08-24 10:51 (29)	4.66		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-18 13:45 (-8)	75.8 (H)		34 - 71
		Day 29	2020-07-27 11:25 (32)	81.9 (H)		34 - 71
		Day 57	2020-08-24 10:51 (29)	65.1		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071088	Platelets (10^9/L)	Screening	2020-06-18 13:45 (-8)	325		163 - 375
		Day 29	2020-07-27 11:25 (32)	353		163 - 375
		Day 57	2020-08-24 10:51 (29)	333		163 - 375
US2071092	Basophils (10^9/L)	Screening	2020-06-19 14:41 (-7)	0.05		0 - 0.3
		Day 29	2020-07-21 09:48 (26)	0.04		0 - 0.3
		Day 57	2020-08-19 10:28 (30)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-19 14:41 (-7)	0.8		0 - 3
		Day 29	2020-07-21 09:48 (26)	0.7		0 - 3
		Day 57	2020-08-19 10:28 (30)	0.8		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-19 14:41 (-7)	0.12		0 - 0.8
		Day 29	2020-07-21 09:48 (26)	<0.03		0 - 0.8
		Day 57	2020-08-19 10:28 (30)	0.08		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071092	Eosinophils/Leukocytes (%)	Screening	2020-06-19 14:41 (-7)	2.0		0 - 7
		Day 29	2020-07-21 09:48 (26)	0.3		0 - 7
		Day 57	2020-08-19 10:28 (30)	1.6		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-19 14:41 (-7)	4.16		3.7 - 5.2
		Day 29	2020-07-21 09:48 (26)	4.48		3.7 - 5.2
		Day 57	2020-08-19 10:28 (30)	4.52		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-19 14:41 (-7)	0.410		0.33 - 0.47
		Day 29	2020-07-21 09:48 (26)	0.440		0.33 - 0.47
		Day 57	2020-08-19 10:28 (30)	0.457		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-19 14:41 (-7)	121		110 - 155
		Day 29	2020-07-21 09:48 (26)	131		110 - 155
		Day 57	2020-08-19 10:28 (30)	130		110 - 155

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071092	Immature Granulocytes (10^9/L)	Screening	2020-06-19 14:41 (-7)	0.03		0 - 0.07
		Day 29	2020-07-21 09:48 (26)	0.03		0 - 0.07
		Day 57	2020-08-19 10:28 (30)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-19 14:41 (-7)	0.5		0 - 1
		Day 29	2020-07-21 09:48 (26)	0.5		0 - 1
		Day 57	2020-08-19 10:28 (30)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-19 14:41 (-7)	6.06		3.7 - 11
		Day 29	2020-07-21 09:48 (26)	6.05		3.7 - 11
		Day 57	2020-08-19 10:28 (30)	4.96		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-19 14:41 (-7)	1.45		0.9 - 3.6
		Day 29	2020-07-21 09:48 (26)	1.81		0.9 - 3.6
		Day 57	2020-08-19 10:28 (30)	1.86		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071092	Lymphocytes/Leukocytes (%)	Screening	2020-06-19 14:41 (-7)	23.9		12 - 46
		Day 29	2020-07-21 09:48 (26)	29.9		12 - 46
		Day 57	2020-08-19 10:28 (30)	37.5		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-19 14:41 (-7)	0.62		0 - 1.2
		Day 29	2020-07-21 09:48 (26)	0.37		0 - 1.2
		Day 57	2020-08-19 10:28 (30)	0.44		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-19 14:41 (-7)	10.2		0 - 11
		Day 29	2020-07-21 09:48 (26)	6.1		0 - 11
		Day 57	2020-08-19 10:28 (30)	8.9		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-19 14:41 (-7)	3.79		1.7 - 7.9
		Day 29	2020-07-21 09:48 (26)	3.78		1.7 - 7.9
		Day 57	2020-08-19 10:28 (30)	2.53		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071092	Neutrophils/Leukocytes (%)	Screening	2020-06-19 14:41 (-7)	62.6		34 - 71
		Day 29	2020-07-21 09:48 (26)	62.5		34 - 71
		Day 57	2020-08-19 10:28 (30)	51.0		34 - 71
	Platelets (10^9/L)	Screening	2020-06-19 14:41 (-7)	218		163 - 375
		Day 29	2020-07-21 09:48 (26)	213		163 - 375
		Day 57	2020-08-19 10:28 (30)	201		163 - 375
US2071094	Basophils (10^9/L)	Unscheduled	2020-06-25 (-11)	0.08		0 - 0.3
		Day 29	2020-08-04 12:15 (30)	0.07		0 - 0.3
		Day 57	2020-08-31 15:05 (28)	0.07		0 - 0.3
	Basophils/Leukocytes (%)	Unscheduled	2020-06-25 (-11)	1.1		0 - 3
		Day 29	2020-08-04 12:15 (30)	1.0		0 - 3
		Day 57	2020-08-31 15:05 (28)	1.0		0 - 3
	Eosinophils (10^9/L)	Unscheduled	2020-06-25 (-11)	0.26		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071094	Eosinophils (10^9/L)	Day 29	2020-08-04 12:15 (30)	0.30		0 - 0.8
		Day 57	2020-08-31 15:05 (28)	0.24		0 - 0.8
	Eosinophils/Leukocytes (%)	Unscheduled	2020-06-25 (-11)	3.7		0 - 7
		Day 29	2020-08-04 12:15 (30)	4.2		0 - 7
		Day 57	2020-08-31 15:05 (28)	3.3		0 - 7
	Erythrocytes (10^12/L)	Unscheduled	2020-06-25 (-11)	5.11		3.7 - 5.2
		Day 29	2020-08-04 12:15 (30)	5.05		3.7 - 5.2
		Day 57	2020-08-31 15:05 (28)	4.72		3.7 - 5.2
	Hematocrit (L/L)	Unscheduled	2020-06-25 (-11)	0.489 (H)		0.33 - 0.47
		Day 29	2020-08-04 12:15 (30)	0.481 (H)		0.33 - 0.47
		Day 57	2020-08-31 15:05 (28)	0.449		0.33 - 0.47
	Hemoglobin (g/L)	Unscheduled	2020-06-25 (-11)	147		110 - 155
		Day 29	2020-08-04 12:15 (30)	139	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-31 15:05 (28)	130	G2 Hemoglobin Decreased	110 - 155

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071094	Immature Granulocytes (10^9/L)	Unscheduled	2020-06-25 (-11)	<0.03		0 - 0.07
		Day 29	2020-08-04 12:15 (30)	0.03		0 - 0.07
		Day 57	2020-08-31 15:05 (28)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Unscheduled	2020-06-25 (-11)	0.1		0 - 1
		Day 29	2020-08-04 12:15 (30)	0.4		0 - 1
		Day 57	2020-08-31 15:05 (28)	0.3		0 - 1
	Leukocytes (10^9/L)	Unscheduled	2020-06-25 (-11)	7.00		3.7 - 11
		Day 29	2020-08-04 12:15 (30)	7.06		3.7 - 11
		Day 57	2020-08-31 15:05 (28)	7.20		3.7 - 11
	Lymphocytes (10^9/L)	Unscheduled	2020-06-25 (-11)	1.13		0.9 - 3.6
		Day 29	2020-08-04 12:15 (30)	1.35		0.9 - 3.6
		Day 57	2020-08-31 15:05 (28)	1.33		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Unscheduled	2020-06-25 (-11)	16.1		12 - 46
		Day 29	2020-08-04 12:15 (30)	19.1		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071094	Lymphocytes/Leukocytes (%)	Day 57	2020-08-31 15:05 (28)	18.5		12 - 46
	Monocytes (10^9/L)	Unscheduled	2020-06-25 (-11)	0.90		0 - 1.2
		Day 29	2020-08-04 12:15 (30)	0.53		0 - 1.2
		Day 57	2020-08-31 15:05 (28)	0.93		0 - 1.2
	Monocytes/Leukocytes (%)	Unscheduled	2020-06-25 (-11)	12.9 (H)		0 - 11
		Day 29	2020-08-04 12:15 (30)	7.5		0 - 11
		Day 57	2020-08-31 15:05 (28)	12.9 (H)		0 - 11
	Neutrophils (10^9/L)	Unscheduled	2020-06-25 (-11)	4.62		1.7 - 7.9
		Day 29	2020-08-04 12:15 (30)	4.78		1.7 - 7.9
		Day 57	2020-08-31 15:05 (28)	4.61		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Unscheduled	2020-06-25 (-11)	66.1		34 - 71
		Day 29	2020-08-04 12:15 (30)	67.8		34 - 71
		Day 57	2020-08-31 15:05 (28)	64.0		34 - 71
	Platelets (10^9/L)	Unscheduled	2020-06-25 (-11)	497 (H)		163 - 375
		Day 29	2020-08-04 12:15 (30)	537 (H)		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071094	Platelets (10^9/L)	Day 57	2020-08-31 15:05 (28)	332		163 - 375
US2071098	Basophils (10^9/L)	Screening	2020-06-24 15:02 (-7)	<0.03		0 - 0.3
		Day 57	2020-08-31 08:50 (27)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-24 15:02 (-7)	0.3		0 - 3
		Day 57	2020-08-31 08:50 (27)	0.4		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-24 15:02 (-7)	0.04		0 - 0.8
		Day 57	2020-08-31 08:50 (27)	0.05		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-24 15:02 (-7)	0.6		0 - 7
		Day 57	2020-08-31 08:50 (27)	1.1		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-24 15:02 (-7)	4.91		3.7 - 5.2
		Day 57	2020-08-31 08:50 (27)	4.23		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-24 15:02 (-7)	0.480 (H)		0.33 - 0.47

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071098	Hematocrit (L/L)	Day 57	2020-08-31 08:50 (27)	0.453		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-24 15:02 (-7)	153		110 - 155
		Day 57	2020-08-31 08:50 (27)	134	G2 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-24 15:02 (-7)	<0.03		0 - 0.07
		Day 57	2020-08-31 08:50 (27)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-24 15:02 (-7)	0.3		0 - 1
		Day 57	2020-08-31 08:50 (27)	0.4		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-24 15:02 (-7)	6.67		3.7 - 11
		Day 57	2020-08-31 08:50 (27)	4.47		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-24 15:02 (-7)	2.04		0.9 - 3.6
		Day 57	2020-08-31 08:50 (27)	1.29		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-24 15:02 (-7)	30.6		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071098	Lymphocytes/Leukocytes (%)	Day 57	2020-08-31 08:50 (27)	28.9		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-24 15:02 (-7)	0.55		0 - 1.2
		Day 57	2020-08-31 08:50 (27)	0.38		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-24 15:02 (-7)	8.2		0 - 11
		Day 57	2020-08-31 08:50 (27)	8.5		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-24 15:02 (-7)	4.00		1.7 - 7.9
		Day 57	2020-08-31 08:50 (27)	2.71		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-24 15:02 (-7)	60.0		34 - 71
		Day 57	2020-08-31 08:50 (27)	60.7		34 - 71
	Platelets (10^9/L)	Screening	2020-06-24 15:02 (-7)	271		163 - 375
		Day 57	2020-08-31 08:50 (27)	216		163 - 375
US2071100	Basophils (10^9/L)	Screening	2020-06-25 10:25 (-11)	0.05		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071100	Basophils (10^9/L)	Unscheduled	2020-06-30 11:08 (-6)	0.09		0 - 0.3
		Day 29	2020-08-04 10:22 (30)	0.04		0 - 0.3
		Unscheduled	2020-08-26 09:54 (23)	0.06		0 - 0.3
		Day 57	2020-09-03 10:49 (31)	0.07		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-25 10:25 (-11)	0.6		0 - 3
		Unscheduled	2020-06-30 11:08 (-6)	1.2		0 - 3
		Day 29	2020-08-04 10:22 (30)	0.5		0 - 3
		Unscheduled	2020-08-26 09:54 (23)	0.8		0 - 3
		Day 57	2020-09-03 10:49 (31)	0.9		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-25 10:25 (-11)	0.10		0 - 0.8
		Unscheduled	2020-06-30 11:08 (-6)	0.43		0 - 0.8
		Day 29	2020-08-04 10:22 (30)	0.13		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071100	Eosinophils (10^9/L)	Unscheduled	2020-08-26 09:54 (23)	0.15		0 - 0.8
		Day 57	2020-09-03 10:49 (31)	0.18		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-25 10:25 (-11)	1.2		0 - 7
		Unscheduled	2020-06-30 11:08 (-6)	5.6		0 - 7
		Day 29	2020-08-04 10:22 (30)	1.7		0 - 7
		Unscheduled	2020-08-26 09:54 (23)	1.9		0 - 7
		Day 57	2020-09-03 10:49 (31)	2.4		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-25 10:25 (-11)	5.53		4.63 - 6.08
		Unscheduled	2020-06-30 11:08 (-6)	5.02		4.63 - 6.08
		Day 29	2020-08-04 10:22 (30)	5.28		4.63 - 6.08
		Unscheduled	2020-08-26 09:54 (23)	5.27		4.63 - 6.08
		Day 57	2020-09-03 10:49 (31)	5.10		4.63 - 6.08

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071100	Hematocrit (L/L)	Screening	2020-06-25 10:25 (-11)	0.573 (H)		0.37 - 0.51
		Unscheduled	2020-06-30 11:08 (-6)	0.519 (H)		0.37 - 0.51
		Day 29	2020-08-04 10:22 (30)	0.556 (H)		0.37 - 0.51
		Unscheduled	2020-08-26 09:54 (23)	0.540 (H)		0.37 - 0.51
		Day 57	2020-09-03 10:49 (31)	0.527 (H)		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-25 10:25 (-11)	170		125 - 170
		Unscheduled	2020-06-30 11:08 (-6)	157		125 - 170
		Day 29	2020-08-04 10:22 (30)	163		125 - 170
		Unscheduled	2020-08-26 09:54 (23)	161		125 - 170
		Day 57	2020-09-03 10:49 (31)	158		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-25 10:25 (-11)	0.05		0 - 0.07
		Unscheduled	2020-06-30 11:08 (-6)	0.05		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071100	Immature Granulocytes (10^9/L)	Day 29	2020-08-04 10:22 (30)	<0.03		0 - 0.07
		Unscheduled	2020-08-26 09:54 (23)	0.03		0 - 0.07
		Day 57	2020-09-03 10:49 (31)	0.04		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-25 10:25 (-11)	0.6		0 - 1
		Unscheduled	2020-06-30 11:08 (-6)	0.7		0 - 1
		Day 29	2020-08-04 10:22 (30)	0.3		0 - 1
		Unscheduled	2020-08-26 09:54 (23)	0.4		0 - 1
		Day 57	2020-09-03 10:49 (31)	0.5		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-25 10:25 (-11)	8.37		3.7 - 11
		Unscheduled	2020-06-30 11:08 (-6)	7.63		3.7 - 11
		Day 29	2020-08-04 10:22 (30)	7.51		3.7 - 11
		Unscheduled	2020-08-26 09:54 (23)	7.70		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071100	Leukocytes (10^9/L)	Day 57	2020-09-03 10:49 (31)	7.48		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-25 10:25 (-11)	1.77		0.9 - 3.6
		Unscheduled	2020-06-30 11:08 (-6)	1.96		0.9 - 3.6
		Day 29	2020-08-04 10:22 (30)	1.83		0.9 - 3.6
		Unscheduled	2020-08-26 09:54 (23)	1.84		0.9 - 3.6
		Day 57	2020-09-03 10:49 (31)	1.81		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-25 10:25 (-11)	21.1		12 - 46
		Unscheduled	2020-06-30 11:08 (-6)	25.7		12 - 46
		Day 29	2020-08-04 10:22 (30)	24.4		12 - 46
		Unscheduled	2020-08-26 09:54 (23)	23.9		12 - 46
		Day 57	2020-09-03 10:49 (31)	24.2		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-25 10:25 (-11)	0.40		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071100	Monocytes (10^9/L)	Unscheduled	2020-06-30 11:08 (-6)	0.63		0 - 1.2
		Day 29	2020-08-04 10:22 (30)	0.43		0 - 1.2
		Unscheduled	2020-08-26 09:54 (23)	0.46		0 - 1.2
		Day 57	2020-09-03 10:49 (31)	0.37		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-25 10:25 (-11)	4.8		0 - 11
		Unscheduled	2020-06-30 11:08 (-6)	8.3		0 - 11
		Day 29	2020-08-04 10:22 (30)	5.7		0 - 11
		Unscheduled	2020-08-26 09:54 (23)	6.0		0 - 11
		Day 57	2020-09-03 10:49 (31)	4.9		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-25 10:25 (-11)	6.00		1.7 - 7.9
		Unscheduled	2020-06-30 11:08 (-6)	4.47		1.7 - 7.9
		Day 29	2020-08-04 10:22 (30)	5.06		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071100	Neutrophils (10^9/L)	Unscheduled	2020-08-26 09:54 (23)	5.16		1.7 - 7.9
		Day 57	2020-09-03 10:49 (31)	5.01		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-25 10:25 (-11)	71.7 (H)		34 - 71
		Unscheduled	2020-06-30 11:08 (-6)	58.5		34 - 71
		Day 29	2020-08-04 10:22 (30)	67.4		34 - 71
		Unscheduled	2020-08-26 09:54 (23)	67.0		34 - 71
		Day 57	2020-09-03 10:49 (31)	67.1		34 - 71
	Platelets (10^9/L)	Screening	2020-06-25 10:25 (-11)	271		163 - 375
		Unscheduled	2020-06-30 11:08 (-6)	246		163 - 375
		Day 29	2020-08-04 10:22 (30)	259		163 - 375
		Unscheduled	2020-08-26 09:54 (23)	255		163 - 375
		Day 57	2020-09-03 10:49 (31)	235		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071102	Basophils (10^9/L)	Screening	2020-06-25 16:08 (-4)	0.05		0 - 0.3
		Day 29	2020-07-28 13:53 (30)	0.06		0 - 0.3
		Day 57	2020-08-24 14:00 (28)	0.06		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-25 16:08 (-4)	0.9		0 - 3
		Day 29	2020-07-28 13:53 (30)	1.1		0 - 3
		Day 57	2020-08-24 14:00 (28)	1.0		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-25 16:08 (-4)	0.18		0 - 0.8
		Day 29	2020-07-28 13:53 (30)	0.11		0 - 0.8
		Day 57	2020-08-24 14:00 (28)	0.14		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-25 16:08 (-4)	3.1		0 - 7
		Day 29	2020-07-28 13:53 (30)	1.9		0 - 7
		Day 57	2020-08-24 14:00 (28)	2.4		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071102	Erythrocytes (10^12/L)	Screening	2020-06-25 16:08 (-4)	4.41		3.7 - 5.2
		Day 29	2020-07-28 13:53 (30)	4.35		3.7 - 5.2
		Day 57	2020-08-24 14:00 (28)	4.49		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-25 16:08 (-4)	0.428		0.33 - 0.47
		Day 29	2020-07-28 13:53 (30)	0.428		0.33 - 0.47
		Day 57	2020-08-24 14:00 (28)	0.447		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-25 16:08 (-4)	132		110 - 155
		Day 29	2020-07-28 13:53 (30)	131	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-24 14:00 (28)	135		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-25 16:08 (-4)	<0.03		0 - 0.07
		Day 29	2020-07-28 13:53 (30)	<0.03		0 - 0.07
		Day 57	2020-08-24 14:00 (28)	0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071102	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-25 16:08 (-4)	0.2		0 - 1
		Day 29	2020-07-28 13:53 (30)	0.4		0 - 1
		Day 57	2020-08-24 14:00 (28)	0.5		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-25 16:08 (-4)	5.85		3.7 - 11
		Day 29	2020-07-28 13:53 (30)	5.66		3.7 - 11
		Day 57	2020-08-24 14:00 (28)	5.94		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-25 16:08 (-4)	1.43		0.9 - 3.6
		Day 29	2020-07-28 13:53 (30)	1.47		0.9 - 3.6
		Day 57	2020-08-24 14:00 (28)	1.64		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-25 16:08 (-4)	24.4		12 - 46
		Day 29	2020-07-28 13:53 (30)	26.0		12 - 46
		Day 57	2020-08-24 14:00 (28)	27.6		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071102	Monocytes (10^9/L)	Screening	2020-06-25 16:08 (-4)	0.27		0 - 1.2
		Day 29	2020-07-28 13:53 (30)	0.29		0 - 1.2
		Day 57	2020-08-24 14:00 (28)	0.27		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-25 16:08 (-4)	4.6		0 - 11
		Day 29	2020-07-28 13:53 (30)	5.1		0 - 11
		Day 57	2020-08-24 14:00 (28)	4.5		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-25 16:08 (-4)	3.91		1.7 - 7.9
		Day 29	2020-07-28 13:53 (30)	3.71		1.7 - 7.9
		Day 57	2020-08-24 14:00 (28)	3.80		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-25 16:08 (-4)	66.8		34 - 71
		Day 29	2020-07-28 13:53 (30)	65.5		34 - 71
		Day 57	2020-08-24 14:00 (28)	64.0		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071102	Platelets (10^9/L)	Screening	2020-06-25 16:08 (-4)	225		163 - 375
		Day 29	2020-07-28 13:53 (30)	240		163 - 375
		Day 57	2020-08-24 14:00 (28)	239		163 - 375
US2071103	Basophils (10^9/L)	Screening	2020-06-26 15:16 (-6)	0.03		0 - 0.3
		Day 57	2020-09-11 12:30 (37)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-26 15:16 (-6)	0.4		0 - 3
		Day 57	2020-09-11 12:30 (37)	0.6		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-26 15:16 (-6)	0.18		0 - 0.8
		Day 57	2020-09-11 12:30 (37)	0.23		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-26 15:16 (-6)	2.5		0 - 7
		Day 57	2020-09-11 12:30 (37)	4.3		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-26 15:16 (-6)	4.37		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071103	Erythrocytes (10^12/L)	Day 57	2020-09-11 12:30 (37)	4.55		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-26 15:16 (-6)	0.470		0.33 - 0.47
		Day 57	2020-09-11 12:30 (37)	0.468		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-26 15:16 (-6)	137		110 - 155
		Day 57	2020-09-11 12:30 (37)	141		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-26 15:16 (-6)	<0.03		0 - 0.07
		Day 57	2020-09-11 12:30 (37)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-26 15:16 (-6)	0.3		0 - 1
		Day 57	2020-09-11 12:30 (37)	0.4		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-26 15:16 (-6)	7.22		3.7 - 11
		Day 57	2020-09-11 12:30 (37)	5.40		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-26 15:16 (-6)	1.43		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071103	Lymphocytes (10^9/L)	Day 57	2020-09-11 12:30 (37)	1.46		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-26 15:16 (-6)	19.8		12 - 46
		Day 57	2020-09-11 12:30 (37)	27.0		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-26 15:16 (-6)	0.41		0 - 1.2
		Day 57	2020-09-11 12:30 (37)	0.35		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-26 15:16 (-6)	5.7		0 - 11
		Day 57	2020-09-11 12:30 (37)	6.5		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-26 15:16 (-6)	5.15		1.7 - 7.9
		Day 57	2020-09-11 12:30 (37)	3.31		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-26 15:16 (-6)	71.3 (H)		34 - 71
		Day 57	2020-09-11 12:30 (37)	61.2		34 - 71
	Platelets (10^9/L)	Screening	2020-06-26 15:16 (-6)	177		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071103	Platelets (10^9/L)	Day 57	2020-09-11 12:30 (37)	279		163 - 375
US2071105	Basophils (10^9/L)	Screening	2020-06-30 09:04 (-6)	0.05		0 - 0.3
		Day 57	2020-09-09 12:41 (31)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-30 09:04 (-6)	1.1		0 - 3
		Day 57	2020-09-09 12:41 (31)	0.6		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-30 09:04 (-6)	0.10		0 - 0.8
		Day 57	2020-09-09 12:41 (31)	0.09		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-30 09:04 (-6)	2.2		0 - 7
		Day 57	2020-09-09 12:41 (31)	1.4		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-30 09:04 (-6)	5.86		4.63 - 6.08
		Day 57	2020-09-09 12:41 (31)	5.30		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-30 09:04 (-6)	0.583 (H)		0.37 - 0.51

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071105	Hematocrit (L/L)	Day 57	2020-09-09 12:41 (31)	0.504		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-30 09:04 (-6)	170		125 - 170
		Day 57	2020-09-09 12:41 (31)	158	G1 Hemoglobin Decreased	125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-30 09:04 (-6)	0.03		0 - 0.07
		Day 57	2020-09-09 12:41 (31)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-30 09:04 (-6)	0.6		0 - 1
		Day 57	2020-09-09 12:41 (31)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-30 09:04 (-6)	4.63		3.7 - 11
		Day 57	2020-09-09 12:41 (31)	6.21		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-30 09:04 (-6)	1.37		0.9 - 3.6
		Day 57	2020-09-09 12:41 (31)	1.44		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-30 09:04 (-6)	29.6		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071105	Lymphocytes/Leukocytes (%)	Day 57	2020-09-09 12:41 (31)	23.2		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-30 09:04 (-6)	0.43		0 - 1.2
		Day 57	2020-09-09 12:41 (31)	0.44		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-30 09:04 (-6)	9.3		0 - 11
		Day 57	2020-09-09 12:41 (31)	7.1		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-30 09:04 (-6)	2.65		1.7 - 7.9
		Day 57	2020-09-09 12:41 (31)	4.19		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-30 09:04 (-6)	57.2		34 - 71
		Day 57	2020-09-09 12:41 (31)	67.5		34 - 71
	Platelets (10^9/L)	Screening	2020-06-30 09:04 (-6)	158 (L)		163 - 375
		Day 57	2020-09-09 12:41 (31)	167		163 - 375
US2081004	Basophils (10^9/L)	Screening	2020-05-26 11:26 (-3)	<0.03		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081004	Basophils (10^9/L)	Day 29	2020-06-29 11:20 (32)	0.04		0 - 0.3
		Day 57	2020-07-27 10:12 (29)	0.05		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-26 11:26 (-3)	0.2		0 - 3
		Day 29	2020-06-29 11:20 (32)	0.6		0 - 3
		Day 57	2020-07-27 10:12 (29)	0.7		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-26 11:26 (-3)	<0.03		0 - 0.8
		Day 29	2020-06-29 11:20 (32)	0.05		0 - 0.8
		Day 57	2020-07-27 10:12 (29)	0.07		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-26 11:26 (-3)	0.1		0 - 7
		Day 29	2020-06-29 11:20 (32)	0.7		0 - 7
		Day 57	2020-07-27 10:12 (29)	1.0		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-26 11:26 (-3)	4.60		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081004	Erythrocytes (10^12/L)	Day 29	2020-06-29 11:20 (32)	4.35		3.7 - 5.2
		Day 57	2020-07-27 10:12 (29)	4.34		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-26 11:26 (-3)	0.464		0.33 - 0.47
		Day 29	2020-06-29 11:20 (32)	0.465		0.33 - 0.47
		Day 57	2020-07-27 10:12 (29)	0.454		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-26 11:26 (-3)	146		110 - 155
		Day 29	2020-06-29 11:20 (32)	141	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-07-27 10:12 (29)	140	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-26 11:26 (-3)	0.04		0 - 0.07
		Day 29	2020-06-29 11:20 (32)	<0.03		0 - 0.07
		Day 57	2020-07-27 10:12 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-26 11:26 (-3)	0.4		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081004	Immature Granulocytes/Leukocytes (%)	Day 29	2020-06-29 11:20 (32)	0.3		0 - 1
		Day 57	2020-07-27 10:12 (29)	0.1		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-26 11:26 (-3)	9.50		3.7 - 11
		Day 29	2020-06-29 11:20 (32)	7.19		3.7 - 11
		Day 57	2020-07-27 10:12 (29)	6.99		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-26 11:26 (-3)	1.27		0.9 - 3.6
		Day 29	2020-06-29 11:20 (32)	1.40		0.9 - 3.6
		Day 57	2020-07-27 10:12 (29)	1.36		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-26 11:26 (-3)	13.4		12 - 46
		Day 29	2020-06-29 11:20 (32)	19.5		12 - 46
		Day 57	2020-07-27 10:12 (29)	19.5		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-26 11:26 (-3)	0.60		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081004	Monocytes (10^9/L)	Day 29	2020-06-29 11:20 (32)	0.51		0 - 1.2
		Day 57	2020-07-27 10:12 (29)	0.52		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-26 11:26 (-3)	6.3		0 - 11
		Day 29	2020-06-29 11:20 (32)	7.1		0 - 11
		Day 57	2020-07-27 10:12 (29)	7.4		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-26 11:26 (-3)	7.56		1.7 - 7.9
		Day 29	2020-06-29 11:20 (32)	5.17		1.7 - 7.9
		Day 57	2020-07-27 10:12 (29)	4.98		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-26 11:26 (-3)	79.6 (H)		34 - 71
		Day 29	2020-06-29 11:20 (32)	71.8 (H)		34 - 71
		Day 57	2020-07-27 10:12 (29)	71.3 (H)		34 - 71
	Platelets (10^9/L)	Screening	2020-05-26 11:26 (-3)	373		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081004	Platelets (10^9/L)	Day 29	2020-06-29 11:20 (32)	391 (H)		163 - 375
		Day 57	2020-07-27 10:12 (29)	394 (H)		163 - 375
US2081005	Basophils (10^9/L)	Screening	2020-05-26 12:57 (-6)	0.07		0 - 0.3
		Day 29	2020-07-01 13:15 (31)	0.07		0 - 0.3
		Day 57	2020-07-28 12:15 (28)	0.06		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-26 12:57 (-6)	1.0		0 - 3
		Day 29	2020-07-01 13:15 (31)	0.9		0 - 3
		Day 57	2020-07-28 12:15 (28)	1.0		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-26 12:57 (-6)	0.08		0 - 0.8
		Day 29	2020-07-01 13:15 (31)	0.07		0 - 0.8
		Day 57	2020-07-28 12:15 (28)	0.09		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-26 12:57 (-6)	1.2		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081005	Eosinophils/Leukocytes (%)	Day 29	2020-07-01 13:15 (31)	0.9		0 - 7
		Day 57	2020-07-28 12:15 (28)	1.6		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-26 12:57 (-6)	4.49		3.7 - 5.2
		Day 29	2020-07-01 13:15 (31)	4.02		3.7 - 5.2
		Day 57	2020-07-28 12:15 (28)	4.24		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-26 12:57 (-6)	0.429		0.33 - 0.47
		Day 29	2020-07-01 13:15 (31)	0.379		0.33 - 0.47
		Day 57	2020-07-28 12:15 (28)	0.396		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-26 12:57 (-6)	137		110 - 155
		Day 29	2020-07-01 13:15 (31)	124	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-07-28 12:15 (28)	130	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-26 12:57 (-6)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081005	Immature Granulocytes (10^9/L)	Day 29	2020-07-01 13:15 (31)	<0.03		0 - 0.07
		Day 57	2020-07-28 12:15 (28)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-26 12:57 (-6)	0.3		0 - 1
		Day 29	2020-07-01 13:15 (31)	0.1		0 - 1
		Day 57	2020-07-28 12:15 (28)	0.0		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-26 12:57 (-6)	6.68		3.7 - 11
		Day 29	2020-07-01 13:15 (31)	7.45		3.7 - 11
		Day 57	2020-07-28 12:15 (28)	5.80		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-26 12:57 (-6)	2.67		0.9 - 3.6
		Day 29	2020-07-01 13:15 (31)	2.82		0.9 - 3.6
		Day 57	2020-07-28 12:15 (28)	2.63		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-26 12:57 (-6)	40.0		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081005	Lymphocytes/Leukocytes (%)	Day 29	2020-07-01 13:15 (31)	37.9		12 - 46
		Day 57	2020-07-28 12:15 (28)	45.3		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-26 12:57 (-6)	0.53		0 - 1.2
		Day 29	2020-07-01 13:15 (31)	0.58		0 - 1.2
		Day 57	2020-07-28 12:15 (28)	0.46		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-26 12:57 (-6)	7.9		0 - 11
		Day 29	2020-07-01 13:15 (31)	7.8		0 - 11
		Day 57	2020-07-28 12:15 (28)	7.9		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-26 12:57 (-6)	3.31		1.7 - 7.9
		Day 29	2020-07-01 13:15 (31)	3.90		1.7 - 7.9
		Day 57	2020-07-28 12:15 (28)	2.56		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-26 12:57 (-6)	49.6		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081005	Neutrophils/Leukocytes (%)	Day 29	2020-07-01 13:15 (31)	52.4		34 - 71
		Day 57	2020-07-28 12:15 (28)	44.2		34 - 71
	Platelets (10^9/L)	Screening	2020-05-26 12:57 (-6)	341		163 - 375
		Day 29	2020-07-01 13:15 (31)	327		163 - 375
		Day 57	2020-07-28 12:15 (28)	303		163 - 375
US2081007	Basophils (10^9/L)	Screening	2020-05-27 08:11 (-5)	0.03		0 - 0.3
		Day 29	2020-06-30 15:07 (30)	0.03		0 - 0.3
		Day 57	2020-07-28 07:10 (29)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-27 08:11 (-5)	0.6		0 - 3
		Day 29	2020-06-30 15:07 (30)	0.5		0 - 3
		Day 57	2020-07-28 07:10 (29)	0.6		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-27 08:11 (-5)	0.04		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081007	Eosinophils (10^9/L)	Day 29	2020-06-30 15:07 (30)	0.04		0 - 0.8
		Day 57	2020-07-28 07:10 (29)	0.07		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-27 08:11 (-5)	0.7		0 - 7
		Day 29	2020-06-30 15:07 (30)	0.7		0 - 7
		Day 57	2020-07-28 07:10 (29)	1.3		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-27 08:11 (-5)	4.41		3.7 - 5.2
		Day 29	2020-06-30 15:07 (30)	4.14		3.7 - 5.2
		Day 57	2020-07-28 07:10 (29)	4.12		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-27 08:11 (-5)	0.456		0.33 - 0.47
		Day 29	2020-06-30 15:07 (30)	0.428		0.33 - 0.47
		Day 57	2020-07-28 07:10 (29)	0.417		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-27 08:11 (-5)	146		110 - 155

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081007	Hemoglobin (g/L)	Day 29	2020-06-30 15:07 (30)	135	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-07-28 07:10 (29)	135	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-27 08:11 (-5)	<0.03		0 - 0.07
		Day 29	2020-06-30 15:07 (30)	<0.03		0 - 0.07
		Day 57	2020-07-28 07:10 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-27 08:11 (-5)	0.2		0 - 1
		Day 29	2020-06-30 15:07 (30)	0.2		0 - 1
		Day 57	2020-07-28 07:10 (29)	0.0		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-27 08:11 (-5)	5.37		3.7 - 11
		Day 29	2020-06-30 15:07 (30)	6.07		3.7 - 11
		Day 57	2020-07-28 07:10 (29)	5.27		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-27 08:11 (-5)	1.78		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081007	Lymphocytes (10^9/L)	Day 29	2020-06-30 15:07 (30)	2.00		0.9 - 3.6
		Day 57	2020-07-28 07:10 (29)	1.71		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-27 08:11 (-5)	33.1		12 - 46
		Day 29	2020-06-30 15:07 (30)	32.9		12 - 46
		Day 57	2020-07-28 07:10 (29)	32.4		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-27 08:11 (-5)	0.55		0 - 1.2
		Day 29	2020-06-30 15:07 (30)	0.42		0 - 1.2
		Day 57	2020-07-28 07:10 (29)	0.40		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-27 08:11 (-5)	10.2		0 - 11
		Day 29	2020-06-30 15:07 (30)	6.9		0 - 11
		Day 57	2020-07-28 07:10 (29)	7.6		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-27 08:11 (-5)	2.96		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081007	Neutrophils (10^9/L)	Day 29	2020-06-30 15:07 (30)	3.57		1.7 - 7.9
		Day 57	2020-07-28 07:10 (29)	3.06		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-27 08:11 (-5)	55.2		34 - 71
		Day 29	2020-06-30 15:07 (30)	58.8		34 - 71
		Day 57	2020-07-28 07:10 (29)	58.1		34 - 71
	Platelets (10^9/L)	Screening	2020-05-27 08:11 (-5)	243		163 - 375
		Day 29	2020-06-30 15:07 (30)	248		163 - 375
		Day 57	2020-07-28 07:10 (29)	218		163 - 375
US2081015	Basophils (10^9/L)	Screening	2020-05-27 13:40 (-5)	0.09		0 - 0.3
		Unscheduled	2020-07-09 08:45 (9)	0.06		0 - 0.3
		Day 57	2020-07-27 09:11 (27)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-27 13:40 (-5)	2.1		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081015	Basophils/Leukocytes (%)	Unscheduled	2020-07-09 08:45 (9)	1.8		0 - 3
		Day 57	2020-07-27 09:11 (27)	1.3		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-27 13:40 (-5)	0.52		0 - 0.8
		Unscheduled	2020-07-09 08:45 (9)	0.34		0 - 0.8
		Day 57	2020-07-27 09:11 (27)	0.25		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-27 13:40 (-5)	12.0 (H)		0 - 7
		Unscheduled	2020-07-09 08:45 (9)	10.3 (H)		0 - 7
		Day 57	2020-07-27 09:11 (27)	7.9 (H)		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-27 13:40 (-5)	4.24		3.7 - 5.2
		Unscheduled	2020-07-09 08:45 (9)	4.23		3.7 - 5.2
		Day 57	2020-07-27 09:11 (27)	4.04		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-27 13:40 (-5)	0.411		0.33 - 0.47

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081015	Hematocrit (L/L)	Unscheduled	2020-07-09 08:45 (9)	0.424		0.33 - 0.47
		Day 57	2020-07-27 09:11 (27)	0.401		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-27 13:40 (-5)	130		110 - 155
		Unscheduled	2020-07-09 08:45 (9)	131		110 - 155
		Day 57	2020-07-27 09:11 (27)	127	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-27 13:40 (-5)	<0.03		0 - 0.07
		Unscheduled	2020-07-09 08:45 (9)	<0.03		0 - 0.07
		Day 57	2020-07-27 09:11 (27)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-27 13:40 (-5)	0.2		0 - 1
		Unscheduled	2020-07-09 08:45 (9)	0.3		0 - 1
		Day 57	2020-07-27 09:11 (27)	0.0		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-27 13:40 (-5)	4.32		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081015	Leukocytes (10^9/L)	Unscheduled	2020-07-09 08:45 (9)	3.30 (L)	G1 WBC Decreased	3.7 - 11
		Day 57	2020-07-27 09:11 (27)	3.18 (L)	G1 WBC Decreased	3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-27 13:40 (-5)	1.83		0.9 - 3.6
		Unscheduled	2020-07-09 08:45 (9)	1.26		0.9 - 3.6
		Day 57	2020-07-27 09:11 (27)	1.19		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-27 13:40 (-5)	42.4		12 - 46
		Unscheduled	2020-07-09 08:45 (9)	38.2		12 - 46
		Day 57	2020-07-27 09:11 (27)	37.4		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-27 13:40 (-5)	0.41		0 - 1.2
		Unscheduled	2020-07-09 08:45 (9)	0.31		0 - 1.2
		Day 57	2020-07-27 09:11 (27)	0.27		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-27 13:40 (-5)	9.5		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081015	Monocytes/Leukocytes (%)	Unscheduled	2020-07-09 08:45 (9)	9.4		0 - 11
		Day 57	2020-07-27 09:11 (27)	8.5		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-27 13:40 (-5)	1.46 (L)	G2 Neutrophils Decreased	1.7 - 7.9
		Unscheduled	2020-07-09 08:45 (9)	1.32 (L)	G2 Neutrophils Decreased	1.7 - 7.9
		Day 57	2020-07-27 09:11 (27)	1.43 (L)	G2 Neutrophils Decreased	1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-27 13:40 (-5)	33.8 (L)		34 - 71
		Unscheduled	2020-07-09 08:45 (9)	40.0		34 - 71
		Day 57	2020-07-27 09:11 (27)	44.9		34 - 71
	Platelets (10^9/L)	Screening	2020-05-27 13:40 (-5)	255		163 - 375
		Unscheduled	2020-07-09 08:45 (9)	267		163 - 375
		Day 57	2020-07-27 09:11 (27)	246		163 - 375
US2081017	Basophils (10^9/L)	Screening	2020-05-28 07:48 (-5)	0.03		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081017	Basophils (10^9/L)	Day 29	2020-07-06 15:10 (35)	0.05		0 - 0.3
		Day 57	2020-08-06 13:58 (32)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-28 07:48 (-5)	0.7		0 - 3
		Day 29	2020-07-06 15:10 (35)	1.3		0 - 3
		Day 57	2020-08-06 13:58 (32)	0.6		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-28 07:48 (-5)	0.07		0 - 0.8
		Day 29	2020-07-06 15:10 (35)	0.05		0 - 0.8
		Day 57	2020-08-06 13:58 (32)	<0.03		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-28 07:48 (-5)	1.7		0 - 7
		Day 29	2020-07-06 15:10 (35)	1.3		0 - 7
		Day 57	2020-08-06 13:58 (32)	0.4		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-28 07:48 (-5)	4.40		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081017	Erythrocytes (10^12/L)	Day 29	2020-07-06 15:10 (35)	4.18		3.7 - 5.2
		Day 57	2020-08-06 13:58 (32)	4.29		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-28 07:48 (-5)	0.432		0.33 - 0.47
		Day 29	2020-07-06 15:10 (35)	0.407		0.33 - 0.47
		Day 57	2020-08-06 13:58 (32)	0.445		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-28 07:48 (-5)	135		110 - 155
		Day 29	2020-07-06 15:10 (35)	127	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-06 13:58 (32)	130	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-28 07:48 (-5)	<0.03		0 - 0.07
		Day 29	2020-07-06 15:10 (35)	<0.03		0 - 0.07
		Day 57	2020-08-06 13:58 (32)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-28 07:48 (-5)	0.2		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081017	Immature Granulocytes/Leukocytes (%)	Day 29	2020-07-06 15:10 (35)	0.3		0 - 1
		Day 57	2020-08-06 13:58 (32)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-28 07:48 (-5)	4.16		3.7 - 11
		Day 29	2020-07-06 15:10 (35)	3.89		3.7 - 11
		Day 57	2020-08-06 13:58 (32)	5.23		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-28 07:48 (-5)	1.25		0.9 - 3.6
		Day 29	2020-07-06 15:10 (35)	1.39		0.9 - 3.6
		Day 57	2020-08-06 13:58 (32)	1.30		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-28 07:48 (-5)	30.0		12 - 46
		Day 29	2020-07-06 15:10 (35)	35.7		12 - 46
		Day 57	2020-08-06 13:58 (32)	24.9		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-28 07:48 (-5)	0.41		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081017	Monocytes (10^9/L)	Day 29	2020-07-06 15:10 (35)	0.38		0 - 1.2
		Day 57	2020-08-06 13:58 (32)	0.30		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-28 07:48 (-5)	9.9		0 - 11
		Day 29	2020-07-06 15:10 (35)	9.8		0 - 11
		Day 57	2020-08-06 13:58 (32)	5.7		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-28 07:48 (-5)	2.39		1.7 - 7.9
		Day 29	2020-07-06 15:10 (35)	2.01		1.7 - 7.9
		Day 57	2020-08-06 13:58 (32)	3.57		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-28 07:48 (-5)	57.5		34 - 71
		Day 29	2020-07-06 15:10 (35)	51.6		34 - 71
		Day 57	2020-08-06 13:58 (32)	68.2		34 - 71
	Platelets (10^9/L)	Screening	2020-05-28 07:48 (-5)	231		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081017	Platelets (10^9/L)	Day 29	2020-07-06 15:10 (35)	194		163 - 375
		Day 57	2020-08-06 13:58 (32)	218		163 - 375
US2081029	Basophils (10^9/L)	Screening	2020-05-29 09:26 (-4)	0.08		0 - 0.3
		Day 29	2020-07-07 11:07 (36)	0.05		0 - 0.3
		Day 57	2020-08-06 14:20 (31)	0.05		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-29 09:26 (-4)	0.8		0 - 3
		Day 29	2020-07-07 11:07 (36)	0.8		0 - 3
		Day 57	2020-08-06 14:20 (31)	0.6		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-29 09:26 (-4)	0.33		0 - 0.8
		Day 29	2020-07-07 11:07 (36)	0.26		0 - 0.8
		Day 57	2020-08-06 14:20 (31)	0.20		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-29 09:26 (-4)	3.1		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081029	Eosinophils/Leukocytes (%)	Day 29	2020-07-07 11:07 (36)	4.0		0 - 7
		Day 57	2020-08-06 14:20 (31)	2.4		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-29 09:26 (-4)	4.72		4.63 - 6.08
		Day 29	2020-07-07 11:07 (36)	4.81		4.63 - 6.08
		Day 57	2020-08-06 14:20 (31)	4.72		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-05-29 09:26 (-4)	0.461		0.37 - 0.51
		Day 29	2020-07-07 11:07 (36)	0.472		0.37 - 0.51
		Day 57	2020-08-06 14:20 (31)	0.509		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-05-29 09:26 (-4)	148		125 - 170
		Day 29	2020-07-07 11:07 (36)	147	G1 Hemoglobin Decreased	125 - 170
		Day 57	2020-08-06 14:20 (31)	145	G1 Hemoglobin Decreased	125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-05-29 09:26 (-4)	0.07		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081029	Immature Granulocytes (10^9/L)	Day 29	2020-07-07 11:07 (36)	<0.03		0 - 0.07
		Day 57	2020-08-06 14:20 (31)	0.04		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-29 09:26 (-4)	0.7		0 - 1
		Day 29	2020-07-07 11:07 (36)	0.2		0 - 1
		Day 57	2020-08-06 14:20 (31)	0.5		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-29 09:26 (-4)	10.61		3.7 - 11
		Day 29	2020-07-07 11:07 (36)	6.54		3.7 - 11
		Day 57	2020-08-06 14:20 (31)	8.50		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-29 09:26 (-4)	1.64		0.9 - 3.6
		Day 29	2020-07-07 11:07 (36)	1.71		0.9 - 3.6
		Day 57	2020-08-06 14:20 (31)	2.07		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-29 09:26 (-4)	15.5		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081029	Lymphocytes/Leukocytes (%)	Day 29	2020-07-07 11:07 (36)	26.1		12 - 46
		Day 57	2020-08-06 14:20 (31)	24.4		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-29 09:26 (-4)	0.98		0 - 1.2
		Day 29	2020-07-07 11:07 (36)	0.58		0 - 1.2
		Day 57	2020-08-06 14:20 (31)	0.59		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-29 09:26 (-4)	9.2		0 - 11
		Day 29	2020-07-07 11:07 (36)	8.9		0 - 11
		Day 57	2020-08-06 14:20 (31)	6.9		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-29 09:26 (-4)	7.51		1.7 - 7.9
		Day 29	2020-07-07 11:07 (36)	3.93		1.7 - 7.9
		Day 57	2020-08-06 14:20 (31)	5.55		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-29 09:26 (-4)	70.7		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081029	Neutrophils/Leukocytes (%)	Day 29	2020-07-07 11:07 (36)	60.0		34 - 71
		Day 57	2020-08-06 14:20 (31)	65.2		34 - 71
	Platelets (10^9/L)	Screening	2020-05-29 09:26 (-4)	350		163 - 375
		Day 29	2020-07-07 11:07 (36)	278		163 - 375
		Day 57	2020-08-06 14:20 (31)	286		163 - 375
US2081030	Basophils (10^9/L)	Screening	2020-05-29 10:56 (-4)	<0.03		0 - 0.3
		Day 29	2020-07-06 09:15 (35)	<0.03		0 - 0.3
		Day 57	2020-08-03 08:15 (29)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-29 10:56 (-4)	0.6		0 - 3
		Day 29	2020-07-06 09:15 (35)	0.7		0 - 3
		Day 57	2020-08-03 08:15 (29)	0.3		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-29 10:56 (-4)	0.06		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081030	Eosinophils (10^9/L)	Day 29	2020-07-06 09:15 (35)	0.06		0 - 0.8
		Day 57	2020-08-03 08:15 (29)	0.10		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-29 10:56 (-4)	1.7		0 - 7
		Day 29	2020-07-06 09:15 (35)	2.0		0 - 7
		Day 57	2020-08-03 08:15 (29)	3.2		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-29 10:56 (-4)	4.28		3.7 - 5.2
		Day 29	2020-07-06 09:15 (35)	4.06		3.7 - 5.2
		Day 57	2020-08-03 08:15 (29)	3.72		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-29 10:56 (-4)	0.423		0.33 - 0.47
		Day 29	2020-07-06 09:15 (35)	0.425		0.33 - 0.47
		Day 57	2020-08-03 08:15 (29)	0.385		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-29 10:56 (-4)	131		110 - 155

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081030	Hemoglobin (g/L)	Day 29	2020-07-06 09:15 (35)	125	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-03 08:15 (29)	119	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-29 10:56 (-4)	<0.03		0 - 0.07
		Day 29	2020-07-06 09:15 (35)	<0.03		0 - 0.07
		Day 57	2020-08-03 08:15 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-29 10:56 (-4)	0.3		0 - 1
		Day 29	2020-07-06 09:15 (35)	0.3		0 - 1
		Day 57	2020-08-03 08:15 (29)	0.6		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-29 10:56 (-4)	3.47 (L)	G1 WBC Decreased	3.7 - 11
		Day 29	2020-07-06 09:15 (35)	3.05 (L)	G1 WBC Decreased	3.7 - 11
		Day 57	2020-08-03 08:15 (29)	3.14 (L)	G1 WBC Decreased	3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-29 10:56 (-4)	1.25		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081030	Lymphocytes (10^9/L)	Day 29	2020-07-06 09:15 (35)	1.17		0.9 - 3.6
		Day 57	2020-08-03 08:15 (29)	0.95	G1 Lymphocytes Decreased	0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-29 10:56 (-4)	36.0		12 - 46
		Day 29	2020-07-06 09:15 (35)	38.4		12 - 46
		Day 57	2020-08-03 08:15 (29)	30.3		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-29 10:56 (-4)	0.36		0 - 1.2
		Day 29	2020-07-06 09:15 (35)	0.36		0 - 1.2
		Day 57	2020-08-03 08:15 (29)	0.29		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-29 10:56 (-4)	10.4		0 - 11
		Day 29	2020-07-06 09:15 (35)	11.8 (H)		0 - 11
		Day 57	2020-08-03 08:15 (29)	9.2		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-29 10:56 (-4)	1.77	G1 Neutrophils Decreased	1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081030	Neutrophils (10^9/L)	Day 29	2020-07-06 09:15 (35)	1.43 (L)	G2 Neutrophils Decreased	1.7 - 7.9
		Day 57	2020-08-03 08:15 (29)	1.77	G1 Neutrophils Decreased	1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-29 10:56 (-4)	51.0		34 - 71
		Day 29	2020-07-06 09:15 (35)	46.8		34 - 71
		Day 57	2020-08-03 08:15 (29)	56.4		34 - 71
	Platelets (10^9/L)	Screening	2020-05-29 10:56 (-4)	207		163 - 375
		Day 29	2020-07-06 09:15 (35)	193		163 - 375
		Day 57	2020-08-03 08:15 (29)	161 (L)		163 - 375
US2081065	Basophils (10^9/L)	Screening	2020-06-11 09:10 (-15)	0.04		0 - 0.3
		Day 29	2020-07-24 07:10 (29)	0.04		0 - 0.3
		Day 57	2020-08-24 09:05 (32)	0.06		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-11 09:10 (-15)	1.0		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081065	Basophils/Leukocytes (%)	Day 29	2020-07-24 07:10 (29)	1.1		0 - 3
		Day 57	2020-08-24 09:05 (32)	1.5		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-11 09:10 (-15)	0.17		0 - 0.8
		Day 29	2020-07-24 07:10 (29)	0.14		0 - 0.8
		Day 57	2020-08-24 09:05 (32)	0.17		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-11 09:10 (-15)	4.3		0 - 7
		Day 29	2020-07-24 07:10 (29)	3.7		0 - 7
		Day 57	2020-08-24 09:05 (32)	4.1		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-11 09:10 (-15)	4.21		3.7 - 5.2
		Day 29	2020-07-24 07:10 (29)	4.29		3.7 - 5.2
		Day 57	2020-08-24 09:05 (32)	4.45		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-11 09:10 (-15)	0.428		0.33 - 0.47

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081065	Hematocrit (L/L)	Day 29	2020-07-24 07:10 (29)	0.439		0.33 - 0.47
		Day 57	2020-08-24 09:05 (32)	0.438		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-11 09:10 (-15)	136		110 - 155
		Day 29	2020-07-24 07:10 (29)	134	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-24 09:05 (32)	138		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-11 09:10 (-15)	<0.03		0 - 0.07
		Day 29	2020-07-24 07:10 (29)	<0.03		0 - 0.07
		Day 57	2020-08-24 09:05 (32)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-11 09:10 (-15)	0.3		0 - 1
		Day 29	2020-07-24 07:10 (29)	0.3		0 - 1
		Day 57	2020-08-24 09:05 (32)	0.0		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-11 09:10 (-15)	3.97		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081065	Leukocytes (10^9/L)	Day 29	2020-07-24 07:10 (29)	3.79		3.7 - 11
		Day 57	2020-08-24 09:05 (32)	4.12		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-11 09:10 (-15)	1.36		0.9 - 3.6
		Day 29	2020-07-24 07:10 (29)	1.60		0.9 - 3.6
		Day 57	2020-08-24 09:05 (32)	1.48		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-11 09:10 (-15)	34.3		12 - 46
		Day 29	2020-07-24 07:10 (29)	42.2		12 - 46
		Day 57	2020-08-24 09:05 (32)	35.9		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-11 09:10 (-15)	0.42		0 - 1.2
		Day 29	2020-07-24 07:10 (29)	0.38		0 - 1.2
		Day 57	2020-08-24 09:05 (32)	0.39		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-11 09:10 (-15)	10.6		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081065	Monocytes/Leukocytes (%)	Day 29	2020-07-24 07:10 (29)	10.0		0 - 11
		Day 57	2020-08-24 09:05 (32)	9.5		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-11 09:10 (-15)	1.97	G1 Neutrophils Decreased	1.7 - 7.9
		Day 29	2020-07-24 07:10 (29)	1.62 (L)	G1 Neutrophils Decreased	1.7 - 7.9
		Day 57	2020-08-24 09:05 (32)	2.02		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-11 09:10 (-15)	49.5		34 - 71
		Day 29	2020-07-24 07:10 (29)	42.7		34 - 71
		Day 57	2020-08-24 09:05 (32)	49.0		34 - 71
	Platelets (10^9/L)	Screening	2020-06-11 09:10 (-15)	267		163 - 375
		Day 29	2020-07-24 07:10 (29)	270		163 - 375
		Day 57	2020-08-24 09:05 (32)	284		163 - 375
US2081066	Basophils (10^9/L)	Screening	2020-06-11 12:01 (-15)	<0.03		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081066	Basophils (10^9/L)	Day 29	2020-07-24 09:11 (29)	<0.03		0 - 0.3
		Day 57	2020-08-25 09:46 (33)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-11 12:01 (-15)	0.3		0 - 3
		Day 29	2020-07-24 09:11 (29)	0.3		0 - 3
		Day 57	2020-08-25 09:46 (33)	0.5		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-11 12:01 (-15)	0.12		0 - 0.8
		Day 29	2020-07-24 09:11 (29)	0.10		0 - 0.8
		Day 57	2020-08-25 09:46 (33)	0.10		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-11 12:01 (-15)	1.8		0 - 7
		Day 29	2020-07-24 09:11 (29)	1.5		0 - 7
		Day 57	2020-08-25 09:46 (33)	1.6		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-11 12:01 (-15)	4.77		4.63 - 6.08

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081066	Erythrocytes (10^12/L)	Day 29	2020-07-24 09:11 (29)	4.78		4.63 - 6.08
		Day 57	2020-08-25 09:46 (33)	4.86		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-11 12:01 (-15)	0.465		0.37 - 0.51
		Day 29	2020-07-24 09:11 (29)	0.476		0.37 - 0.51
		Day 57	2020-08-25 09:46 (33)	0.484		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-11 12:01 (-15)	148		125 - 170
		Day 29	2020-07-24 09:11 (29)	146	G1 Hemoglobin Decreased	125 - 170
		Day 57	2020-08-25 09:46 (33)	147	G1 Hemoglobin Decreased	125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-11 12:01 (-15)	0.03		0 - 0.07
		Day 29	2020-07-24 09:11 (29)	0.04		0 - 0.07
		Day 57	2020-08-25 09:46 (33)	0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-11 12:01 (-15)	0.5		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081066	Immature Granulocytes/Leukocytes (%)	Day 29	2020-07-24 09:11 (29)	0.6		0 - 1
		Day 57	2020-08-25 09:46 (33)	0.5		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-11 12:01 (-15)	6.56		3.7 - 11
		Day 29	2020-07-24 09:11 (29)	6.81		3.7 - 11
		Day 57	2020-08-25 09:46 (33)	6.11		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-11 12:01 (-15)	1.44		0.9 - 3.6
		Day 29	2020-07-24 09:11 (29)	1.40		0.9 - 3.6
		Day 57	2020-08-25 09:46 (33)	1.43		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-11 12:01 (-15)	22.0		12 - 46
		Day 29	2020-07-24 09:11 (29)	20.6		12 - 46
		Day 57	2020-08-25 09:46 (33)	23.4		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-11 12:01 (-15)	0.48		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081066	Monocytes (10^9/L)	Day 29	2020-07-24 09:11 (29)	0.52		0 - 1.2
		Day 57	2020-08-25 09:46 (33)	0.49		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-11 12:01 (-15)	7.3		0 - 11
		Day 29	2020-07-24 09:11 (29)	7.6		0 - 11
		Day 57	2020-08-25 09:46 (33)	8.0		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-11 12:01 (-15)	4.47		1.7 - 7.9
		Day 29	2020-07-24 09:11 (29)	4.73		1.7 - 7.9
		Day 57	2020-08-25 09:46 (33)	4.03		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-11 12:01 (-15)	68.1		34 - 71
		Day 29	2020-07-24 09:11 (29)	69.4		34 - 71
		Day 57	2020-08-25 09:46 (33)	66.0		34 - 71
	Platelets (10^9/L)	Screening	2020-06-11 12:01 (-15)	260		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081066	Platelets (10^9/L)	Day 29	2020-07-24 09:11 (29)	274		163 - 375
		Day 57	2020-08-25 09:46 (33)	285		163 - 375
US2081073	Basophils (10^9/L)	Screening	2020-06-15 09:58 (-11)	<0.03		0 - 0.3
		Day 29	2020-07-24 11:10 (29)	<0.03		0 - 0.3
		Day 57	2020-08-21 09:42 (29)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-15 09:58 (-11)	0.4		0 - 3
		Day 29	2020-07-24 11:10 (29)	0.4		0 - 3
		Day 57	2020-08-21 09:42 (29)	0.7		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-15 09:58 (-11)	0.17		0 - 0.8
		Day 29	2020-07-24 11:10 (29)	0.17		0 - 0.8
		Day 57	2020-08-21 09:42 (29)	0.13		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-15 09:58 (-11)	3.5		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081073	Eosinophils/Leukocytes (%)	Day 29	2020-07-24 11:10 (29)	3.6		0 - 7
		Day 57	2020-08-21 09:42 (29)	3.0		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-15 09:58 (-11)	4.69		3.7 - 5.2
		Day 29	2020-07-24 11:10 (29)	4.26		3.7 - 5.2
		Day 57	2020-08-21 09:42 (29)	3.93		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-15 09:58 (-11)	0.439		0.33 - 0.47
		Day 29	2020-07-24 11:10 (29)	0.424		0.33 - 0.47
		Day 57	2020-08-21 09:42 (29)	0.376		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-15 09:58 (-11)	141		110 - 155
		Day 29	2020-07-24 11:10 (29)	128	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-21 09:42 (29)	118	G3 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-15 09:58 (-11)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081073	Immature Granulocytes (10^9/L)	Day 29	2020-07-24 11:10 (29)	<0.03		0 - 0.07
		Day 57	2020-08-21 09:42 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-15 09:58 (-11)	0.2		0 - 1
		Day 29	2020-07-24 11:10 (29)	0.2		0 - 1
		Day 57	2020-08-21 09:42 (29)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-15 09:58 (-11)	4.80		3.7 - 11
		Day 29	2020-07-24 11:10 (29)	4.75		3.7 - 11
		Day 57	2020-08-21 09:42 (29)	4.36		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-15 09:58 (-11)	2.28		0.9 - 3.6
		Day 29	2020-07-24 11:10 (29)	2.17		0.9 - 3.6
		Day 57	2020-08-21 09:42 (29)	1.82		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-15 09:58 (-11)	47.5 (H)		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081073	Lymphocytes/Leukocytes (%)	Day 29	2020-07-24 11:10 (29)	45.7		12 - 46
		Day 57	2020-08-21 09:42 (29)	41.7		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-15 09:58 (-11)	0.40		0 - 1.2
		Day 29	2020-07-24 11:10 (29)	0.34		0 - 1.2
		Day 57	2020-08-21 09:42 (29)	0.37		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-15 09:58 (-11)	8.3		0 - 11
		Day 29	2020-07-24 11:10 (29)	7.2		0 - 11
		Day 57	2020-08-21 09:42 (29)	8.5		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-15 09:58 (-11)	1.92	G1 Neutrophils Decreased	1.7 - 7.9
		Day 29	2020-07-24 11:10 (29)	2.04		1.7 - 7.9
		Day 57	2020-08-21 09:42 (29)	2.00	G1 Neutrophils Decreased	1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-15 09:58 (-11)	40.1		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081073	Neutrophils/Leukocytes (%)	Day 29	2020-07-24 11:10 (29)	42.9		34 - 71
		Day 57	2020-08-21 09:42 (29)	45.9		34 - 71
	Platelets (10^9/L)	Screening	2020-06-15 09:58 (-11)	287		163 - 375
		Day 29	2020-07-24 11:10 (29)	256		163 - 375
		Day 57	2020-08-21 09:42 (29)	264		163 - 375
US2081077	Basophils (10^9/L)	Screening	2020-06-16 14:10 (-14)	0.04		0 - 0.3
		Day 29	2020-08-03 11:10 (35)	0.05		0 - 0.3
		Day 57	2020-08-31 14:55 (29)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-16 14:10 (-14)	0.5		0 - 3
		Day 29	2020-08-03 11:10 (35)	0.7		0 - 3
		Day 57	2020-08-31 14:55 (29)	0.4		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-16 14:10 (-14)	0.08		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081077	Eosinophils (10^9/L)	Day 29	2020-08-03 11:10 (35)	0.06		0 - 0.8
		Day 57	2020-08-31 14:55 (29)	0.07		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-16 14:10 (-14)	1.0		0 - 7
		Day 29	2020-08-03 11:10 (35)	0.8		0 - 7
		Day 57	2020-08-31 14:55 (29)	1.0		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-16 14:10 (-14)	4.87		3.7 - 5.2
		Day 29	2020-08-03 11:10 (35)	4.53		3.7 - 5.2
		Day 57	2020-08-31 14:55 (29)	4.42		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-16 14:10 (-14)	0.472 (H)		0.33 - 0.47
		Day 29	2020-08-03 11:10 (35)	0.438		0.33 - 0.47
		Day 57	2020-08-31 14:55 (29)	0.429		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-16 14:10 (-14)	144		110 - 155

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081077	Hemoglobin (g/L)	Day 29	2020-08-03 11:10 (35)	136	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-31 14:55 (29)	133	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-16 14:10 (-14)	0.03		0 - 0.07
		Day 29	2020-08-03 11:10 (35)	<0.03		0 - 0.07
		Day 57	2020-08-31 14:55 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-16 14:10 (-14)	0.4		0 - 1
		Day 29	2020-08-03 11:10 (35)	0.3		0 - 1
		Day 57	2020-08-31 14:55 (29)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-16 14:10 (-14)	8.13		3.7 - 11
		Day 29	2020-08-03 11:10 (35)	7.26		3.7 - 11
		Day 57	2020-08-31 14:55 (29)	7.17		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-16 14:10 (-14)	2.06		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081077	Lymphocytes (10^9/L)	Day 29	2020-08-03 11:10 (35)	1.75		0.9 - 3.6
		Day 57	2020-08-31 14:55 (29)	1.83		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-16 14:10 (-14)	25.3		12 - 46
		Day 29	2020-08-03 11:10 (35)	24.1		12 - 46
		Day 57	2020-08-31 14:55 (29)	25.5		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-16 14:10 (-14)	0.62		0 - 1.2
		Day 29	2020-08-03 11:10 (35)	0.48		0 - 1.2
		Day 57	2020-08-31 14:55 (29)	0.47		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-16 14:10 (-14)	7.6		0 - 11
		Day 29	2020-08-03 11:10 (35)	6.6		0 - 11
		Day 57	2020-08-31 14:55 (29)	6.6		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-16 14:10 (-14)	5.30		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081077	Neutrophils (10^9/L)	Day 29	2020-08-03 11:10 (35)	4.90		1.7 - 7.9
		Day 57	2020-08-31 14:55 (29)	4.75		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-16 14:10 (-14)	65.2		34 - 71
		Day 29	2020-08-03 11:10 (35)	67.5		34 - 71
		Day 57	2020-08-31 14:55 (29)	66.2		34 - 71
	Platelets (10^9/L)	Screening	2020-06-16 14:10 (-14)	314		163 - 375
		Day 29	2020-08-03 11:10 (35)	314		163 - 375
		Day 57	2020-08-31 14:55 (29)	313		163 - 375
US2081080	Basophils (10^9/L)	Screening	2020-06-17 09:10 (-14)	<0.03		0 - 0.3
		Day 29	2020-07-31 09:26 (31)	<0.03		0 - 0.3
		Day 57	2020-08-28 08:37 (29)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-17 09:10 (-14)	0.4		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081080	Basophils/Leukocytes (%)	Day 29	2020-07-31 09:26 (31)	0.6		0 - 3
		Day 57	2020-08-28 08:37 (29)	0.8		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-17 09:10 (-14)	0.06		0 - 0.8
		Day 29	2020-07-31 09:26 (31)	0.07		0 - 0.8
		Day 57	2020-08-28 08:37 (29)	0.10		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-17 09:10 (-14)	1.3		0 - 7
		Day 29	2020-07-31 09:26 (31)	2.2		0 - 7
		Day 57	2020-08-28 08:37 (29)	2.8		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-17 09:10 (-14)	4.88		4.63 - 6.08
		Day 29	2020-07-31 09:26 (31)	4.63		4.63 - 6.08
		Day 57	2020-08-28 08:37 (29)	4.65		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-17 09:10 (-14)	0.488		0.37 - 0.51

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081080	Hematocrit (L/L)	Day 29	2020-07-31 09:26 (31)	0.446		0.37 - 0.51
		Day 57	2020-08-28 08:37 (29)	0.467		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-17 09:10 (-14)	154		125 - 170
		Day 29	2020-07-31 09:26 (31)	147	G1 Hemoglobin Decreased	125 - 170
		Day 57	2020-08-28 08:37 (29)	145	G1 Hemoglobin Decreased	125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-17 09:10 (-14)	<0.03		0 - 0.07
		Day 29	2020-07-31 09:26 (31)	<0.03		0 - 0.07
		Day 57	2020-08-28 08:37 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-17 09:10 (-14)	0.2		0 - 1
		Day 29	2020-07-31 09:26 (31)	0.3		0 - 1
		Day 57	2020-08-28 08:37 (29)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-17 09:10 (-14)	4.67		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081080	Leukocytes (10^9/L)	Day 29	2020-07-31 09:26 (31)	3.20 (L)	G1 WBC Decreased	3.7 - 11
		Day 57	2020-08-28 08:37 (29)	3.57 (L)		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-17 09:10 (-14)	1.03		0.9 - 3.6
		Day 29	2020-07-31 09:26 (31)	0.82 (L)	G1 Lymphocytes Decreased	0.9 - 3.6
		Day 57	2020-08-28 08:37 (29)	0.88 (L)	G1 Lymphocytes Decreased	0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-17 09:10 (-14)	22.1		12 - 46
		Day 29	2020-07-31 09:26 (31)	25.6		12 - 46
		Day 57	2020-08-28 08:37 (29)	24.6		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-17 09:10 (-14)	0.44		0 - 1.2
		Day 29	2020-07-31 09:26 (31)	0.33		0 - 1.2
		Day 57	2020-08-28 08:37 (29)	0.40		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-17 09:10 (-14)	9.4		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081080	Monocytes/Leukocytes (%)	Day 29	2020-07-31 09:26 (31)	10.3		0 - 11
		Day 57	2020-08-28 08:37 (29)	11.2 (H)		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-17 09:10 (-14)	3.11		1.7 - 7.9
		Day 29	2020-07-31 09:26 (31)	1.95	G1 Neutrophils Decreased	1.7 - 7.9
		Day 57	2020-08-28 08:37 (29)	2.15		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-17 09:10 (-14)	66.6		34 - 71
		Day 29	2020-07-31 09:26 (31)	61.0		34 - 71
		Day 57	2020-08-28 08:37 (29)	60.3		34 - 71
	Platelets (10^9/L)	Screening	2020-06-17 09:10 (-14)	208		163 - 375
		Day 29	2020-07-31 09:26 (31)	204		163 - 375
		Day 57	2020-08-28 08:37 (29)	209		163 - 375
US2081087	Basophils (10^9/L)	Screening	2020-06-18 12:03 (-12)	0.06		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081087	Basophils (10^9/L)	Day 29	2020-07-29 07:15 (30)	0.04		0 - 0.3
		Day 57	2020-08-26 12:38 (29)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-18 12:03 (-12)	1.5		0 - 3
		Day 29	2020-07-29 07:15 (30)	0.9		0 - 3
		Day 57	2020-08-26 12:38 (29)	0.6		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-18 12:03 (-12)	0.09		0 - 0.8
		Day 29	2020-07-29 07:15 (30)	0.18		0 - 0.8
		Day 57	2020-08-26 12:38 (29)	0.12		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-18 12:03 (-12)	2.2		0 - 7
		Day 29	2020-07-29 07:15 (30)	4.0		0 - 7
		Day 57	2020-08-26 12:38 (29)	2.4		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-18 12:03 (-12)	4.33		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081087	Erythrocytes (10^12/L)	Day 29	2020-07-29 07:15 (30)	3.94		3.7 - 5.2
		Day 57	2020-08-26 12:38 (29)	3.90		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-18 12:03 (-12)	0.432		0.33 - 0.47
		Day 29	2020-07-29 07:15 (30)	0.397		0.33 - 0.47
		Day 57	2020-08-26 12:38 (29)	0.382		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-18 12:03 (-12)	136		110 - 155
		Day 29	2020-07-29 07:15 (30)	123	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-26 12:38 (29)	121	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-18 12:03 (-12)	<0.03		0 - 0.07
		Day 29	2020-07-29 07:15 (30)	<0.03		0 - 0.07
		Day 57	2020-08-26 12:38 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-18 12:03 (-12)	0.2		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081087	Immature Granulocytes/Leukocytes (%)	Day 29	2020-07-29 07:15 (30)	0.0		0 - 1
		Day 57	2020-08-26 12:38 (29)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-18 12:03 (-12)	4.02		3.7 - 11
		Day 29	2020-07-29 07:15 (30)	4.51		3.7 - 11
		Day 57	2020-08-26 12:38 (29)	5.00		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-18 12:03 (-12)	1.46		0.9 - 3.6
		Day 29	2020-07-29 07:15 (30)	1.67		0.9 - 3.6
		Day 57	2020-08-26 12:38 (29)	1.48		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-18 12:03 (-12)	36.3		12 - 46
		Day 29	2020-07-29 07:15 (30)	37.0		12 - 46
		Day 57	2020-08-26 12:38 (29)	29.6		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-18 12:03 (-12)	0.38		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081087	Monocytes (10^9/L)	Day 29	2020-07-29 07:15 (30)	0.33		0 - 1.2
		Day 57	2020-08-26 12:38 (29)	0.38		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-18 12:03 (-12)	9.5		0 - 11
		Day 29	2020-07-29 07:15 (30)	7.3		0 - 11
		Day 57	2020-08-26 12:38 (29)	7.6		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-18 12:03 (-12)	2.02		1.7 - 7.9
		Day 29	2020-07-29 07:15 (30)	2.29		1.7 - 7.9
		Day 57	2020-08-26 12:38 (29)	2.98		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-18 12:03 (-12)	50.3		34 - 71
		Day 29	2020-07-29 07:15 (30)	50.8		34 - 71
		Day 57	2020-08-26 12:38 (29)	59.6		34 - 71
	Platelets (10^9/L)	Screening	2020-06-18 12:03 (-12)	301		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081087	Platelets (10^9/L)	Day 29	2020-07-29 07:15 (30)	336		163 - 375
		Day 57	2020-08-26 12:38 (29)	324		163 - 375
US2081097	Basophils (10^9/L)	Screening	2020-06-22 09:45 (-9)	0.03		0 - 0.3
		Day 29	2020-07-31 09:19 (31)	0.03		0 - 0.3
		Day 57	2020-08-28 09:31 (29)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-22 09:45 (-9)	0.5		0 - 3
		Day 29	2020-07-31 09:19 (31)	0.5		0 - 3
		Day 57	2020-08-28 09:31 (29)	0.7		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-22 09:45 (-9)	0.06		0 - 0.8
		Day 29	2020-07-31 09:19 (31)	0.07		0 - 0.8
		Day 57	2020-08-28 09:31 (29)	0.16		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-22 09:45 (-9)	1.0		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081097	Eosinophils/Leukocytes (%)	Day 29	2020-07-31 09:19 (31)	1.3		0 - 7
		Day 57	2020-08-28 09:31 (29)	2.9		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-22 09:45 (-9)	4.35		3.7 - 5.2
		Day 29	2020-07-31 09:19 (31)	4.37		3.7 - 5.2
		Day 57	2020-08-28 09:31 (29)	4.35		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-22 09:45 (-9)	0.432		0.33 - 0.47
		Day 29	2020-07-31 09:19 (31)	0.416		0.33 - 0.47
		Day 57	2020-08-28 09:31 (29)	0.420		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-22 09:45 (-9)	129		110 - 155
		Day 29	2020-07-31 09:19 (31)	127	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-28 09:31 (29)	127	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-22 09:45 (-9)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081097	Immature Granulocytes (10^9/L)	Day 29	2020-07-31 09:19 (31)	<0.03		0 - 0.07
		Day 57	2020-08-28 09:31 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-22 09:45 (-9)	0.0		0 - 1
		Day 29	2020-07-31 09:19 (31)	0.4		0 - 1
		Day 57	2020-08-28 09:31 (29)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-22 09:45 (-9)	5.90		3.7 - 11
		Day 29	2020-07-31 09:19 (31)	5.58		3.7 - 11
		Day 57	2020-08-28 09:31 (29)	5.55		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-22 09:45 (-9)	1.19		0.9 - 3.6
		Day 29	2020-07-31 09:19 (31)	1.24		0.9 - 3.6
		Day 57	2020-08-28 09:31 (29)	1.42		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-22 09:45 (-9)	20.2		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081097	Lymphocytes/Leukocytes (%)	Day 29	2020-07-31 09:19 (31)	22.2		12 - 46
		Day 57	2020-08-28 09:31 (29)	25.6		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-22 09:45 (-9)	0.65		0 - 1.2
		Day 29	2020-07-31 09:19 (31)	0.57		0 - 1.2
		Day 57	2020-08-28 09:31 (29)	0.58		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-22 09:45 (-9)	11.0		0 - 11
		Day 29	2020-07-31 09:19 (31)	10.2		0 - 11
		Day 57	2020-08-28 09:31 (29)	10.5		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-22 09:45 (-9)	3.97		1.7 - 7.9
		Day 29	2020-07-31 09:19 (31)	3.65		1.7 - 7.9
		Day 57	2020-08-28 09:31 (29)	3.34		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-22 09:45 (-9)	67.3		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081097	Neutrophils/Leukocytes (%)	Day 29	2020-07-31 09:19 (31)	65.4		34 - 71
		Day 57	2020-08-28 09:31 (29)	60.1		34 - 71
	Platelets (10^9/L)	Screening	2020-06-22 09:45 (-9)	290		163 - 375
		Day 29	2020-07-31 09:19 (31)	281		163 - 375
		Day 57	2020-08-28 09:31 (29)	271		163 - 375
US2081103	Basophils (10^9/L)	Screening	2020-06-23 09:53 (-9)	<0.03		0 - 0.3
		Day 29	2020-08-06 11:10 (36)	<0.03		0 - 0.3
		Day 57	2020-09-01 08:50 (27)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-23 09:53 (-9)	0.4		0 - 3
		Day 29	2020-08-06 11:10 (36)	0.4		0 - 3
		Day 57	2020-09-01 08:50 (27)	0.4		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-23 09:53 (-9)	<0.03		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081103	Eosinophils (10^9/L)	Day 29	2020-08-06 11:10 (36)	0.05		0 - 0.8
		Day 57	2020-09-01 08:50 (27)	0.05		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-23 09:53 (-9)	0.4		0 - 7
		Day 29	2020-08-06 11:10 (36)	1.0		0 - 7
		Day 57	2020-09-01 08:50 (27)	0.9		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-23 09:53 (-9)	4.60 (L)		4.63 - 6.08
		Day 29	2020-08-06 11:10 (36)	5.00		4.63 - 6.08
		Day 57	2020-09-01 08:50 (27)	5.26		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-23 09:53 (-9)	0.429		0.37 - 0.51
		Day 29	2020-08-06 11:10 (36)	0.511 (H)		0.37 - 0.51
		Day 57	2020-09-01 08:50 (27)	0.487		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-23 09:53 (-9)	135	G1 Hemoglobin Decreased	125 - 170

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081103	Hemoglobin (g/L)	Day 29	2020-08-06 11:10 (36)	146		125 - 170
		Day 57	2020-09-01 08:50 (27)	153		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-23 09:53 (-9)	<0.03		0 - 0.07
		Day 29	2020-08-06 11:10 (36)	<0.03		0 - 0.07
		Day 57	2020-09-01 08:50 (27)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-23 09:53 (-9)	0.0		0 - 1
		Day 29	2020-08-06 11:10 (36)	0.2		0 - 1
		Day 57	2020-09-01 08:50 (27)	0.0		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-23 09:53 (-9)	5.71		3.7 - 11
		Day 29	2020-08-06 11:10 (36)	4.92		3.7 - 11
		Day 57	2020-09-01 08:50 (27)	5.59		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-23 09:53 (-9)	1.02		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081103	Lymphocytes (10^9/L)	Day 29	2020-08-06 11:10 (36)	1.44		0.9 - 3.6
		Day 57	2020-09-01 08:50 (27)	1.42		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-23 09:53 (-9)	17.9		12 - 46
		Day 29	2020-08-06 11:10 (36)	29.3		12 - 46
		Day 57	2020-09-01 08:50 (27)	25.4		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-23 09:53 (-9)	0.40		0 - 1.2
		Day 29	2020-08-06 11:10 (36)	0.44		0 - 1.2
		Day 57	2020-09-01 08:50 (27)	0.51		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-23 09:53 (-9)	7.0		0 - 11
		Day 29	2020-08-06 11:10 (36)	8.9		0 - 11
		Day 57	2020-09-01 08:50 (27)	9.1		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-23 09:53 (-9)	4.25		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081103	Neutrophils (10^9/L)	Day 29	2020-08-06 11:10 (36)	2.96		1.7 - 7.9
		Day 57	2020-09-01 08:50 (27)	3.59		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-23 09:53 (-9)	74.3 (H)		34 - 71
		Day 29	2020-08-06 11:10 (36)	60.2		34 - 71
		Day 57	2020-09-01 08:50 (27)	64.2		34 - 71
	Platelets (10^9/L)	Screening	2020-06-23 09:53 (-9)	251		163 - 375
		Day 29	2020-08-06 11:10 (36)	291		163 - 375
		Day 57	2020-09-01 08:50 (27)	256		163 - 375
US2081104	Basophils (10^9/L)	Screening	2020-06-23 09:46 (-9)	0.04		0 - 0.3
		Day 29	2020-08-06 11:32 (36)	<0.03		0 - 0.3
		Day 57	2020-09-01 08:44 (27)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-23 09:46 (-9)	0.5		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081104	Basophils/Leukocytes (%)	Day 29	2020-08-06 11:32 (36)	0.3		0 - 3
		Day 57	2020-09-01 08:44 (27)	0.5		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-23 09:46 (-9)	0.05		0 - 0.8
		Day 29	2020-08-06 11:32 (36)	0.08		0 - 0.8
		Day 57	2020-09-01 08:44 (27)	0.10		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-23 09:46 (-9)	0.6		0 - 7
		Day 29	2020-08-06 11:32 (36)	1.2		0 - 7
		Day 57	2020-09-01 08:44 (27)	1.7		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-23 09:46 (-9)	4.74		3.7 - 5.2
		Day 29	2020-08-06 11:32 (36)	4.57		3.7 - 5.2
		Day 57	2020-09-01 08:44 (27)	4.78		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-23 09:46 (-9)	0.445		0.33 - 0.47

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081104	Hematocrit (L/L)	Day 29	2020-08-06 11:32 (36)	0.462		0.33 - 0.47
		Day 57	2020-09-01 08:44 (27)	0.455		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-23 09:46 (-9)	140		110 - 155
		Day 29	2020-08-06 11:32 (36)	136	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-09-01 08:44 (27)	141		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-23 09:46 (-9)	<0.03		0 - 0.07
		Day 29	2020-08-06 11:32 (36)	<0.03		0 - 0.07
		Day 57	2020-09-01 08:44 (27)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-23 09:46 (-9)	0.2		0 - 1
		Day 29	2020-08-06 11:32 (36)	0.3		0 - 1
		Day 57	2020-09-01 08:44 (27)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-23 09:46 (-9)	8.55		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081104	Leukocytes (10^9/L)	Day 29	2020-08-06 11:32 (36)	6.64		3.7 - 11
		Day 57	2020-09-01 08:44 (27)	6.02		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-23 09:46 (-9)	2.41		0.9 - 3.6
		Day 29	2020-08-06 11:32 (36)	2.29		0.9 - 3.6
		Day 57	2020-09-01 08:44 (27)	2.13		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-23 09:46 (-9)	28.2		12 - 46
		Day 29	2020-08-06 11:32 (36)	34.5		12 - 46
		Day 57	2020-09-01 08:44 (27)	35.4		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-23 09:46 (-9)	0.76		0 - 1.2
		Day 29	2020-08-06 11:32 (36)	0.53		0 - 1.2
		Day 57	2020-09-01 08:44 (27)	0.49		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-23 09:46 (-9)	8.9		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081104	Monocytes/Leukocytes (%)	Day 29	2020-08-06 11:32 (36)	8.0		0 - 11
		Day 57	2020-09-01 08:44 (27)	8.1		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-23 09:46 (-9)	5.27		1.7 - 7.9
		Day 29	2020-08-06 11:32 (36)	3.70		1.7 - 7.9
		Day 57	2020-09-01 08:44 (27)	3.26		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-23 09:46 (-9)	61.6		34 - 71
		Day 29	2020-08-06 11:32 (36)	55.7		34 - 71
		Day 57	2020-09-01 08:44 (27)	54.1		34 - 71
	Platelets (10^9/L)	Screening	2020-06-23 09:46 (-9)	271		163 - 375
		Day 29	2020-08-06 11:32 (36)	237		163 - 375
		Day 57	2020-09-01 08:44 (27)	252		163 - 375
US2081113	Basophils (10^9/L)	Screening	2020-06-24 09:19 (-14)	0.04		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081113	Basophils (10^9/L)	Day 29	2020-08-10 09:17 (34)	0.03		0 - 0.3
		Day 57	2020-09-08 08:29 (30)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-24 09:19 (-14)	0.9		0 - 3
		Day 29	2020-08-10 09:17 (34)	0.6		0 - 3
		Day 57	2020-09-08 08:29 (30)	0.8		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-24 09:19 (-14)	0.15		0 - 0.8
		Day 29	2020-08-10 09:17 (34)	0.19		0 - 0.8
		Day 57	2020-09-08 08:29 (30)	0.13		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-24 09:19 (-14)	3.4		0 - 7
		Day 29	2020-08-10 09:17 (34)	3.6		0 - 7
		Day 57	2020-09-08 08:29 (30)	2.6		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-24 09:19 (-14)	4.69		4.63 - 6.08

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081113	Erythrocytes (10^12/L)	Day 29	2020-08-10 09:17 (34)	4.58 (L)		4.63 - 6.08
		Day 57	2020-09-08 08:29 (30)	4.53 (L)		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-24 09:19 (-14)	0.506		0.37 - 0.51
		Day 29	2020-08-10 09:17 (34)	0.490		0.37 - 0.51
		Day 57	2020-09-08 08:29 (30)	0.482		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-24 09:19 (-14)	153		125 - 170
		Day 29	2020-08-10 09:17 (34)	148	G1 Hemoglobin Decreased	125 - 170
		Day 57	2020-09-08 08:29 (30)	148	G1 Hemoglobin Decreased	125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-24 09:19 (-14)	<0.03		0 - 0.07
		Day 29	2020-08-10 09:17 (34)	<0.03		0 - 0.07
		Day 57	2020-09-08 08:29 (30)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-24 09:19 (-14)	0.2		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081113	Immature Granulocytes/Leukocytes (%)	Day 29	2020-08-10 09:17 (34)	0.4		0 - 1
		Day 57	2020-09-08 08:29 (30)	0.4		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-24 09:19 (-14)	4.47		3.7 - 11
		Day 29	2020-08-10 09:17 (34)	5.32		3.7 - 11
		Day 57	2020-09-08 08:29 (30)	5.09		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-24 09:19 (-14)	1.34		0.9 - 3.6
		Day 29	2020-08-10 09:17 (34)	1.49		0.9 - 3.6
		Day 57	2020-09-08 08:29 (30)	1.42		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-24 09:19 (-14)	30.0		12 - 46
		Day 29	2020-08-10 09:17 (34)	28.0		12 - 46
		Day 57	2020-09-08 08:29 (30)	27.9		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-24 09:19 (-14)	0.51		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081113	Monocytes (10^9/L)	Day 29	2020-08-10 09:17 (34)	0.49		0 - 1.2
		Day 57	2020-09-08 08:29 (30)	0.48		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-24 09:19 (-14)	11.4 (H)		0 - 11
		Day 29	2020-08-10 09:17 (34)	9.2		0 - 11
		Day 57	2020-09-08 08:29 (30)	9.4		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-24 09:19 (-14)	2.42		1.7 - 7.9
		Day 29	2020-08-10 09:17 (34)	3.10		1.7 - 7.9
		Day 57	2020-09-08 08:29 (30)	3.00		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-24 09:19 (-14)	54.1		34 - 71
		Day 29	2020-08-10 09:17 (34)	58.2		34 - 71
		Day 57	2020-09-08 08:29 (30)	58.9		34 - 71
	Platelets (10^9/L)	Screening	2020-06-24 09:19 (-14)	216		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081113	Platelets (10^9/L)	Day 29	2020-08-10 09:17 (34)	219		163 - 375
		Day 57	2020-09-08 08:29 (30)	228		163 - 375
US2081119	Basophils (10^9/L)	Screening	2020-06-24 13:30 (-12)	<0.03		0 - 0.3
		Day 29	2020-08-11 07:10 (37)	0.03		0 - 0.3
		Day 57	2020-09-08 10:44 (29)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-24 13:30 (-12)	0.6		0 - 3
		Day 29	2020-08-11 07:10 (37)	1.1		0 - 3
		Day 57	2020-09-08 10:44 (29)	0.7		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-24 13:30 (-12)	<0.03		0 - 0.8
		Day 29	2020-08-11 07:10 (37)	0.03		0 - 0.8
		Day 57	2020-09-08 10:44 (29)	<0.03		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-24 13:30 (-12)	0.3		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081119	Eosinophils/Leukocytes (%)	Day 29	2020-08-11 07:10 (37)	1.1		0 - 7
		Day 57	2020-09-08 10:44 (29)	0.7		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-24 13:30 (-12)	4.92		3.7 - 5.2
		Day 29	2020-08-11 07:10 (37)	5.04		3.7 - 5.2
		Day 57	2020-09-08 10:44 (29)	4.72		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-24 13:30 (-12)	0.475 (H)		0.33 - 0.47
		Day 29	2020-08-11 07:10 (37)	0.497 (H)		0.33 - 0.47
		Day 57	2020-09-08 10:44 (29)	0.447		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-24 13:30 (-12)	152		110 - 155
		Day 29	2020-08-11 07:10 (37)	158 (H)		110 - 155
		Day 57	2020-09-08 10:44 (29)	145	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-24 13:30 (-12)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081119	Immature Granulocytes (10^9/L)	Day 29	2020-08-11 07:10 (37)	<0.03		0 - 0.07
		Day 57	2020-09-08 10:44 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-24 13:30 (-12)	0.3		0 - 1
		Day 29	2020-08-11 07:10 (37)	0.4		0 - 1
		Day 57	2020-09-08 10:44 (29)	0.0		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-24 13:30 (-12)	3.61 (L)		3.7 - 11
		Day 29	2020-08-11 07:10 (37)	2.66 (L)	G1 WBC Decreased	3.7 - 11
		Day 57	2020-09-08 10:44 (29)	3.07 (L)	G1 WBC Decreased	3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-24 13:30 (-12)	1.01		0.9 - 3.6
		Day 29	2020-08-11 07:10 (37)	0.87 (L)	G1 Lymphocytes Decreased	0.9 - 3.6
		Day 57	2020-09-08 10:44 (29)	1.08		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-24 13:30 (-12)	28.0		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081119	Lymphocytes/Leukocytes (%)	Day 29	2020-08-11 07:10 (37)	32.7		12 - 46
		Day 57	2020-09-08 10:44 (29)	35.2		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-24 13:30 (-12)	0.42		0 - 1.2
		Day 29	2020-08-11 07:10 (37)	0.32		0 - 1.2
		Day 57	2020-09-08 10:44 (29)	0.34		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-24 13:30 (-12)	11.6 (H)		0 - 11
		Day 29	2020-08-11 07:10 (37)	12.0 (H)		0 - 11
		Day 57	2020-09-08 10:44 (29)	11.1 (H)		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-24 13:30 (-12)	2.14		1.7 - 7.9
		Day 29	2020-08-11 07:10 (37)	1.40 (L)	G2 Neutrophils Decreased	1.7 - 7.9
		Day 57	2020-09-08 10:44 (29)	1.61 (L)	G1 Neutrophils Decreased	1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-24 13:30 (-12)	59.2		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081119	Neutrophils/Leukocytes (%)	Day 29	2020-08-11 07:10 (37)	52.7		34 - 71
		Day 57	2020-09-08 10:44 (29)	52.3		34 - 71
	Platelets (10^9/L)	Screening	2020-06-24 13:30 (-12)	198		163 - 375
		Day 29	2020-08-11 07:10 (37)	161 (L)		163 - 375
		Day 57	2020-09-08 10:44 (29)	225		163 - 375
US2081125	Basophils (10^9/L)	Screening	2020-06-25 10:39 (-7)	0.04		0 - 0.3
		Day 29	2020-08-03 13:15 (33)	0.03		0 - 0.3
		Day 57	2020-08-31 12:25 (29)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-25 10:39 (-7)	0.9		0 - 3
		Day 29	2020-08-03 13:15 (33)	0.7		0 - 3
		Day 57	2020-08-31 12:25 (29)	0.9		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-25 10:39 (-7)	0.12		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081125	Eosinophils (10^9/L)	Day 29	2020-08-03 13:15 (33)	0.07		0 - 0.8
		Day 57	2020-08-31 12:25 (29)	0.17		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-25 10:39 (-7)	2.6		0 - 7
		Day 29	2020-08-03 13:15 (33)	1.6		0 - 7
		Day 57	2020-08-31 12:25 (29)	3.8		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-25 10:39 (-7)	5.03		4.63 - 6.08
		Day 29	2020-08-03 13:15 (33)	4.99		4.63 - 6.08
		Day 57	2020-08-31 12:25 (29)	5.00		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-25 10:39 (-7)	0.485		0.37 - 0.51
		Day 29	2020-08-03 13:15 (33)	0.452		0.37 - 0.51
		Day 57	2020-08-31 12:25 (29)	0.467		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-25 10:39 (-7)	151		125 - 170

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081125	Hemoglobin (g/L)	Day 29	2020-08-03 13:15 (33)	150	G1 Hemoglobin Decreased	125 - 170
		Day 57	2020-08-31 12:25 (29)	150	G1 Hemoglobin Decreased	125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-25 10:39 (-7)	<0.03		0 - 0.07
		Day 29	2020-08-03 13:15 (33)	<0.03		0 - 0.07
		Day 57	2020-08-31 12:25 (29)	0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-25 10:39 (-7)	0.0		0 - 1
		Day 29	2020-08-03 13:15 (33)	0.2		0 - 1
		Day 57	2020-08-31 12:25 (29)	0.7		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-25 10:39 (-7)	4.68		3.7 - 11
		Day 29	2020-08-03 13:15 (33)	4.31		3.7 - 11
		Day 57	2020-08-31 12:25 (29)	4.42		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-25 10:39 (-7)	1.37		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081125	Lymphocytes (10^9/L)	Day 29	2020-08-03 13:15 (33)	1.21		0.9 - 3.6
		Day 57	2020-08-31 12:25 (29)	1.56		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-25 10:39 (-7)	29.3		12 - 46
		Day 29	2020-08-03 13:15 (33)	28.1		12 - 46
		Day 57	2020-08-31 12:25 (29)	35.3		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-25 10:39 (-7)	0.53		0 - 1.2
		Day 29	2020-08-03 13:15 (33)	0.45		0 - 1.2
		Day 57	2020-08-31 12:25 (29)	0.53		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-25 10:39 (-7)	11.3 (H)		0 - 11
		Day 29	2020-08-03 13:15 (33)	10.4		0 - 11
		Day 57	2020-08-31 12:25 (29)	12.0 (H)		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-25 10:39 (-7)	2.62		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081125	Neutrophils (10^9/L)	Day 29	2020-08-03 13:15 (33)	2.54		1.7 - 7.9
		Day 57	2020-08-31 12:25 (29)	2.09		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-25 10:39 (-7)	55.9		34 - 71
		Day 29	2020-08-03 13:15 (33)	59.0		34 - 71
		Day 57	2020-08-31 12:25 (29)	47.3		34 - 71
	Platelets (10^9/L)	Screening	2020-06-25 10:39 (-7)	225		163 - 375
		Day 29	2020-08-03 13:15 (33)	208		163 - 375
		Day 57	2020-08-31 12:25 (29)	220		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011012	Basophils (10^9/L)	Screening	2020-05-26 16:08 (-6)	<0.03		0 - 0.3
		Day 29	2020-06-30 14:05 (30)	<0.03		0 - 0.3
		Day 57	2020-07-31 14:03 (32)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-26 16:08 (-6)	0.0		0 - 3
		Day 29	2020-06-30 14:05 (30)	0.0		0 - 3
		Day 57	2020-07-31 14:03 (32)	0.0		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-26 16:08 (-6)	<0.03		0 - 0.8
		Day 29	2020-06-30 14:05 (30)	<0.03		0 - 0.8
		Day 57	2020-07-31 14:03 (32)	<0.03		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-26 16:08 (-6)	0.0		0 - 7
		Day 29	2020-06-30 14:05 (30)	0.0		0 - 7
		Day 57	2020-07-31 14:03 (32)	0.0		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011012	Erythrocytes (10^12/L)	Screening	2020-05-26 16:08 (-6)	4.24		3.7 - 5.2
		Day 29	2020-06-30 14:05 (30)	3.89		3.7 - 5.2
		Day 57	2020-07-31 14:03 (32)	3.90		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-26 16:08 (-6)	0.430		0.33 - 0.47
		Day 29	2020-06-30 14:05 (30)	0.396		0.33 - 0.47
		Day 57	2020-07-31 14:03 (32)	0.396		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-26 16:08 (-6)	134		110 - 155
		Day 29	2020-06-30 14:05 (30)	119	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-07-31 14:03 (32)	122	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-26 16:08 (-6)	<0.03		0 - 0.07
		Day 29	2020-06-30 14:05 (30)	<0.03		0 - 0.07
		Day 57	2020-07-31 14:03 (32)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011012	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-26 16:08 (-6)	0.1		0 - 1
		Day 29	2020-06-30 14:05 (30)	0.2		0 - 1
		Day 57	2020-07-31 14:03 (32)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-26 16:08 (-6)	6.91		3.7 - 11
		Day 29	2020-06-30 14:05 (30)	4.48		3.7 - 11
		Day 57	2020-07-31 14:03 (32)	5.19		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-26 16:08 (-6)	2.09		0.9 - 3.6
		Day 29	2020-06-30 14:05 (30)	1.69		0.9 - 3.6
		Day 57	2020-07-31 14:03 (32)	1.87		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-26 16:08 (-6)	30.2		12 - 46
		Day 29	2020-06-30 14:05 (30)	37.7		12 - 46
		Day 57	2020-07-31 14:03 (32)	36.0		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011012	Monocytes (10^9/L)	Screening	2020-05-26 16:08 (-6)	0.47		0 - 1.2
		Day 29	2020-06-30 14:05 (30)	0.36		0 - 1.2
		Day 57	2020-07-31 14:03 (32)	0.38		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-26 16:08 (-6)	6.8		0 - 11
		Day 29	2020-06-30 14:05 (30)	8.0		0 - 11
		Day 57	2020-07-31 14:03 (32)	7.3		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-26 16:08 (-6)	4.34		1.7 - 7.9
		Day 29	2020-06-30 14:05 (30)	2.42		1.7 - 7.9
		Day 57	2020-07-31 14:03 (32)	2.93		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-26 16:08 (-6)	62.9		34 - 71
		Day 29	2020-06-30 14:05 (30)	54.1		34 - 71
		Day 57	2020-07-31 14:03 (32)	56.5		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011012	Platelets (10^9/L)	Screening	2020-05-26 16:08 (-6)	299		163 - 375
		Day 29	2020-06-30 14:05 (30)	263		163 - 375
		Day 57	2020-07-31 14:03 (32)	260		163 - 375
US2011014	Basophils (10^9/L)	Screening	2020-05-26 16:21 (-6)	0.06		0 - 0.3
		Day 29	2020-06-29 07:34 (29)	0.06		0 - 0.3
		Day 57	2020-07-29 12:55 (31)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-26 16:21 (-6)	0.9		0 - 3
		Day 29	2020-06-29 07:34 (29)	1.3		0 - 3
		Day 57	2020-07-29 12:55 (31)	0.7		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-26 16:21 (-6)	0.22		0 - 0.8
		Day 29	2020-06-29 07:34 (29)	0.16		0 - 0.8
		Day 57	2020-07-29 12:55 (31)	0.20		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011014	Eosinophils/Leukocytes (%)	Screening	2020-05-26 16:21 (-6)	3.4		0 - 7
		Day 29	2020-06-29 07:34 (29)	3.5		0 - 7
		Day 57	2020-07-29 12:55 (31)	3.5		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-26 16:21 (-6)	4.61		3.7 - 5.2
		Day 29	2020-06-29 07:34 (29)	4.43		3.7 - 5.2
		Day 57	2020-07-29 12:55 (31)	4.39		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-26 16:21 (-6)	0.416		0.33 - 0.47
		Day 29	2020-06-29 07:34 (29)	0.419		0.33 - 0.47
		Day 57	2020-07-29 12:55 (31)	0.423		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-26 16:21 (-6)	129		110 - 155
		Day 29	2020-06-29 07:34 (29)	127	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-07-29 12:55 (31)	127	G1 Hemoglobin Decreased	110 - 155

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011014	Immature Granulocytes (10^9/L)	Screening	2020-05-26 16:21 (-6)	<0.03		0 - 0.07
		Day 29	2020-06-29 07:34 (29)	<0.03		0 - 0.07
		Day 57	2020-07-29 12:55 (31)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-26 16:21 (-6)	0.3		0 - 1
		Day 29	2020-06-29 07:34 (29)	0.0		0 - 1
		Day 57	2020-07-29 12:55 (31)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-26 16:21 (-6)	6.52		3.7 - 11
		Day 29	2020-06-29 07:34 (29)	4.58		3.7 - 11
		Day 57	2020-07-29 12:55 (31)	5.79		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-26 16:21 (-6)	1.78		0.9 - 3.6
		Day 29	2020-06-29 07:34 (29)	1.20		0.9 - 3.6
		Day 57	2020-07-29 12:55 (31)	1.29		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011014	Lymphocytes/Leukocytes (%)	Screening	2020-05-26 16:21 (-6)	27.3		12 - 46
		Day 29	2020-06-29 07:34 (29)	26.2		12 - 46
		Day 57	2020-07-29 12:55 (31)	22.3		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-26 16:21 (-6)	0.78		0 - 1.2
		Day 29	2020-06-29 07:34 (29)	0.54		0 - 1.2
		Day 57	2020-07-29 12:55 (31)	0.57		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-26 16:21 (-6)	12.0 (H)		0 - 11
		Day 29	2020-06-29 07:34 (29)	11.8 (H)		0 - 11
		Day 57	2020-07-29 12:55 (31)	9.8		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-26 16:21 (-6)	3.66		1.7 - 7.9
		Day 29	2020-06-29 07:34 (29)	2.62		1.7 - 7.9
		Day 57	2020-07-29 12:55 (31)	3.67		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011014	Neutrophils/Leukocytes (%)	Screening	2020-05-26 16:21 (-6)	56.1		34 - 71
		Day 29	2020-06-29 07:34 (29)	57.2		34 - 71
		Day 57	2020-07-29 12:55 (31)	63.4		34 - 71
	Platelets (10^9/L)	Screening	2020-05-26 16:21 (-6)	203		163 - 375
		Day 29	2020-06-29 07:34 (29)	194		163 - 375
		Day 57	2020-07-29 12:55 (31)	171		163 - 375
US2011032	Basophils (10^9/L)	Screening	2020-05-27 10:28 (-6)	0.05		0 - 0.3
		Day 29	2020-07-01 12:00 (30)	0.04		0 - 0.3
		Day 57	2020-07-29 13:12 (29)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-27 10:28 (-6)	1.1		0 - 3
		Day 29	2020-07-01 12:00 (30)	0.9		0 - 3
		Day 57	2020-07-29 13:12 (29)	0.9		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011032	Eosinophils (10^9/L)	Screening	2020-05-27 10:28 (-6)	0.14		0 - 0.8
		Day 29	2020-07-01 12:00 (30)	0.10		0 - 0.8
		Day 57	2020-07-29 13:12 (29)	0.13		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-27 10:28 (-6)	3.0		0 - 7
		Day 29	2020-07-01 12:00 (30)	2.1		0 - 7
		Day 57	2020-07-29 13:12 (29)	2.9		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-27 10:28 (-6)	5.49		4.63 - 6.08
		Day 29	2020-07-01 12:00 (30)	5.18		4.63 - 6.08
		Day 57	2020-07-29 13:12 (29)	5.19		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-05-27 10:28 (-6)	0.525 (H)		0.37 - 0.51
		Day 29	2020-07-01 12:00 (30)	0.502		0.37 - 0.51
		Day 57	2020-07-29 13:12 (29)	0.514 (H)		0.37 - 0.51

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011032	Hemoglobin (g/L)	Screening	2020-05-27 10:28 (-6)	167		125 - 170
		Day 29	2020-07-01 12:00 (30)	157	G1 Hemoglobin Decreased	125 - 170
		Day 57	2020-07-29 13:12 (29)	158	G1 Hemoglobin Decreased	125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-05-27 10:28 (-6)	<0.03		0 - 0.07
		Day 29	2020-07-01 12:00 (30)	<0.03		0 - 0.07
		Day 57	2020-07-29 13:12 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-27 10:28 (-6)	0.2		0 - 1
		Day 29	2020-07-01 12:00 (30)	0.2		0 - 1
		Day 57	2020-07-29 13:12 (29)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-27 10:28 (-6)	4.65		3.7 - 11
		Day 29	2020-07-01 12:00 (30)	4.68		3.7 - 11
		Day 57	2020-07-29 13:12 (29)	4.48		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011032	Lymphocytes (10^9/L)	Screening	2020-05-27 10:28 (-6)	1.48		0.9 - 3.6
		Day 29	2020-07-01 12:00 (30)	1.33		0.9 - 3.6
		Day 57	2020-07-29 13:12 (29)	1.18		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-27 10:28 (-6)	31.8		12 - 46
		Day 29	2020-07-01 12:00 (30)	28.4		12 - 46
		Day 57	2020-07-29 13:12 (29)	26.3		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-27 10:28 (-6)	0.41		0 - 1.2
		Day 29	2020-07-01 12:00 (30)	0.45		0 - 1.2
		Day 57	2020-07-29 13:12 (29)	0.35		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-27 10:28 (-6)	8.8		0 - 11
		Day 29	2020-07-01 12:00 (30)	9.6		0 - 11
		Day 57	2020-07-29 13:12 (29)	7.8		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011032	Neutrophils (10^9/L)	Screening	2020-05-27 10:28 (-6)	2.56		1.7 - 7.9
		Day 29	2020-07-01 12:00 (30)	2.75		1.7 - 7.9
		Day 57	2020-07-29 13:12 (29)	2.77		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-27 10:28 (-6)	55.1		34 - 71
		Day 29	2020-07-01 12:00 (30)	58.8		34 - 71
		Day 57	2020-07-29 13:12 (29)	61.9		34 - 71
	Platelets (10^9/L)	Screening	2020-05-27 10:28 (-6)	271		163 - 375
		Day 29	2020-07-01 12:00 (30)	274		163 - 375
		Day 57	2020-07-29 13:12 (29)	260		163 - 375
US2011040	Basophils (10^9/L)	Screening	2020-05-27 14:08 (-5)	<0.03		0 - 0.3
		Day 29	2020-06-29 09:23 (29)	<0.03		0 - 0.3
		Day 57	2020-07-28 09:45 (30)	<0.03		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011040	Basophils/Leukocytes (%)	Screening	2020-05-27 14:08 (-5)	0.4		0 - 3
		Day 29	2020-06-29 09:23 (29)	0.3		0 - 3
		Day 57	2020-07-28 09:45 (30)	0.6		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-27 14:08 (-5)	0.06		0 - 0.8
		Day 29	2020-06-29 09:23 (29)	0.03		0 - 0.8
		Day 57	2020-07-28 09:45 (30)	0.05		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-27 14:08 (-5)	1.2		0 - 7
		Day 29	2020-06-29 09:23 (29)	0.9		0 - 7
		Day 57	2020-07-28 09:45 (30)	1.4		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-27 14:08 (-5)	5.12		3.7 - 5.2
		Day 29	2020-06-29 09:23 (29)	4.54		3.7 - 5.2
		Day 57	2020-07-28 09:45 (30)	4.59		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011040	Hematocrit (L/L)	Screening	2020-05-27 14:08 (-5)	0.430		0.33 - 0.47
		Day 29	2020-06-29 09:23 (29)	0.398		0.33 - 0.47
		Day 57	2020-07-28 09:45 (30)	0.399		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-27 14:08 (-5)	136		110 - 155
		Day 29	2020-06-29 09:23 (29)	120	G2 Hemoglobin Decreased	110 - 155
		Day 57	2020-07-28 09:45 (30)	119	G2 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-27 14:08 (-5)	<0.03		0 - 0.07
		Day 29	2020-06-29 09:23 (29)	<0.03		0 - 0.07
		Day 57	2020-07-28 09:45 (30)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-27 14:08 (-5)	0.2		0 - 1
		Day 29	2020-06-29 09:23 (29)	0.3		0 - 1
		Day 57	2020-07-28 09:45 (30)	0.3		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011040	Leukocytes (10^9/L)	Screening	2020-05-27 14:08 (-5)	4.96		3.7 - 11
		Day 29	2020-06-29 09:23 (29)	3.35 (L)	G1 WBC Decreased	3.7 - 11
		Day 57	2020-07-28 09:45 (30)	3.56 (L)		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-27 14:08 (-5)	1.65		0.9 - 3.6
		Day 29	2020-06-29 09:23 (29)	1.39		0.9 - 3.6
		Day 57	2020-07-28 09:45 (30)	1.44		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-27 14:08 (-5)	33.3		12 - 46
		Day 29	2020-06-29 09:23 (29)	41.5		12 - 46
		Day 57	2020-07-28 09:45 (30)	40.4		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-27 14:08 (-5)	0.31		0 - 1.2
		Day 29	2020-06-29 09:23 (29)	0.27		0 - 1.2
		Day 57	2020-07-28 09:45 (30)	0.29		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011040	Monocytes/Leukocytes (%)	Screening	2020-05-27 14:08 (-5)	6.3		0 - 11
		Day 29	2020-06-29 09:23 (29)	8.1		0 - 11
		Day 57	2020-07-28 09:45 (30)	8.1		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-27 14:08 (-5)	2.91		1.7 - 7.9
		Day 29	2020-06-29 09:23 (29)	1.64 (L)	G1 Neutrophils Decreased	1.7 - 7.9
		Day 57	2020-07-28 09:45 (30)	1.75	G1 Neutrophils Decreased	1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-27 14:08 (-5)	58.6		34 - 71
		Day 29	2020-06-29 09:23 (29)	48.9		34 - 71
		Day 57	2020-07-28 09:45 (30)	49.2		34 - 71
	Platelets (10^9/L)	Screening	2020-05-27 14:08 (-5)	265		163 - 375
		Day 29	2020-06-29 09:23 (29)	232		163 - 375
		Day 57	2020-07-28 09:45 (30)	221		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011117	Basophils (10^9/L)	Screening	2020-06-12 15:55 (-14)	0.05		0 - 0.3
		Day 29	2020-07-24 08:20 (29)	0.06		0 - 0.3
		Day 57	2020-08-21 08:01 (29)	0.05		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-12 15:55 (-14)	1.0		0 - 3
		Day 29	2020-07-24 08:20 (29)	1.4		0 - 3
		Day 57	2020-08-21 08:01 (29)	1.1		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-12 15:55 (-14)	0.16		0 - 0.8
		Day 29	2020-07-24 08:20 (29)	0.19		0 - 0.8
		Day 57	2020-08-21 08:01 (29)	0.15		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-12 15:55 (-14)	3.1		0 - 7
		Day 29	2020-07-24 08:20 (29)	4.4		0 - 7
		Day 57	2020-08-21 08:01 (29)	3.4		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011117	Erythrocytes (10^12/L)	Screening	2020-06-12 15:55 (-14)	4.53 (L)		4.63 - 6.08
		Day 29	2020-07-24 08:20 (29)	4.39 (L)		4.63 - 6.08
		Day 57	2020-08-21 08:01 (29)	4.69		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-12 15:55 (-14)	0.455		0.37 - 0.51
		Day 29	2020-07-24 08:20 (29)	0.454		0.37 - 0.51
		Day 57	2020-08-21 08:01 (29)	0.480		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-12 15:55 (-14)	150		125 - 170
		Day 29	2020-07-24 08:20 (29)	146	G1 Hemoglobin Decreased	125 - 170
		Day 57	2020-08-21 08:01 (29)	153		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-12 15:55 (-14)	<0.03		0 - 0.07
		Day 29	2020-07-24 08:20 (29)	<0.03		0 - 0.07
		Day 57	2020-08-21 08:01 (29)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011117	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-12 15:55 (-14)	0.2		0 - 1
		Day 29	2020-07-24 08:20 (29)	0.2		0 - 1
		Day 57	2020-08-21 08:01 (29)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-12 15:55 (-14)	5.24		3.7 - 11
		Day 29	2020-07-24 08:20 (29)	4.32		3.7 - 11
		Day 57	2020-08-21 08:01 (29)	4.46		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-12 15:55 (-14)	1.63		0.9 - 3.6
		Day 29	2020-07-24 08:20 (29)	1.34		0.9 - 3.6
		Day 57	2020-08-21 08:01 (29)	1.20		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-12 15:55 (-14)	31.1		12 - 46
		Day 29	2020-07-24 08:20 (29)	31.0		12 - 46
		Day 57	2020-08-21 08:01 (29)	26.9		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011117	Monocytes (10^9/L)	Screening	2020-06-12 15:55 (-14)	0.47		0 - 1.2
		Day 29	2020-07-24 08:20 (29)	0.40		0 - 1.2
		Day 57	2020-08-21 08:01 (29)	0.39		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-12 15:55 (-14)	9.0		0 - 11
		Day 29	2020-07-24 08:20 (29)	9.3		0 - 11
		Day 57	2020-08-21 08:01 (29)	8.7		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-12 15:55 (-14)	2.92		1.7 - 7.9
		Day 29	2020-07-24 08:20 (29)	2.32		1.7 - 7.9
		Day 57	2020-08-21 08:01 (29)	2.66		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-12 15:55 (-14)	55.6		34 - 71
		Day 29	2020-07-24 08:20 (29)	53.7		34 - 71
		Day 57	2020-08-21 08:01 (29)	59.7		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011117	Platelets (10^9/L)	Screening	2020-06-12 15:55 (-14)	183		163 - 375
		Day 29	2020-07-24 08:20 (29)	190		163 - 375
		Day 57	2020-08-21 08:01 (29)	207		163 - 375
US2011123	Basophils (10^9/L)	Screening	2020-06-17 12:55 (-9)	0.05		0 - 0.3
		Day 29	2020-07-24 15:25 (29)	0.07		0 - 0.3
		Day 57	2020-08-21 13:49 (29)	0.06		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-17 12:55 (-9)	1.0		0 - 3
		Day 29	2020-07-24 15:25 (29)	1.3		0 - 3
		Day 57	2020-08-21 13:49 (29)	1.2		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-17 12:55 (-9)	0.09		0 - 0.8
		Day 29	2020-07-24 15:25 (29)	0.12		0 - 0.8
		Day 57	2020-08-21 13:49 (29)	0.13		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011123	Eosinophils/Leukocytes (%)	Screening	2020-06-17 12:55 (-9)	1.8		0 - 7
		Day 29	2020-07-24 15:25 (29)	2.2		0 - 7
		Day 57	2020-08-21 13:49 (29)	2.5		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-17 12:55 (-9)	5.15		4.63 - 6.08
		Day 29	2020-07-24 15:25 (29)	4.81		4.63 - 6.08
		Day 57	2020-08-21 13:49 (29)	4.95		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-17 12:55 (-9)	0.505		0.37 - 0.51
		Day 29	2020-07-24 15:25 (29)	0.467		0.37 - 0.51
		Day 57	2020-08-21 13:49 (29)	0.479		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-17 12:55 (-9)	151		125 - 170
		Day 29	2020-07-24 15:25 (29)	142	G1 Hemoglobin Decreased	125 - 170
		Day 57	2020-08-21 13:49 (29)	145	G1 Hemoglobin Decreased	125 - 170

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011123	Immature Granulocytes (10^9/L)	Screening	2020-06-17 12:55 (-9)	<0.03		0 - 0.07
		Day 29	2020-07-24 15:25 (29)	<0.03		0 - 0.07
		Day 57	2020-08-21 13:49 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-17 12:55 (-9)	0.2		0 - 1
		Day 29	2020-07-24 15:25 (29)	0.4		0 - 1
		Day 57	2020-08-21 13:49 (29)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-17 12:55 (-9)	4.99		3.7 - 11
		Day 29	2020-07-24 15:25 (29)	5.43		3.7 - 11
		Day 57	2020-08-21 13:49 (29)	5.12		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-17 12:55 (-9)	1.17		0.9 - 3.6
		Day 29	2020-07-24 15:25 (29)	1.35		0.9 - 3.6
		Day 57	2020-08-21 13:49 (29)	1.25		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011123	Lymphocytes/Leukocytes (%)	Screening	2020-06-17 12:55 (-9)	23.4		12 - 46
		Day 29	2020-07-24 15:25 (29)	24.9		12 - 46
		Day 57	2020-08-21 13:49 (29)	24.4		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-17 12:55 (-9)	0.47		0 - 1.2
		Day 29	2020-07-24 15:25 (29)	0.37		0 - 1.2
		Day 57	2020-08-21 13:49 (29)	0.53		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-17 12:55 (-9)	9.4		0 - 11
		Day 29	2020-07-24 15:25 (29)	6.8		0 - 11
		Day 57	2020-08-21 13:49 (29)	10.4		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-17 12:55 (-9)	3.20		1.7 - 7.9
		Day 29	2020-07-24 15:25 (29)	3.50		1.7 - 7.9
		Day 57	2020-08-21 13:49 (29)	3.14		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011123	Neutrophils/Leukocytes (%)	Screening	2020-06-17 12:55 (-9)	64.2		34 - 71
		Day 29	2020-07-24 15:25 (29)	64.4		34 - 71
		Day 57	2020-08-21 13:49 (29)	61.3		34 - 71
	Platelets (10^9/L)	Screening	2020-06-17 12:55 (-9)	188		163 - 375
		Day 29	2020-07-24 15:25 (29)	184		163 - 375
		Day 57	2020-08-21 13:49 (29)	208		163 - 375
US2011125	Basophils (10^9/L)	Screening	2020-06-17 15:16 (-15)	0.04		0 - 0.3
		Day 29	2020-07-29 14:22 (28)	0.03		0 - 0.3
		Day 57	2020-08-28 08:18 (31)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-17 15:16 (-15)	1.0		0 - 3
		Day 29	2020-07-29 14:22 (28)	0.7		0 - 3
		Day 57	2020-08-28 08:18 (31)	1.0		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011125	Eosinophils (10^9/L)	Screening	2020-06-17 15:16 (-15)	0.07		0 - 0.8
		Day 29	2020-07-29 14:22 (28)	0.06		0 - 0.8
		Day 57	2020-08-28 08:18 (31)	0.07		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-17 15:16 (-15)	1.7		0 - 7
		Day 29	2020-07-29 14:22 (28)	1.4		0 - 7
		Day 57	2020-08-28 08:18 (31)	2.3		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-17 15:16 (-15)	4.12		3.7 - 5.2
		Day 29	2020-07-29 14:22 (28)	3.89		3.7 - 5.2
		Day 57	2020-08-28 08:18 (31)	3.93		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-17 15:16 (-15)	0.427		0.33 - 0.47
		Day 29	2020-07-29 14:22 (28)	0.403		0.33 - 0.47
		Day 57	2020-08-28 08:18 (31)	0.422		0.33 - 0.47

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011125	Hemoglobin (g/L)	Screening	2020-06-17 15:16 (-15)	129		110 - 155
		Day 29	2020-07-29 14:22 (28)	126	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-28 08:18 (31)	123	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-17 15:16 (-15)	<0.03		0 - 0.07
		Day 29	2020-07-29 14:22 (28)	<0.03		0 - 0.07
		Day 57	2020-08-28 08:18 (31)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-17 15:16 (-15)	0.2		0 - 1
		Day 29	2020-07-29 14:22 (28)	0.2		0 - 1
		Day 57	2020-08-28 08:18 (31)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-17 15:16 (-15)	4.18		3.7 - 11
		Day 29	2020-07-29 14:22 (28)	4.17		3.7 - 11
		Day 57	2020-08-28 08:18 (31)	3.03 (L)	G1 WBC Decreased	3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011125	Lymphocytes (10^9/L)	Screening	2020-06-17 15:16 (-15)	1.03		0.9 - 3.6
		Day 29	2020-07-29 14:22 (28)	1.10		0.9 - 3.6
		Day 57	2020-08-28 08:18 (31)	1.12		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-17 15:16 (-15)	24.6		12 - 46
		Day 29	2020-07-29 14:22 (28)	26.4		12 - 46
		Day 57	2020-08-28 08:18 (31)	37.0		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-17 15:16 (-15)	0.32		0 - 1.2
		Day 29	2020-07-29 14:22 (28)	0.33		0 - 1.2
		Day 57	2020-08-28 08:18 (31)	0.23		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-17 15:16 (-15)	7.7		0 - 11
		Day 29	2020-07-29 14:22 (28)	7.9		0 - 11
		Day 57	2020-08-28 08:18 (31)	7.6		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011125	Neutrophils (10^9/L)	Screening	2020-06-17 15:16 (-15)	2.71		1.7 - 7.9
		Day 29	2020-07-29 14:22 (28)	2.64		1.7 - 7.9
		Day 57	2020-08-28 08:18 (31)	1.57 (L)	G1 Neutrophils Decreased	1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-17 15:16 (-15)	64.8		34 - 71
		Day 29	2020-07-29 14:22 (28)	63.4		34 - 71
		Day 57	2020-08-28 08:18 (31)	51.8		34 - 71
	Platelets (10^9/L)	Screening	2020-06-17 15:16 (-15)	207		163 - 375
		Day 29	2020-07-29 14:22 (28)	222		163 - 375
		Day 57	2020-08-28 08:18 (31)	199		163 - 375
US2011127	Basophils (10^9/L)	Screening	2020-06-18 10:14 (-8)	0.03		0 - 0.3
		Day 29	2020-07-24 12:10 (29)	0.03		0 - 0.3
		Day 57	2020-08-21 14:16 (29)	0.04		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011127	Basophils/Leukocytes (%)	Screening	2020-06-18 10:14 (-8)	0.5		0 - 3
		Day 29	2020-07-24 12:10 (29)	0.7		0 - 3
		Day 57	2020-08-21 14:16 (29)	0.7		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-18 10:14 (-8)	0.31		0 - 0.8
		Day 29	2020-07-24 12:10 (29)	0.28		0 - 0.8
		Day 57	2020-08-21 14:16 (29)	0.31		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-18 10:14 (-8)	5.6		0 - 7
		Day 29	2020-07-24 12:10 (29)	6.4		0 - 7
		Day 57	2020-08-21 14:16 (29)	5.7		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-18 10:14 (-8)	4.22 (L)		4.63 - 6.08
		Day 29	2020-07-24 12:10 (29)	4.24 (L)		4.63 - 6.08
		Day 57	2020-08-21 14:16 (29)	4.13 (L)		4.63 - 6.08

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011127	Hematocrit (L/L)	Screening	2020-06-18 10:14 (-8)	0.419		0.37 - 0.51
		Day 29	2020-07-24 12:10 (29)	0.425		0.37 - 0.51
		Day 57	2020-08-21 14:16 (29)	0.407		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-18 10:14 (-8)	133	G1 Hemoglobin Decreased	125 - 170
		Day 29	2020-07-24 12:10 (29)	132	G1 Hemoglobin Decreased	125 - 170
		Day 57	2020-08-21 14:16 (29)	129	G1 Hemoglobin Decreased	125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-18 10:14 (-8)	<0.03		0 - 0.07
		Day 29	2020-07-24 12:10 (29)	<0.03		0 - 0.07
		Day 57	2020-08-21 14:16 (29)	0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-18 10:14 (-8)	0.2		0 - 1
		Day 29	2020-07-24 12:10 (29)	0.2		0 - 1
		Day 57	2020-08-21 14:16 (29)	0.6		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011127	Leukocytes (10^9/L)	Screening	2020-06-18 10:14 (-8)	5.51		3.7 - 11
		Day 29	2020-07-24 12:10 (29)	4.37		3.7 - 11
		Day 57	2020-08-21 14:16 (29)	5.44		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-18 10:14 (-8)	1.73		0.9 - 3.6
		Day 29	2020-07-24 12:10 (29)	1.95		0.9 - 3.6
		Day 57	2020-08-21 14:16 (29)	1.91		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-18 10:14 (-8)	31.4		12 - 46
		Day 29	2020-07-24 12:10 (29)	44.6		12 - 46
		Day 57	2020-08-21 14:16 (29)	35.1		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-18 10:14 (-8)	0.50		0 - 1.2
		Day 29	2020-07-24 12:10 (29)	0.42		0 - 1.2
		Day 57	2020-08-21 14:16 (29)	0.45		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011127	Monocytes/Leukocytes (%)	Screening	2020-06-18 10:14 (-8)	9.1		0 - 11
		Day 29	2020-07-24 12:10 (29)	9.6		0 - 11
		Day 57	2020-08-21 14:16 (29)	8.3		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-18 10:14 (-8)	2.93		1.7 - 7.9
		Day 29	2020-07-24 12:10 (29)	1.68 (L)	G1 Neutrophils Decreased	1.7 - 7.9
		Day 57	2020-08-21 14:16 (29)	2.70		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-18 10:14 (-8)	53.2		34 - 71
		Day 29	2020-07-24 12:10 (29)	38.5		34 - 71
		Day 57	2020-08-21 14:16 (29)	49.6		34 - 71
	Platelets (10^9/L)	Screening	2020-06-18 10:14 (-8)	224		163 - 375
		Day 29	2020-07-24 12:10 (29)	202		163 - 375
		Day 57	2020-08-21 14:16 (29)	221		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011137	Basophils (10^9/L)	Screening	2020-06-22 08:13 (-4)	0.04		0 - 0.3
		Day 29	2020-07-24 07:50 (29)	0.03		0 - 0.3
		Day 57	2020-08-19 07:46 (27)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-22 08:13 (-4)	0.8		0 - 3
		Day 29	2020-07-24 07:50 (29)	0.6		0 - 3
		Day 57	2020-08-19 07:46 (27)	0.5		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-22 08:13 (-4)	0.13		0 - 0.8
		Day 29	2020-07-24 07:50 (29)	0.16		0 - 0.8
		Day 57	2020-08-19 07:46 (27)	0.15		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-22 08:13 (-4)	2.6		0 - 7
		Day 29	2020-07-24 07:50 (29)	3.1		0 - 7
		Day 57	2020-08-19 07:46 (27)	2.3		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011137	Erythrocytes (10^12/L)	Screening	2020-06-22 08:13 (-4)	4.21		3.7 - 5.2
		Day 29	2020-07-24 07:50 (29)	4.12		3.7 - 5.2
		Day 57	2020-08-19 07:46 (27)	4.06		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-22 08:13 (-4)	0.432		0.33 - 0.47
		Day 29	2020-07-24 07:50 (29)	0.426		0.33 - 0.47
		Day 57	2020-08-19 07:46 (27)	0.412		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-22 08:13 (-4)	129		110 - 155
		Day 29	2020-07-24 07:50 (29)	127	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-19 07:46 (27)	124	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-22 08:13 (-4)	<0.03		0 - 0.07
		Day 29	2020-07-24 07:50 (29)	<0.03		0 - 0.07
		Day 57	2020-08-19 07:46 (27)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011137	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-22 08:13 (-4)	0.0		0 - 1
		Day 29	2020-07-24 07:50 (29)	0.0		0 - 1
		Day 57	2020-08-19 07:46 (27)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-22 08:13 (-4)	5.07		3.7 - 11
		Day 29	2020-07-24 07:50 (29)	5.12		3.7 - 11
		Day 57	2020-08-19 07:46 (27)	6.62		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-22 08:13 (-4)	2.03		0.9 - 3.6
		Day 29	2020-07-24 07:50 (29)	1.82		0.9 - 3.6
		Day 57	2020-08-19 07:46 (27)	3.03		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-22 08:13 (-4)	40.0		12 - 46
		Day 29	2020-07-24 07:50 (29)	35.5		12 - 46
		Day 57	2020-08-19 07:46 (27)	45.8		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011137	Monocytes (10^9/L)	Screening	2020-06-22 08:13 (-4)	0.51		0 - 1.2
		Day 29	2020-07-24 07:50 (29)	0.39		0 - 1.2
		Day 57	2020-08-19 07:46 (27)	0.50		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-22 08:13 (-4)	10.1		0 - 11
		Day 29	2020-07-24 07:50 (29)	7.6		0 - 11
		Day 57	2020-08-19 07:46 (27)	7.6		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-22 08:13 (-4)	2.36		1.7 - 7.9
		Day 29	2020-07-24 07:50 (29)	2.72		1.7 - 7.9
		Day 57	2020-08-19 07:46 (27)	2.90		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-22 08:13 (-4)	46.5		34 - 71
		Day 29	2020-07-24 07:50 (29)	53.2		34 - 71
		Day 57	2020-08-19 07:46 (27)	43.6		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011137	Platelets (10^9/L)	Screening	2020-06-22 08:13 (-4)	272		163 - 375
		Day 29	2020-07-24 07:50 (29)	273		163 - 375
		Day 57	2020-08-19 07:46 (27)	318		163 - 375
US2011138	Basophils (10^9/L)	Screening	2020-06-22 11:02 (-5)	0.08		0 - 0.3
		Day 29	2020-07-27 09:11 (31)	0.06		0 - 0.3
		Day 57	2020-08-26 08:35 (31)	0.07		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-22 11:02 (-5)	1.3		0 - 3
		Day 29	2020-07-27 09:11 (31)	1.1		0 - 3
		Day 57	2020-08-26 08:35 (31)	1.3		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-22 11:02 (-5)	0.12		0 - 0.8
		Day 29	2020-07-27 09:11 (31)	0.14		0 - 0.8
		Day 57	2020-08-26 08:35 (31)	0.28		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011138	Eosinophils/Leukocytes (%)	Screening	2020-06-22 11:02 (-5)	2.0		0 - 7
		Day 29	2020-07-27 09:11 (31)	2.6		0 - 7
		Day 57	2020-08-26 08:35 (31)	5.1		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-22 11:02 (-5)	4.33		3.7 - 5.2
		Day 29	2020-07-27 09:11 (31)	4.19		3.7 - 5.2
		Day 57	2020-08-26 08:35 (31)	4.31		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-22 11:02 (-5)	0.440		0.33 - 0.47
		Day 29	2020-07-27 09:11 (31)	0.432		0.33 - 0.47
		Day 57	2020-08-26 08:35 (31)	0.451		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-22 11:02 (-5)	140		110 - 155
		Day 29	2020-07-27 09:11 (31)	134	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-26 08:35 (31)	138	G1 Hemoglobin Decreased	110 - 155

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011138	Immature Granulocytes (10^9/L)	Screening	2020-06-22 11:02 (-5)	<0.03		0 - 0.07
		Day 29	2020-07-27 09:11 (31)	<0.03		0 - 0.07
		Day 57	2020-08-26 08:35 (31)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-22 11:02 (-5)	0.3		0 - 1
		Day 29	2020-07-27 09:11 (31)	0.2		0 - 1
		Day 57	2020-08-26 08:35 (31)	0.4		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-22 11:02 (-5)	6.07		3.7 - 11
		Day 29	2020-07-27 09:11 (31)	5.37		3.7 - 11
		Day 57	2020-08-26 08:35 (31)	5.51		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-22 11:02 (-5)	1.44		0.9 - 3.6
		Day 29	2020-07-27 09:11 (31)	1.09		0.9 - 3.6
		Day 57	2020-08-26 08:35 (31)	1.14		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011138	Lymphocytes/Leukocytes (%)	Screening	2020-06-22 11:02 (-5)	23.7		12 - 46
		Day 29	2020-07-27 09:11 (31)	20.3		12 - 46
		Day 57	2020-08-26 08:35 (31)	20.7		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-22 11:02 (-5)	0.63		0 - 1.2
		Day 29	2020-07-27 09:11 (31)	0.51		0 - 1.2
		Day 57	2020-08-26 08:35 (31)	0.52		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-22 11:02 (-5)	10.4		0 - 11
		Day 29	2020-07-27 09:11 (31)	9.5		0 - 11
		Day 57	2020-08-26 08:35 (31)	9.4		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-22 11:02 (-5)	3.78		1.7 - 7.9
		Day 29	2020-07-27 09:11 (31)	3.56		1.7 - 7.9
		Day 57	2020-08-26 08:35 (31)	3.48		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011138	Neutrophils/Leukocytes (%)	Screening	2020-06-22 11:02 (-5)	62.3		34 - 71
		Day 29	2020-07-27 09:11 (31)	66.3		34 - 71
		Day 57	2020-08-26 08:35 (31)	63.1		34 - 71
	Platelets (10^9/L)	Screening	2020-06-22 11:02 (-5)	232		163 - 375
		Day 29	2020-07-27 09:11 (31)	237		163 - 375
		Day 57	2020-08-26 08:35 (31)	240		163 - 375
US2011153	Basophils (10^9/L)	Screening	2020-06-25 12:48 (-4)	0.04		0 - 0.3
		Day 29	2020-07-27 13:17 (29)	0.03		0 - 0.3
		Day 57	2020-08-24 13:13 (29)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-25 12:48 (-4)	0.7		0 - 3
		Day 29	2020-07-27 13:17 (29)	0.5		0 - 3
		Day 57	2020-08-24 13:13 (29)	0.7		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011153	Eosinophils (10^9/L)	Screening	2020-06-25 12:48 (-4)	0.10		0 - 0.8
		Day 29	2020-07-27 13:17 (29)	0.10		0 - 0.8
		Day 57	2020-08-24 13:13 (29)	0.10		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-25 12:48 (-4)	1.8		0 - 7
		Day 29	2020-07-27 13:17 (29)	1.7		0 - 7
		Day 57	2020-08-24 13:13 (29)	1.7		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-25 12:48 (-4)	4.32		3.7 - 5.2
		Day 29	2020-07-27 13:17 (29)	4.21		3.7 - 5.2
		Day 57	2020-08-24 13:13 (29)	4.05		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-25 12:48 (-4)	0.415		0.33 - 0.47
		Day 29	2020-07-27 13:17 (29)	0.405		0.33 - 0.47
		Day 57	2020-08-24 13:13 (29)	0.392		0.33 - 0.47

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011153	Hemoglobin (g/L)	Screening	2020-06-25 12:48 (-4)	128		110 - 155
		Day 29	2020-07-27 13:17 (29)	128		110 - 155
		Day 57	2020-08-24 13:13 (29)	121	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-25 12:48 (-4)	<0.03		0 - 0.07
		Day 29	2020-07-27 13:17 (29)	<0.03		0 - 0.07
		Day 57	2020-08-24 13:13 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-25 12:48 (-4)	0.4		0 - 1
		Day 29	2020-07-27 13:17 (29)	0.0		0 - 1
		Day 57	2020-08-24 13:13 (29)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-25 12:48 (-4)	5.60		3.7 - 11
		Day 29	2020-07-27 13:17 (29)	6.00		3.7 - 11
		Day 57	2020-08-24 13:13 (29)	5.95		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011153	Lymphocytes (10^9/L)	Screening	2020-06-25 12:48 (-4)	2.02		0.9 - 3.6
		Day 29	2020-07-27 13:17 (29)	1.89		0.9 - 3.6
		Day 57	2020-08-24 13:13 (29)	2.05		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-25 12:48 (-4)	36.1		12 - 46
		Day 29	2020-07-27 13:17 (29)	31.5		12 - 46
		Day 57	2020-08-24 13:13 (29)	34.5		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-25 12:48 (-4)	0.41		0 - 1.2
		Day 29	2020-07-27 13:17 (29)	0.37		0 - 1.2
		Day 57	2020-08-24 13:13 (29)	0.48		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-25 12:48 (-4)	7.3		0 - 11
		Day 29	2020-07-27 13:17 (29)	6.2		0 - 11
		Day 57	2020-08-24 13:13 (29)	8.1		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011153	Neutrophils (10^9/L)	Screening	2020-06-25 12:48 (-4)	3.01		1.7 - 7.9
		Day 29	2020-07-27 13:17 (29)	3.61		1.7 - 7.9
		Day 57	2020-08-24 13:13 (29)	3.27		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-25 12:48 (-4)	53.7		34 - 71
		Day 29	2020-07-27 13:17 (29)	60.1		34 - 71
		Day 57	2020-08-24 13:13 (29)	54.8		34 - 71
	Platelets (10^9/L)	Screening	2020-06-25 12:48 (-4)	231		163 - 375
		Day 29	2020-07-27 13:17 (29)	216		163 - 375
		Day 57	2020-08-24 13:13 (29)	218		163 - 375
US2021004	Basophils (10^9/L)	Screening	2020-05-26 09:52 (-3)	0.08		0 - 0.3
		Day 29	2020-06-26 08:57 (29)	0.08		0 - 0.3
		Day 57	2020-07-24 09:21 (29)	0.06		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021004	Basophils/Leukocytes (%)	Screening	2020-05-26 09:52 (-3)	1.1		0 - 3
		Day 29	2020-06-26 08:57 (29)	1.1		0 - 3
		Day 57	2020-07-24 09:21 (29)	1.0		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-26 09:52 (-3)	0.09		0 - 0.8
		Day 29	2020-06-26 08:57 (29)	0.09		0 - 0.8
		Day 57	2020-07-24 09:21 (29)	0.08		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-26 09:52 (-3)	1.3		0 - 7
		Day 29	2020-06-26 08:57 (29)	1.2		0 - 7
		Day 57	2020-07-24 09:21 (29)	1.3		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-26 09:52 (-3)	4.08		3.7 - 5.2
		Day 29	2020-06-26 08:57 (29)	3.82		3.7 - 5.2
		Day 57	2020-07-24 09:21 (29)	3.79		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021004	Hematocrit (L/L)	Screening	2020-05-26 09:52 (-3)	0.440		0.33 - 0.47
		Day 29	2020-06-26 08:57 (29)	0.422		0.33 - 0.47
		Day 57	2020-07-24 09:21 (29)	0.426		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-26 09:52 (-3)	134		110 - 155
		Day 29	2020-06-26 08:57 (29)	125	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-07-24 09:21 (29)	125	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-26 09:52 (-3)	<0.03		0 - 0.07
		Day 29	2020-06-26 08:57 (29)	<0.03		0 - 0.07
		Day 57	2020-07-24 09:21 (29)	0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-26 09:52 (-3)	0.1		0 - 1
		Day 29	2020-06-26 08:57 (29)	0.1		0 - 1
		Day 57	2020-07-24 09:21 (29)	0.5		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021004	Leukocytes (10^9/L)	Screening	2020-05-26 09:52 (-3)	6.99		3.7 - 11
		Day 29	2020-06-26 08:57 (29)	7.35		3.7 - 11
		Day 57	2020-07-24 09:21 (29)	6.27		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-26 09:52 (-3)	2.27		0.9 - 3.6
		Day 29	2020-06-26 08:57 (29)	2.18		0.9 - 3.6
		Day 57	2020-07-24 09:21 (29)	1.89		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-26 09:52 (-3)	32.5		12 - 46
		Day 29	2020-06-26 08:57 (29)	29.7		12 - 46
		Day 57	2020-07-24 09:21 (29)	30.1		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-26 09:52 (-3)	0.39		0 - 1.2
		Day 29	2020-06-26 08:57 (29)	0.55		0 - 1.2
		Day 57	2020-07-24 09:21 (29)	0.41		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021004	Monocytes/Leukocytes (%)	Screening	2020-05-26 09:52 (-3)	5.6		0 - 11
		Day 29	2020-06-26 08:57 (29)	7.5		0 - 11
		Day 57	2020-07-24 09:21 (29)	6.5		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-26 09:52 (-3)	4.15		1.7 - 7.9
		Day 29	2020-06-26 08:57 (29)	4.44		1.7 - 7.9
		Day 57	2020-07-24 09:21 (29)	3.80		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-26 09:52 (-3)	59.4		34 - 71
		Day 29	2020-06-26 08:57 (29)	60.4		34 - 71
		Day 57	2020-07-24 09:21 (29)	60.6		34 - 71
	Platelets (10^9/L)	Screening	2020-05-26 09:52 (-3)	361		163 - 375
		Day 29	2020-06-26 08:57 (29)	334		163 - 375
		Day 57	2020-07-24 09:21 (29)	309		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021012	Basophils (10^9/L)	Screening	2020-05-26 11:57 (-6)	0.04		0 - 0.3
		Day 29	2020-06-29 09:43 (29)	0.04		0 - 0.3
		Day 57	2020-07-27 12:27 (29)	0.05		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-26 11:57 (-6)	0.8		0 - 3
		Day 29	2020-06-29 09:43 (29)	0.8		0 - 3
		Day 57	2020-07-27 12:27 (29)	0.8		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-26 11:57 (-6)	0.27		0 - 0.8
		Day 29	2020-06-29 09:43 (29)	0.39		0 - 0.8
		Day 57	2020-07-27 12:27 (29)	0.36		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-26 11:57 (-6)	5.2		0 - 7
		Day 29	2020-06-29 09:43 (29)	7.6 (H)		0 - 7
		Day 57	2020-07-27 12:27 (29)	5.8		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021012	Erythrocytes (10^12/L)	Screening	2020-05-26 11:57 (-6)	4.63		3.7 - 5.2
		Day 29	2020-06-29 09:43 (29)	4.41		3.7 - 5.2
		Day 57	2020-07-27 12:27 (29)	4.55		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-26 11:57 (-6)	0.446		0.33 - 0.47
		Day 29	2020-06-29 09:43 (29)	0.438		0.33 - 0.47
		Day 57	2020-07-27 12:27 (29)	0.471 (H)		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-26 11:57 (-6)	132		110 - 155
		Day 29	2020-06-29 09:43 (29)	128	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-07-27 12:27 (29)	131	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-26 11:57 (-6)	<0.03		0 - 0.07
		Day 29	2020-06-29 09:43 (29)	<0.03		0 - 0.07
		Day 57	2020-07-27 12:27 (29)	0.04		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021012	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-26 11:57 (-6)	0.2		0 - 1
		Day 29	2020-06-29 09:43 (29)	0.4		0 - 1
		Day 57	2020-07-27 12:27 (29)	0.6		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-26 11:57 (-6)	5.23		3.7 - 11
		Day 29	2020-06-29 09:43 (29)	5.11		3.7 - 11
		Day 57	2020-07-27 12:27 (29)	6.19		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-26 11:57 (-6)	1.34		0.9 - 3.6
		Day 29	2020-06-29 09:43 (29)	1.73		0.9 - 3.6
		Day 57	2020-07-27 12:27 (29)	2.02		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-26 11:57 (-6)	25.6		12 - 46
		Day 29	2020-06-29 09:43 (29)	33.9		12 - 46
		Day 57	2020-07-27 12:27 (29)	32.6		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021012	Monocytes (10^9/L)	Screening	2020-05-26 11:57 (-6)	0.48		0 - 1.2
		Day 29	2020-06-29 09:43 (29)	0.44		0 - 1.2
		Day 57	2020-07-27 12:27 (29)	0.48		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-26 11:57 (-6)	9.2		0 - 11
		Day 29	2020-06-29 09:43 (29)	8.6		0 - 11
		Day 57	2020-07-27 12:27 (29)	7.8		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-26 11:57 (-6)	3.09		1.7 - 7.9
		Day 29	2020-06-29 09:43 (29)	2.49		1.7 - 7.9
		Day 57	2020-07-27 12:27 (29)	3.24		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-26 11:57 (-6)	59.0		34 - 71
		Day 29	2020-06-29 09:43 (29)	48.7		34 - 71
		Day 57	2020-07-27 12:27 (29)	52.4		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021012	Platelets (10^9/L)	Screening	2020-05-26 11:57 (-6)	256		163 - 375
		Day 29	2020-06-29 09:43 (29)	267		163 - 375
		Day 57	2020-07-27 12:27 (29)	272		163 - 375
US2021018	Basophils (10^9/L)	Screening	2020-05-26 13:54 (-3)	0.05		0 - 0.3
		Day 29	2020-07-13 13:29 (46)	0.05		0 - 0.3
		Unscheduled	2020-07-22 09:27 (10)	0.05		0 - 0.3
		Day 57	2020-08-11 14:10 (30)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-26 13:54 (-3)	0.5		0 - 3
		Day 29	2020-07-13 13:29 (46)	0.7		0 - 3
		Unscheduled	2020-07-22 09:27 (10)	0.7		0 - 3
		Day 57	2020-08-11 14:10 (30)	0.4		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-26 13:54 (-3)	0.12		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021018	Eosinophils (10^9/L)	Day 29	2020-07-13 13:29 (46)	0.24		0 - 0.8
		Unscheduled	2020-07-22 09:27 (10)	0.23		0 - 0.8
		Day 57	2020-08-11 14:10 (30)	0.04		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-26 13:54 (-3)	1.3		0 - 7
		Day 29	2020-07-13 13:29 (46)	3.2		0 - 7
		Unscheduled	2020-07-22 09:27 (10)	3.0		0 - 7
		Day 57	2020-08-11 14:10 (30)	0.5		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-26 13:54 (-3)	4.98		3.7 - 5.2
		Day 29	2020-07-13 13:29 (46)	4.34		3.7 - 5.2
		Unscheduled	2020-07-22 09:27 (10)	4.38		3.7 - 5.2
		Day 57	2020-08-11 14:10 (30)	4.38		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-26 13:54 (-3)	0.514 (H)		0.33 - 0.47

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021018	Hematocrit (L/L)	Day 29	2020-07-13 13:29 (46)	0.448		0.33 - 0.47
		Unscheduled	2020-07-22 09:27 (10)	0.460		0.33 - 0.47
		Day 57	2020-08-11 14:10 (30)	0.452		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-26 13:54 (-3)	157 (H)		110 - 155
		Day 29	2020-07-13 13:29 (46)	136	G3 Hemoglobin Decreased	110 - 155
		Unscheduled	2020-07-22 09:27 (10)	139	G2 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-11 14:10 (30)	138	G2 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-26 13:54 (-3)	<0.03		0 - 0.07
		Day 29	2020-07-13 13:29 (46)	<0.03		0 - 0.07
		Unscheduled	2020-07-22 09:27 (10)	<0.03		0 - 0.07
		Day 57	2020-08-11 14:10 (30)	0.06		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-26 13:54 (-3)	0.2		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021018	Immature Granulocytes/Leukocytes (%)	Day 29	2020-07-13 13:29 (46)	0.3		0 - 1
		Unscheduled	2020-07-22 09:27 (10)	0.1		0 - 1
		Day 57	2020-08-11 14:10 (30)	0.7		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-26 13:54 (-3)	9.16		3.7 - 11
		Day 29	2020-07-13 13:29 (46)	7.44		3.7 - 11
		Unscheduled	2020-07-22 09:27 (10)	7.63		3.7 - 11
		Day 57	2020-08-11 14:10 (30)	8.04		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-26 13:54 (-3)	2.41		0.9 - 3.6
		Day 29	2020-07-13 13:29 (46)	2.07		0.9 - 3.6
		Unscheduled	2020-07-22 09:27 (10)	2.22		0.9 - 3.6
		Day 57	2020-08-11 14:10 (30)	1.12		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-26 13:54 (-3)	26.3		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021018	Lymphocytes/Leukocytes (%)	Day 29	2020-07-13 13:29 (46)	27.8		12 - 46
		Unscheduled	2020-07-22 09:27 (10)	29.1		12 - 46
		Day 57	2020-08-11 14:10 (30)	13.9		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-26 13:54 (-3)	0.58		0 - 1.2
		Day 29	2020-07-13 13:29 (46)	0.52		0 - 1.2
		Unscheduled	2020-07-22 09:27 (10)	0.53		0 - 1.2
		Day 57	2020-08-11 14:10 (30)	0.34		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-26 13:54 (-3)	6.3		0 - 11
		Day 29	2020-07-13 13:29 (46)	7.0		0 - 11
		Unscheduled	2020-07-22 09:27 (10)	6.9		0 - 11
		Day 57	2020-08-11 14:10 (30)	4.2		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-26 13:54 (-3)	5.98		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021018	Neutrophils (10^9/L)	Day 29	2020-07-13 13:29 (46)	4.54		1.7 - 7.9
		Unscheduled	2020-07-22 09:27 (10)	4.59		1.7 - 7.9
		Day 57	2020-08-11 14:10 (30)	6.45		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-26 13:54 (-3)	65.4		34 - 71
		Day 29	2020-07-13 13:29 (46)	61.0		34 - 71
		Unscheduled	2020-07-22 09:27 (10)	60.2		34 - 71
		Day 57	2020-08-11 14:10 (30)	80.3 (H)		34 - 71
	Platelets (10^9/L)	Screening	2020-05-26 13:54 (-3)	270		163 - 375
		Day 29	2020-07-13 13:29 (46)	263		163 - 375
		Unscheduled	2020-07-22 09:27 (10)	274		163 - 375
		Day 57	2020-08-11 14:10 (30)	275		163 - 375
US2021019	Basophils (10^9/L)	Screening	2020-05-26 15:10 (-3)	0.03		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021019	Basophils (10^9/L)	Day 29	2020-07-02 16:16 (35)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-26 15:10 (-3)	0.4		0 - 3
		Day 29	2020-07-02 16:16 (35)	0.6		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-26 15:10 (-3)	0.27		0 - 0.8
		Day 29	2020-07-02 16:16 (35)	0.34		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-26 15:10 (-3)	3.5		0 - 7
		Day 29	2020-07-02 16:16 (35)	4.8		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-26 15:10 (-3)	5.61		4.63 - 6.08
		Day 29	2020-07-02 16:16 (35)	5.55		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-05-26 15:10 (-3)	0.534 (H)		0.37 - 0.51
		Day 29	2020-07-02 16:16 (35)	0.523 (H)		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-05-26 15:10 (-3)	173 (H)		125 - 170

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021019	Hemoglobin (g/L)	Day 29	2020-07-02 16:16 (35)	169	G1 Hemoglobin Decreased	125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-05-26 15:10 (-3)	<0.03		0 - 0.07
		Day 29	2020-07-02 16:16 (35)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-26 15:10 (-3)	0.3		0 - 1
		Day 29	2020-07-02 16:16 (35)	0.1		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-26 15:10 (-3)	7.63		3.7 - 11
		Day 29	2020-07-02 16:16 (35)	7.15		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-26 15:10 (-3)	1.95		0.9 - 3.6
		Day 29	2020-07-02 16:16 (35)	1.42		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-26 15:10 (-3)	25.6		12 - 46
		Day 29	2020-07-02 16:16 (35)	19.9		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-26 15:10 (-3)	0.63		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021019	Monocytes (10^9/L)	Day 29	2020-07-02 16:16 (35)	0.57		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-26 15:10 (-3)	8.3		0 - 11
		Day 29	2020-07-02 16:16 (35)	8.0		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-26 15:10 (-3)	4.73		1.7 - 7.9
		Day 29	2020-07-02 16:16 (35)	4.77		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-26 15:10 (-3)	61.9		34 - 71
		Day 29	2020-07-02 16:16 (35)	66.6		34 - 71
	Platelets (10^9/L)	Screening	2020-05-26 15:10 (-3)	247		163 - 375
		Day 29	2020-07-02 16:16 (35)	285		163 - 375
US2021020	Basophils (10^9/L)	Screening	2020-05-26 14:18 (-6)	<0.03		0 - 0.3
		Day 29	2020-06-30 10:24 (30)	0.03		0 - 0.3
		Day 57	2020-07-29 12:20 (30)	0.04		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021020	Basophils/Leukocytes (%)	Screening	2020-05-26 14:18 (-6)	0.3		0 - 3
		Day 29	2020-06-30 10:24 (30)	0.5		0 - 3
		Day 57	2020-07-29 12:20 (30)	0.5		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-26 14:18 (-6)	0.07		0 - 0.8
		Day 29	2020-06-30 10:24 (30)	0.06		0 - 0.8
		Day 57	2020-07-29 12:20 (30)	0.10		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-26 14:18 (-6)	0.9		0 - 7
		Day 29	2020-06-30 10:24 (30)	0.9		0 - 7
		Day 57	2020-07-29 12:20 (30)	1.3		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-26 14:18 (-6)	5.86 (H)		3.7 - 5.2
		Day 29	2020-06-30 10:24 (30)	5.76 (H)		3.7 - 5.2
		Day 57	2020-07-29 12:20 (30)	5.44 (H)		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021020	Hematocrit (L/L)	Screening	2020-05-26 14:18 (-6)	0.506 (H)		0.33 - 0.47
		Day 29	2020-06-30 10:24 (30)	0.506 (H)		0.33 - 0.47
		Day 57	2020-07-29 12:20 (30)	0.487 (H)		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-26 14:18 (-6)	150		110 - 155
		Day 29	2020-06-30 10:24 (30)	148	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-07-29 12:20 (30)	138	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-26 14:18 (-6)	<0.03		0 - 0.07
		Day 29	2020-06-30 10:24 (30)	<0.03		0 - 0.07
		Day 57	2020-07-29 12:20 (30)	0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-26 14:18 (-6)	0.3		0 - 1
		Day 29	2020-06-30 10:24 (30)	0.3		0 - 1
		Day 57	2020-07-29 12:20 (30)	0.4		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021020	Leukocytes (10^9/L)	Screening	2020-05-26 14:18 (-6)	7.62		3.7 - 11
		Day 29	2020-06-30 10:24 (30)	6.39		3.7 - 11
		Day 57	2020-07-29 12:20 (30)	7.79		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-26 14:18 (-6)	1.90		0.9 - 3.6
		Day 29	2020-06-30 10:24 (30)	1.61		0.9 - 3.6
		Day 57	2020-07-29 12:20 (30)	2.08		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-26 14:18 (-6)	24.9		12 - 46
		Day 29	2020-06-30 10:24 (30)	25.2		12 - 46
		Day 57	2020-07-29 12:20 (30)	26.7		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-26 14:18 (-6)	0.52		0 - 1.2
		Day 29	2020-06-30 10:24 (30)	0.50		0 - 1.2
		Day 57	2020-07-29 12:20 (30)	0.63		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021020	Monocytes/Leukocytes (%)	Screening	2020-05-26 14:18 (-6)	6.8		0 - 11
		Day 29	2020-06-30 10:24 (30)	7.8		0 - 11
		Day 57	2020-07-29 12:20 (30)	8.1		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-26 14:18 (-6)	5.09		1.7 - 7.9
		Day 29	2020-06-30 10:24 (30)	4.17		1.7 - 7.9
		Day 57	2020-07-29 12:20 (30)	4.91		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-26 14:18 (-6)	66.8		34 - 71
		Day 29	2020-06-30 10:24 (30)	65.3		34 - 71
		Day 57	2020-07-29 12:20 (30)	63.0		34 - 71
	Platelets (10^9/L)	Screening	2020-05-26 14:18 (-6)	377 (H)		163 - 375
		Day 29	2020-06-30 10:24 (30)	349		163 - 375
		Day 57	2020-07-29 12:20 (30)	341		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021045	Basophils (10^9/L)	Screening	2020-05-27 10:46 (-5)	0.03		0 - 0.3
		Day 29	2020-06-29 14:46 (29)	<0.03		0 - 0.3
		Day 57	2020-08-03 14:45 (36)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-27 10:46 (-5)	0.5		0 - 3
		Day 29	2020-06-29 14:46 (29)	0.2		0 - 3
		Day 57	2020-08-03 14:45 (36)	0.4		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-27 10:46 (-5)	0.16		0 - 0.8
		Day 29	2020-06-29 14:46 (29)	0.18		0 - 0.8
		Day 57	2020-08-03 14:45 (36)	0.19		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-27 10:46 (-5)	2.9		0 - 7
		Day 29	2020-06-29 14:46 (29)	2.2		0 - 7
		Day 57	2020-08-03 14:45 (36)	2.7		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021045	Erythrocytes (10^12/L)	Screening	2020-05-27 10:46 (-5)	4.56		3.7 - 5.2
		Day 29	2020-06-29 14:46 (29)	4.02		3.7 - 5.2
		Day 57	2020-08-03 14:45 (36)	3.97		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-27 10:46 (-5)	0.477 (H)		0.33 - 0.47
		Day 29	2020-06-29 14:46 (29)	0.415		0.33 - 0.47
		Day 57	2020-08-03 14:45 (36)	0.402		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-27 10:46 (-5)	149		110 - 155
		Day 29	2020-06-29 14:46 (29)	130	G2 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-03 14:45 (36)	126	G3 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-27 10:46 (-5)	<0.03		0 - 0.07
		Day 29	2020-06-29 14:46 (29)	0.03		0 - 0.07
		Day 57	2020-08-03 14:45 (36)	0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021045	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-27 10:46 (-5)	0.4		0 - 1
		Day 29	2020-06-29 14:46 (29)	0.4		0 - 1
		Day 57	2020-08-03 14:45 (36)	0.4		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-27 10:46 (-5)	5.48		3.7 - 11
		Day 29	2020-06-29 14:46 (29)	8.06		3.7 - 11
		Day 57	2020-08-03 14:45 (36)	7.04		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-27 10:46 (-5)	1.37		0.9 - 3.6
		Day 29	2020-06-29 14:46 (29)	1.51		0.9 - 3.6
		Day 57	2020-08-03 14:45 (36)	1.84		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-27 10:46 (-5)	25.0		12 - 46
		Day 29	2020-06-29 14:46 (29)	18.7		12 - 46
		Day 57	2020-08-03 14:45 (36)	26.1		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021045	Monocytes (10^9/L)	Screening	2020-05-27 10:46 (-5)	0.34		0 - 1.2
		Day 29	2020-06-29 14:46 (29)	0.40		0 - 1.2
		Day 57	2020-08-03 14:45 (36)	0.51		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-27 10:46 (-5)	6.2		0 - 11
		Day 29	2020-06-29 14:46 (29)	5.0		0 - 11
		Day 57	2020-08-03 14:45 (36)	7.2		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-27 10:46 (-5)	3.56		1.7 - 7.9
		Day 29	2020-06-29 14:46 (29)	5.92		1.7 - 7.9
		Day 57	2020-08-03 14:45 (36)	4.44		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-27 10:46 (-5)	65.0		34 - 71
		Day 29	2020-06-29 14:46 (29)	73.5 (H)		34 - 71
		Day 57	2020-08-03 14:45 (36)	63.2		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021045	Platelets (10^9/L)	Screening	2020-05-27 10:46 (-5)	247		163 - 375
		Day 29	2020-06-29 14:46 (29)	265		163 - 375
		Day 57	2020-08-03 14:45 (36)	246		163 - 375
US2021047	Basophils (10^9/L)	Screening	2020-05-27 15:38 (-5)	0.03		0 - 0.3
		Day 29	2020-06-29 13:47 (29)	0.04		0 - 0.3
		Day 57	2020-07-24 13:45 (26)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-27 15:38 (-5)	0.5		0 - 3
		Day 29	2020-06-29 13:47 (29)	0.6		0 - 3
		Day 57	2020-07-24 13:45 (26)	0.5		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-27 15:38 (-5)	0.05		0 - 0.8
		Day 29	2020-06-29 13:47 (29)	0.06		0 - 0.8
		Day 57	2020-07-24 13:45 (26)	0.06		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021047	Eosinophils/Leukocytes (%)	Screening	2020-05-27 15:38 (-5)	0.9		0 - 7
		Day 29	2020-06-29 13:47 (29)	0.8		0 - 7
		Day 57	2020-07-24 13:45 (26)	1.0		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-27 15:38 (-5)	4.26		3.7 - 5.2
		Day 29	2020-06-29 13:47 (29)	4.18		3.7 - 5.2
		Day 57	2020-07-24 13:45 (26)	4.07		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-27 15:38 (-5)	0.439		0.33 - 0.47
		Day 29	2020-06-29 13:47 (29)	0.440		0.33 - 0.47
		Day 57	2020-07-24 13:45 (26)	0.425		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-27 15:38 (-5)	138		110 - 155
		Day 29	2020-06-29 13:47 (29)	138		110 - 155
		Day 57	2020-07-24 13:45 (26)	132	G1 Hemoglobin Decreased	110 - 155

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021047	Immature Granulocytes (10^9/L)	Screening	2020-05-27 15:38 (-5)	<0.03		0 - 0.07
		Day 29	2020-06-29 13:47 (29)	<0.03		0 - 0.07
		Day 57	2020-07-24 13:45 (26)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-27 15:38 (-5)	0.0		0 - 1
		Day 29	2020-06-29 13:47 (29)	0.1		0 - 1
		Day 57	2020-07-24 13:45 (26)	0.0		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-27 15:38 (-5)	5.51		3.7 - 11
		Day 29	2020-06-29 13:47 (29)	7.24		3.7 - 11
		Day 57	2020-07-24 13:45 (26)	5.80		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-27 15:38 (-5)	2.27		0.9 - 3.6
		Day 29	2020-06-29 13:47 (29)	2.76		0.9 - 3.6
		Day 57	2020-07-24 13:45 (26)	2.29		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021047	Lymphocytes/Leukocytes (%)	Screening	2020-05-27 15:38 (-5)	41.2		12 - 46
		Day 29	2020-06-29 13:47 (29)	38.1		12 - 46
		Day 57	2020-07-24 13:45 (26)	39.5		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-27 15:38 (-5)	0.33		0 - 1.2
		Day 29	2020-06-29 13:47 (29)	0.43		0 - 1.2
		Day 57	2020-07-24 13:45 (26)	0.35		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-27 15:38 (-5)	6.0		0 - 11
		Day 29	2020-06-29 13:47 (29)	5.9		0 - 11
		Day 57	2020-07-24 13:45 (26)	6.0		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-27 15:38 (-5)	2.83		1.7 - 7.9
		Day 29	2020-06-29 13:47 (29)	3.94		1.7 - 7.9
		Day 57	2020-07-24 13:45 (26)	3.07		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021047	Neutrophils/Leukocytes (%)	Screening	2020-05-27 15:38 (-5)	51.4		34 - 71
		Day 29	2020-06-29 13:47 (29)	54.5		34 - 71
		Day 57	2020-07-24 13:45 (26)	53.0		34 - 71
	Platelets (10^9/L)	Screening	2020-05-27 15:38 (-5)	216		163 - 375
		Day 29	2020-06-29 13:47 (29)	223		163 - 375
		Day 57	2020-07-24 13:45 (26)	203		163 - 375
US2021133	Basophils (10^9/L)	Screening	2020-06-01 11:53 (-25)	0.04		0 - 0.3
		Day 29	2020-07-29 12:23 (34)	0.03		0 - 0.3
		Day 57	2020-08-27 12:21 (30)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-01 11:53 (-25)	0.7		0 - 3
		Day 29	2020-07-29 12:23 (34)	0.5		0 - 3
		Day 57	2020-08-27 12:21 (30)	0.6		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021133	Eosinophils (10^9/L)	Screening	2020-06-01 11:53 (-25)	0.19		0 - 0.8
		Day 29	2020-07-29 12:23 (34)	0.17		0 - 0.8
		Day 57	2020-08-27 12:21 (30)	0.16		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-01 11:53 (-25)	3.4		0 - 7
		Day 29	2020-07-29 12:23 (34)	3.0		0 - 7
		Day 57	2020-08-27 12:21 (30)	3.1		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-01 11:53 (-25)	4.27 (L)		4.63 - 6.08
		Day 29	2020-07-29 12:23 (34)	4.24 (L)		4.63 - 6.08
		Day 57	2020-08-27 12:21 (30)	4.36 (L)		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-01 11:53 (-25)	0.441		0.37 - 0.51
		Day 29	2020-07-29 12:23 (34)	0.463		0.37 - 0.51
		Day 57	2020-08-27 12:21 (30)	0.496		0.37 - 0.51

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021133	Hemoglobin (g/L)	Screening	2020-06-01 11:53 (-25)	136		125 - 170
		Day 29	2020-07-29 12:23 (34)	136		125 - 170
		Day 57	2020-08-27 12:21 (30)	141		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-01 11:53 (-25)	<0.03		0 - 0.07
		Day 29	2020-07-29 12:23 (34)	0.03		0 - 0.07
		Day 57	2020-08-27 12:21 (30)	0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-01 11:53 (-25)	0.2		0 - 1
		Day 29	2020-07-29 12:23 (34)	0.5		0 - 1
		Day 57	2020-08-27 12:21 (30)	0.6		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-01 11:53 (-25)	5.65		3.7 - 11
		Day 29	2020-07-29 12:23 (34)	5.65		3.7 - 11
		Day 57	2020-08-27 12:21 (30)	5.11		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021133	Lymphocytes (10^9/L)	Screening	2020-06-01 11:53 (-25)	1.31		0.9 - 3.6
		Day 29	2020-07-29 12:23 (34)	1.50		0.9 - 3.6
		Day 57	2020-08-27 12:21 (30)	1.42		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-01 11:53 (-25)	23.2		12 - 46
		Day 29	2020-07-29 12:23 (34)	26.5		12 - 46
		Day 57	2020-08-27 12:21 (30)	27.8		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-01 11:53 (-25)	0.46		0 - 1.2
		Day 29	2020-07-29 12:23 (34)	0.60		0 - 1.2
		Day 57	2020-08-27 12:21 (30)	0.53		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-01 11:53 (-25)	8.1		0 - 11
		Day 29	2020-07-29 12:23 (34)	10.6		0 - 11
		Day 57	2020-08-27 12:21 (30)	10.4		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021133	Neutrophils (10^9/L)	Screening	2020-06-01 11:53 (-25)	3.64		1.7 - 7.9
		Day 29	2020-07-29 12:23 (34)	3.32		1.7 - 7.9
		Day 57	2020-08-27 12:21 (30)	2.94		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-01 11:53 (-25)	64.4		34 - 71
		Day 29	2020-07-29 12:23 (34)	58.9		34 - 71
		Day 57	2020-08-27 12:21 (30)	57.5		34 - 71
	Platelets (10^9/L)	Screening	2020-06-01 11:53 (-25)	219		163 - 375
		Day 29	2020-07-29 12:23 (34)	246		163 - 375
		Day 57	2020-08-27 12:21 (30)	219		163 - 375
US2021190	Basophils (10^9/L)	Screening	2020-06-11 13:24 (-15)	0.05		0 - 0.3
		Day 29	2020-07-29 14:29 (34)	0.05		0 - 0.3
		Day 57	2020-08-25 14:28 (28)	0.07		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021190	Basophils/Leukocytes (%)	Screening	2020-06-11 13:24 (-15)	0.9		0 - 3
		Day 29	2020-07-29 14:29 (34)	0.9		0 - 3
		Day 57	2020-08-25 14:28 (28)	1.3		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-11 13:24 (-15)	0.23		0 - 0.8
		Day 29	2020-07-29 14:29 (34)	0.22		0 - 0.8
		Day 57	2020-08-25 14:28 (28)	0.21		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-11 13:24 (-15)	4.0		0 - 7
		Day 29	2020-07-29 14:29 (34)	4.0		0 - 7
		Day 57	2020-08-25 14:28 (28)	4.0		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-11 13:24 (-15)	4.28		3.7 - 5.2
		Day 29	2020-07-29 14:29 (34)	4.44		3.7 - 5.2
		Day 57	2020-08-25 14:28 (28)	4.48		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021190	Hematocrit (L/L)	Screening	2020-06-11 13:24 (-15)	0.427		0.33 - 0.47
		Day 29	2020-07-29 14:29 (34)	0.453		0.33 - 0.47
		Day 57	2020-08-25 14:28 (28)	0.478 (H)		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-11 13:24 (-15)	130		110 - 155
		Day 29	2020-07-29 14:29 (34)	136		110 - 155
		Day 57	2020-08-25 14:28 (28)	137		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-11 13:24 (-15)	<0.03		0 - 0.07
		Day 29	2020-07-29 14:29 (34)	<0.03		0 - 0.07
		Day 57	2020-08-25 14:28 (28)	0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-11 13:24 (-15)	0.2		0 - 1
		Day 29	2020-07-29 14:29 (34)	0.2		0 - 1
		Day 57	2020-08-25 14:28 (28)	0.6		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021190	Leukocytes (10^9/L)	Screening	2020-06-11 13:24 (-15)	5.69		3.7 - 11
		Day 29	2020-07-29 14:29 (34)	5.55		3.7 - 11
		Day 57	2020-08-25 14:28 (28)	5.22		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-11 13:24 (-15)	1.59		0.9 - 3.6
		Day 29	2020-07-29 14:29 (34)	1.70		0.9 - 3.6
		Day 57	2020-08-25 14:28 (28)	1.43		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-11 13:24 (-15)	27.9		12 - 46
		Day 29	2020-07-29 14:29 (34)	30.6		12 - 46
		Day 57	2020-08-25 14:28 (28)	27.4		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-11 13:24 (-15)	0.40		0 - 1.2
		Day 29	2020-07-29 14:29 (34)	0.44		0 - 1.2
		Day 57	2020-08-25 14:28 (28)	0.46		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021190	Monocytes/Leukocytes (%)	Screening	2020-06-11 13:24 (-15)	7.0		0 - 11
		Day 29	2020-07-29 14:29 (34)	7.9		0 - 11
		Day 57	2020-08-25 14:28 (28)	8.8		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-11 13:24 (-15)	3.41		1.7 - 7.9
		Day 29	2020-07-29 14:29 (34)	3.13		1.7 - 7.9
		Day 57	2020-08-25 14:28 (28)	3.02		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-11 13:24 (-15)	60.0		34 - 71
		Day 29	2020-07-29 14:29 (34)	56.4		34 - 71
		Day 57	2020-08-25 14:28 (28)	57.9		34 - 71
	Platelets (10^9/L)	Screening	2020-06-11 13:24 (-15)	245		163 - 375
		Day 29	2020-07-29 14:29 (34)	230		163 - 375
		Day 57	2020-08-25 14:28 (28)	139 (L)	G1 Platelets Decreased	163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021192	Basophils (10^9/L)	Screening	2020-06-12 09:32 (-14)	0.04		0 - 0.3
		Day 29	2020-07-27 09:40 (32)	0.04		0 - 0.3
		Day 57	2020-08-21 08:42 (26)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-12 09:32 (-14)	0.8		0 - 3
		Day 29	2020-07-27 09:40 (32)	0.8		0 - 3
		Day 57	2020-08-21 08:42 (26)	0.4		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-12 09:32 (-14)	0.11		0 - 0.8
		Day 29	2020-07-27 09:40 (32)	0.09		0 - 0.8
		Day 57	2020-08-21 08:42 (26)	0.12		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-12 09:32 (-14)	2.1		0 - 7
		Day 29	2020-07-27 09:40 (32)	1.9		0 - 7
		Day 57	2020-08-21 08:42 (26)	2.6		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021192	Erythrocytes (10^12/L)	Screening	2020-06-12 09:32 (-14)	5.18		4.63 - 6.08
		Day 29	2020-07-27 09:40 (32)	4.64		4.63 - 6.08
		Day 57	2020-08-21 08:42 (26)	4.87		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-12 09:32 (-14)	0.493		0.37 - 0.51
		Day 29	2020-07-27 09:40 (32)	0.473		0.37 - 0.51
		Day 57	2020-08-21 08:42 (26)	0.476		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-12 09:32 (-14)	151		125 - 170
		Day 29	2020-07-27 09:40 (32)	136	G1 Hemoglobin Decreased	125 - 170
		Day 57	2020-08-21 08:42 (26)	143	G1 Hemoglobin Decreased	125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-12 09:32 (-14)	<0.03		0 - 0.07
		Day 29	2020-07-27 09:40 (32)	0.06		0 - 0.07
		Day 57	2020-08-21 08:42 (26)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021192	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-12 09:32 (-14)	0.4		0 - 1
		Day 29	2020-07-27 09:40 (32)	1.3 (H)		0 - 1
		Day 57	2020-08-21 08:42 (26)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-12 09:32 (-14)	5.24		3.7 - 11
		Day 29	2020-07-27 09:40 (32)	4.72		3.7 - 11
		Day 57	2020-08-21 08:42 (26)	4.68		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-12 09:32 (-14)	1.48		0.9 - 3.6
		Day 29	2020-07-27 09:40 (32)	1.43		0.9 - 3.6
		Day 57	2020-08-21 08:42 (26)	1.56		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-12 09:32 (-14)	28.2		12 - 46
		Day 29	2020-07-27 09:40 (32)	30.3		12 - 46
		Day 57	2020-08-21 08:42 (26)	33.3		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021192	Monocytes (10^9/L)	Screening	2020-06-12 09:32 (-14)	0.29		0 - 1.2
		Day 29	2020-07-27 09:40 (32)	0.38		0 - 1.2
		Day 57	2020-08-21 08:42 (26)	0.32		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-12 09:32 (-14)	5.5		0 - 11
		Day 29	2020-07-27 09:40 (32)	8.1		0 - 11
		Day 57	2020-08-21 08:42 (26)	6.8		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-12 09:32 (-14)	3.30		1.7 - 7.9
		Day 29	2020-07-27 09:40 (32)	2.72		1.7 - 7.9
		Day 57	2020-08-21 08:42 (26)	2.65		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-12 09:32 (-14)	63.0		34 - 71
		Day 29	2020-07-27 09:40 (32)	57.6		34 - 71
		Day 57	2020-08-21 08:42 (26)	56.7		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021192	Platelets (10^9/L)	Screening	2020-06-12 09:32 (-14)	276		163 - 375
		Day 29	2020-07-27 09:40 (32)	266		163 - 375
		Day 57	2020-08-21 08:42 (26)	172		163 - 375
US2021205	Basophils (10^9/L)	Screening	2020-06-17 09:31 (-9)	0.08		0 - 0.3
		Day 57	2020-08-25 09:13 (26)	0.10		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-17 09:31 (-9)	1.2		0 - 3
		Day 57	2020-08-25 09:13 (26)	1.7		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-17 09:31 (-9)	0.18		0 - 0.8
		Day 57	2020-08-25 09:13 (26)	0.41		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-17 09:31 (-9)	2.6		0 - 7
		Day 57	2020-08-25 09:13 (26)	7.1 (H)		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-17 09:31 (-9)	4.52		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021205	Erythrocytes (10^12/L)	Day 57	2020-08-25 09:13 (26)	4.34		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-17 09:31 (-9)	0.412		0.33 - 0.47
		Day 57	2020-08-25 09:13 (26)	0.423		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-17 09:31 (-9)	116	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-25 09:13 (26)	113	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-17 09:31 (-9)	<0.03		0 - 0.07
		Day 57	2020-08-25 09:13 (26)	0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-17 09:31 (-9)	0.1		0 - 1
		Day 57	2020-08-25 09:13 (26)	0.5		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-17 09:31 (-9)	6.81		3.7 - 11
		Day 57	2020-08-25 09:13 (26)	5.79		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-17 09:31 (-9)	1.63		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021205	Lymphocytes (10^9/L)	Day 57	2020-08-25 09:13 (26)	1.64		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-17 09:31 (-9)	23.9		12 - 46
		Day 57	2020-08-25 09:13 (26)	28.3		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-17 09:31 (-9)	0.67		0 - 1.2
		Day 57	2020-08-25 09:13 (26)	0.68		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-17 09:31 (-9)	9.8		0 - 11
		Day 57	2020-08-25 09:13 (26)	11.7 (H)		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-17 09:31 (-9)	4.24		1.7 - 7.9
		Day 57	2020-08-25 09:13 (26)	2.93		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-17 09:31 (-9)	62.4		34 - 71
		Day 57	2020-08-25 09:13 (26)	50.7		34 - 71
	Platelets (10^9/L)	Screening	2020-06-17 09:31 (-9)	286		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021205	Platelets (10^9/L)	Day 57	2020-08-25 09:13 (26)	322		163 - 375
US2021216	Basophils (10^9/L)	Screening	2020-06-19 08:57 (-13)	0.03		0 - 0.3
		Day 29	2020-08-03 13:58 (33)	0.05		0 - 0.3
		Day 57	2020-08-28 09:36 (26)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-19 08:57 (-13)	0.6		0 - 3
		Day 29	2020-08-03 13:58 (33)	0.5		0 - 3
		Day 57	2020-08-28 09:36 (26)	0.3		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-19 08:57 (-13)	0.09		0 - 0.8
		Day 29	2020-08-03 13:58 (33)	0.12		0 - 0.8
		Day 57	2020-08-28 09:36 (26)	0.13		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-19 08:57 (-13)	1.8		0 - 7
		Day 29	2020-08-03 13:58 (33)	1.3		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021216	Eosinophils/Leukocytes (%)	Day 57	2020-08-28 09:36 (26)	1.9		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-19 08:57 (-13)	4.84		3.7 - 5.2
		Day 29	2020-08-03 13:58 (33)	4.67		3.7 - 5.2
		Day 57	2020-08-28 09:36 (26)	4.40		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-19 08:57 (-13)	0.461		0.33 - 0.47
		Day 29	2020-08-03 13:58 (33)	0.439		0.33 - 0.47
		Day 57	2020-08-28 09:36 (26)	0.424		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-19 08:57 (-13)	141		110 - 155
		Day 29	2020-08-03 13:58 (33)	136	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-28 09:36 (26)	130	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-19 08:57 (-13)	<0.03		0 - 0.07
		Day 29	2020-08-03 13:58 (33)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021216	Immature Granulocytes (10^9/L)	Day 57	2020-08-28 09:36 (26)	0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-19 08:57 (-13)	0.2		0 - 1
		Day 29	2020-08-03 13:58 (33)	0.2		0 - 1
		Day 57	2020-08-28 09:36 (26)	0.4		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-19 08:57 (-13)	5.04		3.7 - 11
		Day 29	2020-08-03 13:58 (33)	9.28		3.7 - 11
		Day 57	2020-08-28 09:36 (26)	6.99		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-19 08:57 (-13)	2.00		0.9 - 3.6
		Day 29	2020-08-03 13:58 (33)	2.54		0.9 - 3.6
		Day 57	2020-08-28 09:36 (26)	1.98		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-19 08:57 (-13)	39.7		12 - 46
		Day 29	2020-08-03 13:58 (33)	27.4		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021216	Lymphocytes/Leukocytes (%)	Day 57	2020-08-28 09:36 (26)	28.3		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-19 08:57 (-13)	0.40		0 - 1.2
		Day 29	2020-08-03 13:58 (33)	0.52		0 - 1.2
		Day 57	2020-08-28 09:36 (26)	0.54		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-19 08:57 (-13)	7.9		0 - 11
		Day 29	2020-08-03 13:58 (33)	5.6		0 - 11
		Day 57	2020-08-28 09:36 (26)	7.7		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-19 08:57 (-13)	2.51		1.7 - 7.9
		Day 29	2020-08-03 13:58 (33)	6.03		1.7 - 7.9
		Day 57	2020-08-28 09:36 (26)	4.29		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-19 08:57 (-13)	49.8		34 - 71
		Day 29	2020-08-03 13:58 (33)	65.0		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021216	Neutrophils/Leukocytes (%)	Day 57	2020-08-28 09:36 (26)	61.4		34 - 71
	Platelets (10^9/L)	Screening	2020-06-19 08:57 (-13)	206		163 - 375
		Day 29	2020-08-03 13:58 (33)	210		163 - 375
		Day 57	2020-08-28 09:36 (26)	191		163 - 375
US2021217	Basophils (10^9/L)	Screening	2020-06-19 11:49 (-10)	0.06		0 - 0.3
		Day 29	2020-07-29 12:58 (31)	0.04		0 - 0.3
		Day 57	2020-08-26 12:48 (29)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-19 11:49 (-10)	1.1		0 - 3
		Day 29	2020-07-29 12:58 (31)	0.7		0 - 3
		Day 57	2020-08-26 12:48 (29)	0.7		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-19 11:49 (-10)	0.10		0 - 0.8
		Day 29	2020-07-29 12:58 (31)	0.10		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021217	Eosinophils (10^9/L)	Day 57	2020-08-26 12:48 (29)	0.11		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-19 11:49 (-10)	1.8		0 - 7
		Day 29	2020-07-29 12:58 (31)	1.6		0 - 7
		Day 57	2020-08-26 12:48 (29)	1.8		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-19 11:49 (-10)	5.19		3.7 - 5.2
		Day 29	2020-07-29 12:58 (31)	5.05		3.7 - 5.2
		Day 57	2020-08-26 12:48 (29)	5.25 (H)		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-19 11:49 (-10)	0.500 (H)		0.33 - 0.47
		Day 29	2020-07-29 12:58 (31)	0.499 (H)		0.33 - 0.47
		Day 57	2020-08-26 12:48 (29)	0.504 (H)		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-19 11:49 (-10)	150		110 - 155
		Day 29	2020-07-29 12:58 (31)	149	G1 Hemoglobin Decreased	110 - 155

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021217	Hemoglobin (g/L)	Day 57	2020-08-26 12:48 (29)	152		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-19 11:49 (-10)	<0.03		0 - 0.07
		Day 29	2020-07-29 12:58 (31)	0.04		0 - 0.07
		Day 57	2020-08-26 12:48 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-19 11:49 (-10)	0.4		0 - 1
		Day 29	2020-07-29 12:58 (31)	0.7		0 - 1
		Day 57	2020-08-26 12:48 (29)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-19 11:49 (-10)	5.62		3.7 - 11
		Day 29	2020-07-29 12:58 (31)	6.13		3.7 - 11
		Day 57	2020-08-26 12:48 (29)	6.05		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-19 11:49 (-10)	1.80		0.9 - 3.6
		Day 29	2020-07-29 12:58 (31)	2.33		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021217	Lymphocytes (10^9/L)	Day 57	2020-08-26 12:48 (29)	2.01		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-19 11:49 (-10)	32.0		12 - 46
		Day 29	2020-07-29 12:58 (31)	38.0		12 - 46
		Day 57	2020-08-26 12:48 (29)	33.2		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-19 11:49 (-10)	0.42		0 - 1.2
		Day 29	2020-07-29 12:58 (31)	0.24		0 - 1.2
		Day 57	2020-08-26 12:48 (29)	0.44		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-19 11:49 (-10)	7.5		0 - 11
		Day 29	2020-07-29 12:58 (31)	3.9		0 - 11
		Day 57	2020-08-26 12:48 (29)	7.3		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-19 11:49 (-10)	3.22		1.7 - 7.9
		Day 29	2020-07-29 12:58 (31)	3.38		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021217	Neutrophils (10^9/L)	Day 57	2020-08-26 12:48 (29)	3.44		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-19 11:49 (-10)	57.2		34 - 71
		Day 29	2020-07-29 12:58 (31)	55.1		34 - 71
		Day 57	2020-08-26 12:48 (29)	56.8		34 - 71
	Platelets (10^9/L)	Screening	2020-06-19 11:49 (-10)	252		163 - 375
		Day 29	2020-07-29 12:58 (31)	248		163 - 375
		Day 57	2020-08-26 12:48 (29)	285		163 - 375
US2021220	Basophils (10^9/L)	Screening	2020-06-24 12:22 (-5)	0.03		0 - 0.3
		Day 29	2020-07-29 13:20 (31)	0.03		0 - 0.3
		Day 57	2020-08-25 13:34 (28)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-24 12:22 (-5)	0.5		0 - 3
		Day 29	2020-07-29 13:20 (31)	0.6		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021220	Basophils/Leukocytes (%)	Day 57	2020-08-25 13:34 (28)	0.5		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-24 12:22 (-5)	0.16		0 - 0.8
		Day 29	2020-07-29 13:20 (31)	0.13		0 - 0.8
		Day 57	2020-08-25 13:34 (28)	0.16		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-24 12:22 (-5)	2.8		0 - 7
		Day 29	2020-07-29 13:20 (31)	2.4		0 - 7
		Day 57	2020-08-25 13:34 (28)	2.9		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-24 12:22 (-5)	4.37 (L)		4.63 - 6.08
		Day 29	2020-07-29 13:20 (31)	4.20 (L)		4.63 - 6.08
		Day 57	2020-08-25 13:34 (28)	4.27 (L)		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-24 12:22 (-5)	0.463		0.37 - 0.51
		Day 29	2020-07-29 13:20 (31)	0.460		0.37 - 0.51

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021220	Hematocrit (L/L)	Day 57	2020-08-25 13:34 (28)	0.462		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-24 12:22 (-5)	134	G1 Hemoglobin Decreased	125 - 170
		Day 29	2020-07-29 13:20 (31)	130	G1 Hemoglobin Decreased	125 - 170
		Day 57	2020-08-25 13:34 (28)	130	G1 Hemoglobin Decreased	125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-24 12:22 (-5)	0.06		0 - 0.07
		Day 29	2020-07-29 13:20 (31)	0.06		0 - 0.07
		Day 57	2020-08-25 13:34 (28)	0.04		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-24 12:22 (-5)	1.0		0 - 1
		Day 29	2020-07-29 13:20 (31)	1.1 (H)		0 - 1
		Day 57	2020-08-25 13:34 (28)	0.7		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-24 12:22 (-5)	5.80		3.7 - 11
		Day 29	2020-07-29 13:20 (31)	5.45		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021220	Leukocytes (10^9/L)	Day 57	2020-08-25 13:34 (28)	5.60		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-24 12:22 (-5)	1.35		0.9 - 3.6
		Day 29	2020-07-29 13:20 (31)	1.21		0.9 - 3.6
		Day 57	2020-08-25 13:34 (28)	1.25		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-24 12:22 (-5)	23.3		12 - 46
		Day 29	2020-07-29 13:20 (31)	22.2		12 - 46
		Day 57	2020-08-25 13:34 (28)	22.3		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-24 12:22 (-5)	0.50		0 - 1.2
		Day 29	2020-07-29 13:20 (31)	0.43		0 - 1.2
		Day 57	2020-08-25 13:34 (28)	0.37		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-24 12:22 (-5)	8.6		0 - 11
		Day 29	2020-07-29 13:20 (31)	7.9		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021220	Monocytes/Leukocytes (%)	Day 57	2020-08-25 13:34 (28)	6.6		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-24 12:22 (-5)	3.70		1.7 - 7.9
		Day 29	2020-07-29 13:20 (31)	3.59		1.7 - 7.9
		Day 57	2020-08-25 13:34 (28)	3.75		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-24 12:22 (-5)	63.8		34 - 71
		Day 29	2020-07-29 13:20 (31)	65.8		34 - 71
		Day 57	2020-08-25 13:34 (28)	67.0		34 - 71
	Platelets (10^9/L)	Screening	2020-06-24 12:22 (-5)	265		163 - 375
		Day 29	2020-07-29 13:20 (31)	271		163 - 375
		Day 57	2020-08-25 13:34 (28)	230		163 - 375
US2021226	Basophils (10^9/L)	Screening	2020-06-30 16:31 (-6)	0.03		0 - 0.3
		Day 29	2020-08-04 10:04 (30)	<0.03		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021226	Basophils (10^9/L)	Day 57	2020-09-03 15:00 (31)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-30 16:31 (-6)	0.7		0 - 3
		Day 29	2020-08-04 10:04 (30)	0.5		0 - 3
		Day 57	2020-09-03 15:00 (31)	0.6		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-30 16:31 (-6)	0.07		0 - 0.8
		Day 29	2020-08-04 10:04 (30)	0.13		0 - 0.8
		Day 57	2020-09-03 15:00 (31)	0.08		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-30 16:31 (-6)	1.6		0 - 7
		Day 29	2020-08-04 10:04 (30)	3.1		0 - 7
		Day 57	2020-09-03 15:00 (31)	2.3		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-30 16:31 (-6)	4.27		3.7 - 5.2
		Day 29	2020-08-04 10:04 (30)	4.00		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021226	Erythrocytes (10^12/L)	Day 57	2020-09-03 15:00 (31)	4.02		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-30 16:31 (-6)	0.418		0.33 - 0.47
		Day 29	2020-08-04 10:04 (30)	0.375		0.33 - 0.47
		Day 57	2020-09-03 15:00 (31)	0.431		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-30 16:31 (-6)	127		110 - 155
		Day 29	2020-08-04 10:04 (30)	119	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-09-03 15:00 (31)	117	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-30 16:31 (-6)	<0.03		0 - 0.07
		Day 29	2020-08-04 10:04 (30)	<0.03		0 - 0.07
		Day 57	2020-09-03 15:00 (31)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-30 16:31 (-6)	0.0		0 - 1
		Day 29	2020-08-04 10:04 (30)	0.5		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021226	Immature Granulocytes/Leukocytes (%)	Day 57	2020-09-03 15:00 (31)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-30 16:31 (-6)	4.41		3.7 - 11
		Day 29	2020-08-04 10:04 (30)	4.21		3.7 - 11
		Day 57	2020-09-03 15:00 (31)	3.53 (L)		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-30 16:31 (-6)	1.73		0.9 - 3.6
		Day 29	2020-08-04 10:04 (30)	1.43		0.9 - 3.6
		Day 57	2020-09-03 15:00 (31)	1.35		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-30 16:31 (-6)	39.2		12 - 46
		Day 29	2020-08-04 10:04 (30)	34.0		12 - 46
		Day 57	2020-09-03 15:00 (31)	38.2		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-30 16:31 (-6)	0.41		0 - 1.2
		Day 29	2020-08-04 10:04 (30)	0.47		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021226	Monocytes (10^9/L)	Day 57	2020-09-03 15:00 (31)	0.31		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-30 16:31 (-6)	9.3		0 - 11
		Day 29	2020-08-04 10:04 (30)	11.2 (H)		0 - 11
		Day 57	2020-09-03 15:00 (31)	8.8		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-30 16:31 (-6)	2.17		1.7 - 7.9
		Day 29	2020-08-04 10:04 (30)	2.14		1.7 - 7.9
		Day 57	2020-09-03 15:00 (31)	1.76	G1 Neutrophils Decreased	1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-30 16:31 (-6)	49.2		34 - 71
		Day 29	2020-08-04 10:04 (30)	50.7		34 - 71
		Day 57	2020-09-03 15:00 (31)	49.8		34 - 71
	Platelets (10^9/L)	Screening	2020-06-30 16:31 (-6)	197		163 - 375
		Day 29	2020-08-04 10:04 (30)	209		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021226	Platelets (10^9/L)	Day 57	2020-09-03 15:00 (31)	210		163 - 375
US2031086	Basophils (10^9/L)	Screening	2020-06-08 10:15 (-18)	<0.03		0 - 0.3
		Day 29	2020-07-27 11:18 (32)	<0.03		0 - 0.3
		Day 57	2020-08-24 08:24 (29)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-08 10:15 (-18)	0.5		0 - 3
		Day 29	2020-07-27 11:18 (32)	0.5		0 - 3
		Day 57	2020-08-24 08:24 (29)	0.3		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-08 10:15 (-18)	0.12		0 - 0.8
		Day 29	2020-07-27 11:18 (32)	0.11		0 - 0.8
		Day 57	2020-08-24 08:24 (29)	0.19		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-08 10:15 (-18)	2.9		0 - 7
		Day 29	2020-07-27 11:18 (32)	2.7		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031086	Eosinophils/Leukocytes (%)	Day 57	2020-08-24 08:24 (29)	4.9		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-08 10:15 (-18)	4.45		3.7 - 5.2
		Day 29	2020-07-27 11:18 (32)	4.35		3.7 - 5.2
		Day 57	2020-08-24 08:24 (29)	4.02		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-08 10:15 (-18)	0.425		0.33 - 0.47
		Day 29	2020-07-27 11:18 (32)	0.412		0.33 - 0.47
		Day 57	2020-08-24 08:24 (29)	0.382		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-08 10:15 (-18)	128		110 - 155
		Day 29	2020-07-27 11:18 (32)	124	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-24 08:24 (29)	113	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-08 10:15 (-18)	<0.03		0 - 0.07
		Day 29	2020-07-27 11:18 (32)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031086	Immature Granulocytes (10^9/L)	Day 57	2020-08-24 08:24 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-08 10:15 (-18)	0.2		0 - 1
		Day 29	2020-07-27 11:18 (32)	0.2		0 - 1
		Day 57	2020-08-24 08:24 (29)	0.5		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-08 10:15 (-18)	4.10		3.7 - 11
		Day 29	2020-07-27 11:18 (32)	4.12		3.7 - 11
		Day 57	2020-08-24 08:24 (29)	3.84		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-08 10:15 (-18)	1.16		0.9 - 3.6
		Day 29	2020-07-27 11:18 (32)	1.39		0.9 - 3.6
		Day 57	2020-08-24 08:24 (29)	1.13		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-08 10:15 (-18)	28.3		12 - 46
		Day 29	2020-07-27 11:18 (32)	33.7		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031086	Lymphocytes/Leukocytes (%)	Day 57	2020-08-24 08:24 (29)	29.4		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-08 10:15 (-18)	0.32		0 - 1.2
		Day 29	2020-07-27 11:18 (32)	0.28		0 - 1.2
		Day 57	2020-08-24 08:24 (29)	0.28		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-08 10:15 (-18)	7.8		0 - 11
		Day 29	2020-07-27 11:18 (32)	6.8		0 - 11
		Day 57	2020-08-24 08:24 (29)	7.3		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-08 10:15 (-18)	2.47		1.7 - 7.9
		Day 29	2020-07-27 11:18 (32)	2.31		1.7 - 7.9
		Day 57	2020-08-24 08:24 (29)	2.21		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-08 10:15 (-18)	60.3		34 - 71
		Day 29	2020-07-27 11:18 (32)	56.1		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031086	Neutrophils/Leukocytes (%)	Day 57	2020-08-24 08:24 (29)	57.6		34 - 71
	Platelets (10^9/L)	Screening	2020-06-08 10:15 (-18)	238		163 - 375
		Day 29	2020-07-27 11:18 (32)	226		163 - 375
		Day 57	2020-08-24 08:24 (29)	181		163 - 375
US2031096	Basophils (10^9/L)	Screening	2020-06-09 10:56 (-17)	0.03		0 - 0.3
		Day 29	2020-07-27 11:28 (32)	0.06		0 - 0.3
		Day 57	2020-08-24 09:27 (29)	0.05		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-09 10:56 (-17)	0.5		0 - 3
		Day 29	2020-07-27 11:28 (32)	1.1		0 - 3
		Day 57	2020-08-24 09:27 (29)	0.7		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-09 10:56 (-17)	0.12		0 - 0.8
		Day 29	2020-07-27 11:28 (32)	0.11		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031096	Eosinophils (10^9/L)	Day 57	2020-08-24 09:27 (29)	0.17		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-09 10:56 (-17)	2.0		0 - 7
		Day 29	2020-07-27 11:28 (32)	2.0		0 - 7
		Day 57	2020-08-24 09:27 (29)	2.5		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-09 10:56 (-17)	4.55		3.7 - 5.2
		Day 29	2020-07-27 11:28 (32)	4.43		3.7 - 5.2
		Day 57	2020-08-24 09:27 (29)	4.39		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-09 10:56 (-17)	0.465		0.33 - 0.47
		Day 29	2020-07-27 11:28 (32)	0.470		0.33 - 0.47
		Day 57	2020-08-24 09:27 (29)	0.469		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-09 10:56 (-17)	148		110 - 155
		Day 29	2020-07-27 11:28 (32)	145	G1 Hemoglobin Decreased	110 - 155

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031096	Hemoglobin (g/L)	Day 57	2020-08-24 09:27 (29)	143	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-09 10:56 (-17)	<0.03		0 - 0.07
		Day 29	2020-07-27 11:28 (32)	<0.03		0 - 0.07
		Day 57	2020-08-24 09:27 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-09 10:56 (-17)	0.2		0 - 1
		Day 29	2020-07-27 11:28 (32)	0.2		0 - 1
		Day 57	2020-08-24 09:27 (29)	0.1		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-09 10:56 (-17)	6.06		3.7 - 11
		Day 29	2020-07-27 11:28 (32)	5.56		3.7 - 11
		Day 57	2020-08-24 09:27 (29)	6.71		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-09 10:56 (-17)	1.42		0.9 - 3.6
		Day 29	2020-07-27 11:28 (32)	1.27		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031096	Lymphocytes (10^9/L)	Day 57	2020-08-24 09:27 (29)	1.63		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-09 10:56 (-17)	23.4		12 - 46
		Day 29	2020-07-27 11:28 (32)	22.8		12 - 46
		Day 57	2020-08-24 09:27 (29)	24.3		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-09 10:56 (-17)	0.58		0 - 1.2
		Day 29	2020-07-27 11:28 (32)	0.43		0 - 1.2
		Day 57	2020-08-24 09:27 (29)	0.55		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-09 10:56 (-17)	9.6		0 - 11
		Day 29	2020-07-27 11:28 (32)	7.7		0 - 11
		Day 57	2020-08-24 09:27 (29)	8.2		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-09 10:56 (-17)	3.90		1.7 - 7.9
		Day 29	2020-07-27 11:28 (32)	3.68		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031096	Neutrophils (10^9/L)	Day 57	2020-08-24 09:27 (29)	4.30		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-09 10:56 (-17)	64.3		34 - 71
		Day 29	2020-07-27 11:28 (32)	66.2		34 - 71
		Day 57	2020-08-24 09:27 (29)	64.2		34 - 71
	Platelets (10^9/L)	Screening	2020-06-09 10:56 (-17)	249		163 - 375
		Day 29	2020-07-27 11:28 (32)	241		163 - 375
		Day 57	2020-08-24 09:27 (29)	246		163 - 375
US2031097	Basophils (10^9/L)	Screening	2020-06-09 11:38 (-21)	0.04		0 - 0.3
		Unscheduled	2020-06-16 10:30 (-14)	0.05		0 - 0.3
		Day 29	2020-08-03 15:40 (35)	0.03		0 - 0.3
		Day 57	2020-09-02 09:46 (31)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-09 11:38 (-21)	0.5		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031097	Basophils/Leukocytes (%)	Unscheduled	2020-06-16 10:30 (-14)	0.7		0 - 3
		Day 29	2020-08-03 15:40 (35)	0.4		0 - 3
		Day 57	2020-09-02 09:46 (31)	0.5		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-09 11:38 (-21)	0.89 (H)	G1 Eosinophils Increased	0 - 0.8
		Unscheduled	2020-06-16 10:30 (-14)	0.78	G1 Eosinophils Increased	0 - 0.8
		Day 29	2020-08-03 15:40 (35)	0.22		0 - 0.8
		Day 57	2020-09-02 09:46 (31)	0.26		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-09 11:38 (-21)	11.9 (H)		0 - 7
		Unscheduled	2020-06-16 10:30 (-14)	10.9 (H)		0 - 7
		Day 29	2020-08-03 15:40 (35)	3.3		0 - 7
		Day 57	2020-09-02 09:46 (31)	4.6		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-09 11:38 (-21)	4.41		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031097	Erythrocytes (10^12/L)	Unscheduled	2020-06-16 10:30 (-14)	4.21		3.7 - 5.2
		Day 29	2020-08-03 15:40 (35)	4.18		3.7 - 5.2
		Day 57	2020-09-02 09:46 (31)	4.30		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-09 11:38 (-21)	0.451		0.33 - 0.47
		Unscheduled	2020-06-16 10:30 (-14)	0.446		0.33 - 0.47
		Day 29	2020-08-03 15:40 (35)	0.424		0.33 - 0.47
		Day 57	2020-09-02 09:46 (31)	0.454		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-09 11:38 (-21)	139		110 - 155
		Unscheduled	2020-06-16 10:30 (-14)	136		110 - 155
		Day 29	2020-08-03 15:40 (35)	136		110 - 155
		Day 57	2020-09-02 09:46 (31)	139		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-09 11:38 (-21)	0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031097	Immature Granulocytes (10^9/L)	Unscheduled	2020-06-16 10:30 (-14)	<0.03		0 - 0.07
		Day 29	2020-08-03 15:40 (35)	<0.03		0 - 0.07
		Day 57	2020-09-02 09:46 (31)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-09 11:38 (-21)	0.4		0 - 1
		Unscheduled	2020-06-16 10:30 (-14)	0.1		0 - 1
		Day 29	2020-08-03 15:40 (35)	0.1		0 - 1
		Day 57	2020-09-02 09:46 (31)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-09 11:38 (-21)	7.46		3.7 - 11
		Unscheduled	2020-06-16 10:30 (-14)	7.18		3.7 - 11
		Day 29	2020-08-03 15:40 (35)	6.71		3.7 - 11
		Day 57	2020-09-02 09:46 (31)	5.67		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-09 11:38 (-21)	2.61		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031097	Lymphocytes (10^9/L)	Unscheduled	2020-06-16 10:30 (-14)	2.36		0.9 - 3.6
		Day 29	2020-08-03 15:40 (35)	2.24		0.9 - 3.6
		Day 57	2020-09-02 09:46 (31)	1.77		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-09 11:38 (-21)	35.0		12 - 46
		Unscheduled	2020-06-16 10:30 (-14)	32.9		12 - 46
		Day 29	2020-08-03 15:40 (35)	33.4		12 - 46
		Day 57	2020-09-02 09:46 (31)	31.2		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-09 11:38 (-21)	0.69		0 - 1.2
		Unscheduled	2020-06-16 10:30 (-14)	0.80		0 - 1.2
		Day 29	2020-08-03 15:40 (35)	0.61		0 - 1.2
		Day 57	2020-09-02 09:46 (31)	0.58		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-09 11:38 (-21)	9.2		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031097	Monocytes/Leukocytes (%)	Unscheduled	2020-06-16 10:30 (-14)	11.1 (H)		0 - 11
		Day 29	2020-08-03 15:40 (35)	9.1		0 - 11
		Day 57	2020-09-02 09:46 (31)	10.2		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-09 11:38 (-21)	3.20		1.7 - 7.9
		Unscheduled	2020-06-16 10:30 (-14)	3.18		1.7 - 7.9
		Day 29	2020-08-03 15:40 (35)	3.60		1.7 - 7.9
		Day 57	2020-09-02 09:46 (31)	3.02		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-09 11:38 (-21)	43.0		34 - 71
		Unscheduled	2020-06-16 10:30 (-14)	44.3		34 - 71
		Day 29	2020-08-03 15:40 (35)	53.7		34 - 71
		Day 57	2020-09-02 09:46 (31)	53.3		34 - 71
	Platelets (10^9/L)	Screening	2020-06-09 11:38 (-21)	162 (L)		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031097	Platelets (10^9/L)	Unscheduled	2020-06-16 10:30 (-14)	169		163 - 375
		Day 29	2020-08-03 15:40 (35)	169		163 - 375
		Day 57	2020-09-02 09:46 (31)	153 (L)		163 - 375
US2031104	Basophils (10^9/L)	Screening	2020-06-10 09:00 (-16)	0.10		0 - 0.3
		Day 29	2020-07-31 12:26 (36)	0.11		0 - 0.3
		Day 57	2020-08-25 08:38 (26)	0.09		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-10 09:00 (-16)	1.5		0 - 3
		Day 29	2020-07-31 12:26 (36)	1.7		0 - 3
		Day 57	2020-08-25 08:38 (26)	1.5		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-10 09:00 (-16)	0.12		0 - 0.8
		Day 29	2020-07-31 12:26 (36)	0.15		0 - 0.8
		Day 57	2020-08-25 08:38 (26)	0.13		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031104	Eosinophils/Leukocytes (%)	Screening	2020-06-10 09:00 (-16)	1.8		0 - 7
		Day 29	2020-07-31 12:26 (36)	2.3		0 - 7
		Day 57	2020-08-25 08:38 (26)	2.2		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-10 09:00 (-16)	4.60		3.7 - 5.2
		Day 29	2020-07-31 12:26 (36)	4.70		3.7 - 5.2
		Day 57	2020-08-25 08:38 (26)	4.43		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-10 09:00 (-16)	0.476 (H)		0.33 - 0.47
		Day 29	2020-07-31 12:26 (36)	0.492 (H)		0.33 - 0.47
		Day 57	2020-08-25 08:38 (26)	0.487 (H)		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-10 09:00 (-16)	145		110 - 155
		Day 29	2020-07-31 12:26 (36)	151		110 - 155
		Day 57	2020-08-25 08:38 (26)	142	G1 Hemoglobin Decreased	110 - 155

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031104	Immature Granulocytes (10^9/L)	Screening	2020-06-10 09:00 (-16)	<0.03		0 - 0.07
		Day 29	2020-07-31 12:26 (36)	<0.03		0 - 0.07
		Day 57	2020-08-25 08:38 (26)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-10 09:00 (-16)	0.3		0 - 1
		Day 29	2020-07-31 12:26 (36)	0.2		0 - 1
		Day 57	2020-08-25 08:38 (26)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-10 09:00 (-16)	6.52		3.7 - 11
		Day 29	2020-07-31 12:26 (36)	6.52		3.7 - 11
		Day 57	2020-08-25 08:38 (26)	5.93		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-10 09:00 (-16)	1.38		0.9 - 3.6
		Day 29	2020-07-31 12:26 (36)	1.89		0.9 - 3.6
		Day 57	2020-08-25 08:38 (26)	1.18		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031104	Lymphocytes/Leukocytes (%)	Screening	2020-06-10 09:00 (-16)	21.2		12 - 46
		Day 29	2020-07-31 12:26 (36)	29.0		12 - 46
		Day 57	2020-08-25 08:38 (26)	19.9		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-10 09:00 (-16)	0.42		0 - 1.2
		Day 29	2020-07-31 12:26 (36)	0.50		0 - 1.2
		Day 57	2020-08-25 08:38 (26)	0.40		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-10 09:00 (-16)	6.4		0 - 11
		Day 29	2020-07-31 12:26 (36)	7.7		0 - 11
		Day 57	2020-08-25 08:38 (26)	6.7		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-10 09:00 (-16)	4.48		1.7 - 7.9
		Day 29	2020-07-31 12:26 (36)	3.86		1.7 - 7.9
		Day 57	2020-08-25 08:38 (26)	4.12		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031104	Neutrophils/Leukocytes (%)	Screening	2020-06-10 09:00 (-16)	68.8		34 - 71
		Day 29	2020-07-31 12:26 (36)	59.1		34 - 71
		Day 57	2020-08-25 08:38 (26)	69.5		34 - 71
	Platelets (10^9/L)	Screening	2020-06-10 09:00 (-16)	270		163 - 375
		Day 29	2020-07-31 12:26 (36)	285		163 - 375
		Day 57	2020-08-25 08:38 (26)	236		163 - 375
US2031105	Basophils (10^9/L)	Screening	2020-06-10 11:23 (-16)	0.04		0 - 0.3
		Day 29	2020-07-28 08:12 (33)	0.05		0 - 0.3
		Day 57	2020-08-24 08:00 (28)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-10 11:23 (-16)	0.6		0 - 3
		Day 29	2020-07-28 08:12 (33)	0.7		0 - 3
		Day 57	2020-08-24 08:00 (28)	0.6		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031105	Eosinophils (10^9/L)	Screening	2020-06-10 11:23 (-16)	0.13		0 - 0.8
		Day 29	2020-07-28 08:12 (33)	0.09		0 - 0.8
		Day 57	2020-08-24 08:00 (28)	0.13		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-10 11:23 (-16)	1.8		0 - 7
		Day 29	2020-07-28 08:12 (33)	1.2		0 - 7
		Day 57	2020-08-24 08:00 (28)	2.0		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-10 11:23 (-16)	4.83		3.7 - 5.2
		Day 29	2020-07-28 08:12 (33)	4.79		3.7 - 5.2
		Day 57	2020-08-24 08:00 (28)	4.55		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-10 11:23 (-16)	0.459		0.33 - 0.47
		Day 29	2020-07-28 08:12 (33)	0.465		0.33 - 0.47
		Day 57	2020-08-24 08:00 (28)	0.442		0.33 - 0.47

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031105	Hemoglobin (g/L)	Screening	2020-06-10 11:23 (-16)	138		110 - 155
		Day 29	2020-07-28 08:12 (33)	134	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-24 08:00 (28)	129	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-10 11:23 (-16)	<0.03		0 - 0.07
		Day 29	2020-07-28 08:12 (33)	<0.03		0 - 0.07
		Day 57	2020-08-24 08:00 (28)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-10 11:23 (-16)	0.3		0 - 1
		Day 29	2020-07-28 08:12 (33)	0.3		0 - 1
		Day 57	2020-08-24 08:00 (28)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-10 11:23 (-16)	7.07		3.7 - 11
		Day 29	2020-07-28 08:12 (33)	7.22		3.7 - 11
		Day 57	2020-08-24 08:00 (28)	6.59		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031105	Lymphocytes (10^9/L)	Screening	2020-06-10 11:23 (-16)	2.94		0.9 - 3.6
		Day 29	2020-07-28 08:12 (33)	2.85		0.9 - 3.6
		Day 57	2020-08-24 08:00 (28)	2.69		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-10 11:23 (-16)	41.6		12 - 46
		Day 29	2020-07-28 08:12 (33)	39.5		12 - 46
		Day 57	2020-08-24 08:00 (28)	40.8		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-10 11:23 (-16)	0.41		0 - 1.2
		Day 29	2020-07-28 08:12 (33)	0.44		0 - 1.2
		Day 57	2020-08-24 08:00 (28)	0.38		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-10 11:23 (-16)	5.8		0 - 11
		Day 29	2020-07-28 08:12 (33)	6.1		0 - 11
		Day 57	2020-08-24 08:00 (28)	5.8		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031105	Neutrophils (10^9/L)	Screening	2020-06-10 11:23 (-16)	3.53		1.7 - 7.9
		Day 29	2020-07-28 08:12 (33)	3.77		1.7 - 7.9
		Day 57	2020-08-24 08:00 (28)	3.33		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-10 11:23 (-16)	49.9		34 - 71
		Day 29	2020-07-28 08:12 (33)	52.2		34 - 71
		Day 57	2020-08-24 08:00 (28)	50.5		34 - 71
	Platelets (10^9/L)	Screening	2020-06-10 11:23 (-16)	341		163 - 375
		Day 29	2020-07-28 08:12 (33)	354		163 - 375
		Day 57	2020-08-24 08:00 (28)	329		163 - 375
US2031106	Basophils (10^9/L)	Screening	2020-06-10 14:10 (-16)	0.07		0 - 0.3
		Day 29	2020-07-29 16:34 (34)	0.08		0 - 0.3
		Day 57	2020-08-27 11:15 (30)	0.06		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031106	Basophils/Leukocytes (%)	Screening	2020-06-10 14:10 (-16)	0.8		0 - 3
		Day 29	2020-07-29 16:34 (34)	0.8		0 - 3
		Day 57	2020-08-27 11:15 (30)	0.7		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-10 14:10 (-16)	0.36		0 - 0.8
		Day 29	2020-07-29 16:34 (34)	0.28		0 - 0.8
		Day 57	2020-08-27 11:15 (30)	0.24		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-10 14:10 (-16)	4.1		0 - 7
		Day 29	2020-07-29 16:34 (34)	3.0		0 - 7
		Day 57	2020-08-27 11:15 (30)	2.9		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-10 14:10 (-16)	5.02		3.7 - 5.2
		Day 29	2020-07-29 16:34 (34)	4.93		3.7 - 5.2
		Day 57	2020-08-27 11:15 (30)	4.74		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031106	Hematocrit (L/L)	Screening	2020-06-10 14:10 (-16)	0.482 (H)		0.33 - 0.47
		Day 29	2020-07-29 16:34 (34)	0.474 (H)		0.33 - 0.47
		Day 57	2020-08-27 11:15 (30)	0.474 (H)		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-10 14:10 (-16)	152		110 - 155
		Day 29	2020-07-29 16:34 (34)	154		110 - 155
		Day 57	2020-08-27 11:15 (30)	148	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-10 14:10 (-16)	<0.03		0 - 0.07
		Day 29	2020-07-29 16:34 (34)	0.03		0 - 0.07
		Day 57	2020-08-27 11:15 (30)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-10 14:10 (-16)	0.2		0 - 1
		Day 29	2020-07-29 16:34 (34)	0.3		0 - 1
		Day 57	2020-08-27 11:15 (30)	0.2		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031106	Leukocytes (10^9/L)	Screening	2020-06-10 14:10 (-16)	8.83		3.7 - 11
		Day 29	2020-07-29 16:34 (34)	9.43		3.7 - 11
		Day 57	2020-08-27 11:15 (30)	8.31		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-10 14:10 (-16)	2.61		0.9 - 3.6
		Day 29	2020-07-29 16:34 (34)	3.01		0.9 - 3.6
		Day 57	2020-08-27 11:15 (30)	2.59		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-10 14:10 (-16)	29.6		12 - 46
		Day 29	2020-07-29 16:34 (34)	31.9		12 - 46
		Day 57	2020-08-27 11:15 (30)	31.2		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-10 14:10 (-16)	0.60		0 - 1.2
		Day 29	2020-07-29 16:34 (34)	0.69		0 - 1.2
		Day 57	2020-08-27 11:15 (30)	0.50		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031106	Monocytes/Leukocytes (%)	Screening	2020-06-10 14:10 (-16)	6.8		0 - 11
		Day 29	2020-07-29 16:34 (34)	7.3		0 - 11
		Day 57	2020-08-27 11:15 (30)	6.0		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-10 14:10 (-16)	5.17		1.7 - 7.9
		Day 29	2020-07-29 16:34 (34)	5.34		1.7 - 7.9
		Day 57	2020-08-27 11:15 (30)	4.90		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-10 14:10 (-16)	58.5		34 - 71
		Day 29	2020-07-29 16:34 (34)	56.7		34 - 71
		Day 57	2020-08-27 11:15 (30)	59.0		34 - 71
	Platelets (10^9/L)	Screening	2020-06-10 14:10 (-16)	311		163 - 375
		Day 29	2020-07-29 16:34 (34)	317		163 - 375
		Day 57	2020-08-27 11:15 (30)	275		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031107	Basophils (10^9/L)	Screening	2020-06-10 14:30 (-19)	0.06		0 - 0.3
		Day 29	2020-07-27 12:15 (29)	0.06		0 - 0.3
		Day 57	2020-09-02 08:18 (38)	0.06		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-10 14:30 (-19)	0.8		0 - 3
		Day 29	2020-07-27 12:15 (29)	0.9		0 - 3
		Day 57	2020-09-02 08:18 (38)	1.0		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-10 14:30 (-19)	0.12		0 - 0.8
		Day 29	2020-07-27 12:15 (29)	0.10		0 - 0.8
		Day 57	2020-09-02 08:18 (38)	0.12		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-10 14:30 (-19)	1.6		0 - 7
		Day 29	2020-07-27 12:15 (29)	1.5		0 - 7
		Day 57	2020-09-02 08:18 (38)	1.9		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031107	Erythrocytes (10^12/L)	Screening	2020-06-10 14:30 (-19)	4.33		3.7 - 5.2
		Day 29	2020-07-27 12:15 (29)	4.40		3.7 - 5.2
		Day 57	2020-09-02 08:18 (38)	4.27		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-10 14:30 (-19)	0.425		0.33 - 0.47
		Day 29	2020-07-27 12:15 (29)	0.453		0.33 - 0.47
		Day 57	2020-09-02 08:18 (38)	0.430		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-10 14:30 (-19)	138		110 - 155
		Day 29	2020-07-27 12:15 (29)	142		110 - 155
		Day 57	2020-09-02 08:18 (38)	134	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-10 14:30 (-19)	<0.03		0 - 0.07
		Day 29	2020-07-27 12:15 (29)	<0.03		0 - 0.07
		Day 57	2020-09-02 08:18 (38)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031107	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-10 14:30 (-19)	0.1		0 - 1
		Day 29	2020-07-27 12:15 (29)	0.2		0 - 1
		Day 57	2020-09-02 08:18 (38)	0.0		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-10 14:30 (-19)	7.50		3.7 - 11
		Day 29	2020-07-27 12:15 (29)	6.48		3.7 - 11
		Day 57	2020-09-02 08:18 (38)	6.29		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-10 14:30 (-19)	2.65		0.9 - 3.6
		Day 29	2020-07-27 12:15 (29)	2.48		0.9 - 3.6
		Day 57	2020-09-02 08:18 (38)	2.13		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-10 14:30 (-19)	35.3		12 - 46
		Day 29	2020-07-27 12:15 (29)	38.3		12 - 46
		Day 57	2020-09-02 08:18 (38)	33.9		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031107	Monocytes (10^9/L)	Screening	2020-06-10 14:30 (-19)	0.52		0 - 1.2
		Day 29	2020-07-27 12:15 (29)	0.43		0 - 1.2
		Day 57	2020-09-02 08:18 (38)	0.54		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-10 14:30 (-19)	6.9		0 - 11
		Day 29	2020-07-27 12:15 (29)	6.6		0 - 11
		Day 57	2020-09-02 08:18 (38)	8.6		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-10 14:30 (-19)	4.14		1.7 - 7.9
		Day 29	2020-07-27 12:15 (29)	3.40		1.7 - 7.9
		Day 57	2020-09-02 08:18 (38)	3.44		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-10 14:30 (-19)	55.3		34 - 71
		Day 29	2020-07-27 12:15 (29)	52.5		34 - 71
		Day 57	2020-09-02 08:18 (38)	54.6		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031107	Platelets (10^9/L)	Screening	2020-06-10 14:30 (-19)	263		163 - 375
		Day 29	2020-07-27 12:15 (29)	260		163 - 375
		Day 57	2020-09-02 08:18 (38)	264		163 - 375
US2031108	Basophils (10^9/L)	Screening	2020-06-10 14:49 (-26)	<0.03		0 - 0.3
		Day 29	2020-08-03 09:18 (29)	<0.03		0 - 0.3
		Day 57	2020-08-28 08:12 (26)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-10 14:49 (-26)	0.4		0 - 3
		Day 29	2020-08-03 09:18 (29)	0.4		0 - 3
		Day 57	2020-08-28 08:12 (26)	0.5		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-10 14:49 (-26)	0.12		0 - 0.8
		Day 29	2020-08-03 09:18 (29)	0.11		0 - 0.8
		Day 57	2020-08-28 08:12 (26)	0.09		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031108	Eosinophils/Leukocytes (%)	Screening	2020-06-10 14:49 (-26)	2.1		0 - 7
		Day 29	2020-08-03 09:18 (29)	2.3		0 - 7
		Day 57	2020-08-28 08:12 (26)	2.2		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-10 14:49 (-26)	4.62		3.7 - 5.2
		Day 29	2020-08-03 09:18 (29)	4.64		3.7 - 5.2
		Day 57	2020-08-28 08:12 (26)	4.59		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-10 14:49 (-26)	0.451		0.33 - 0.47
		Day 29	2020-08-03 09:18 (29)	0.460		0.33 - 0.47
		Day 57	2020-08-28 08:12 (26)	0.460		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-10 14:49 (-26)	140		110 - 155
		Day 29	2020-08-03 09:18 (29)	142		110 - 155
		Day 57	2020-08-28 08:12 (26)	139	G1 Hemoglobin Decreased	110 - 155

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031108	Immature Granulocytes (10^9/L)	Screening	2020-06-10 14:49 (-26)	<0.03		0 - 0.07
		Day 29	2020-08-03 09:18 (29)	<0.03		0 - 0.07
		Day 57	2020-08-28 08:12 (26)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-10 14:49 (-26)	0.2		0 - 1
		Day 29	2020-08-03 09:18 (29)	0.0		0 - 1
		Day 57	2020-08-28 08:12 (26)	0.5		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-10 14:49 (-26)	5.65		3.7 - 11
		Day 29	2020-08-03 09:18 (29)	4.78		3.7 - 11
		Day 57	2020-08-28 08:12 (26)	4.08		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-10 14:49 (-26)	1.68		0.9 - 3.6
		Day 29	2020-08-03 09:18 (29)	1.36		0.9 - 3.6
		Day 57	2020-08-28 08:12 (26)	1.23		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031108	Lymphocytes/Leukocytes (%)	Screening	2020-06-10 14:49 (-26)	29.7		12 - 46
		Day 29	2020-08-03 09:18 (29)	28.5		12 - 46
		Day 57	2020-08-28 08:12 (26)	30.1		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-10 14:49 (-26)	0.51		0 - 1.2
		Day 29	2020-08-03 09:18 (29)	0.53		0 - 1.2
		Day 57	2020-08-28 08:12 (26)	0.39		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-10 14:49 (-26)	9.0		0 - 11
		Day 29	2020-08-03 09:18 (29)	11.1 (H)		0 - 11
		Day 57	2020-08-28 08:12 (26)	9.6		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-10 14:49 (-26)	3.31		1.7 - 7.9
		Day 29	2020-08-03 09:18 (29)	2.76		1.7 - 7.9
		Day 57	2020-08-28 08:12 (26)	2.33		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031108	Neutrophils/Leukocytes (%)	Screening	2020-06-10 14:49 (-26)	58.6		34 - 71
		Day 29	2020-08-03 09:18 (29)	57.7		34 - 71
		Day 57	2020-08-28 08:12 (26)	57.1		34 - 71
	Platelets (10^9/L)	Screening	2020-06-10 14:49 (-26)	261		163 - 375
		Day 29	2020-08-03 09:18 (29)	240		163 - 375
		Day 57	2020-08-28 08:12 (26)	274		163 - 375
US2031109	Basophils (10^9/L)	Screening	2020-06-10 15:08 (-16)	0.04		0 - 0.3
		Day 29	2020-07-27 10:20 (32)	0.03		0 - 0.3
		Day 57	2020-08-24 09:11 (29)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-10 15:08 (-16)	0.7		0 - 3
		Day 29	2020-07-27 10:20 (32)	0.8		0 - 3
		Day 57	2020-08-24 09:11 (29)	0.8		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031109	Eosinophils (10^9/L)	Screening	2020-06-10 15:08 (-16)	0.05		0 - 0.8
		Day 29	2020-07-27 10:20 (32)	0.05		0 - 0.8
		Day 57	2020-08-24 09:11 (29)	0.06		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-10 15:08 (-16)	0.9		0 - 7
		Day 29	2020-07-27 10:20 (32)	1.3		0 - 7
		Day 57	2020-08-24 09:11 (29)	1.7		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-10 15:08 (-16)	4.54		3.7 - 5.2
		Day 29	2020-07-27 10:20 (32)	4.18		3.7 - 5.2
		Day 57	2020-08-24 09:11 (29)	4.21		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-10 15:08 (-16)	0.454		0.33 - 0.47
		Day 29	2020-07-27 10:20 (32)	0.440		0.33 - 0.47
		Day 57	2020-08-24 09:11 (29)	0.438		0.33 - 0.47

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031109	Hemoglobin (g/L)	Screening	2020-06-10 15:08 (-16)	142		110 - 155
		Day 29	2020-07-27 10:20 (32)	131	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-24 09:11 (29)	132	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-10 15:08 (-16)	<0.03		0 - 0.07
		Day 29	2020-07-27 10:20 (32)	<0.03		0 - 0.07
		Day 57	2020-08-24 09:11 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-10 15:08 (-16)	0.3		0 - 1
		Day 29	2020-07-27 10:20 (32)	0.0		0 - 1
		Day 57	2020-08-24 09:11 (29)	0.6		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-10 15:08 (-16)	5.82		3.7 - 11
		Day 29	2020-07-27 10:20 (32)	3.78		3.7 - 11
		Day 57	2020-08-24 09:11 (29)	3.54 (L)		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031109	Lymphocytes (10^9/L)	Screening	2020-06-10 15:08 (-16)	1.67		0.9 - 3.6
		Day 29	2020-07-27 10:20 (32)	1.40		0.9 - 3.6
		Day 57	2020-08-24 09:11 (29)	1.30		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-10 15:08 (-16)	28.7		12 - 46
		Day 29	2020-07-27 10:20 (32)	37.0		12 - 46
		Day 57	2020-08-24 09:11 (29)	36.7		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-10 15:08 (-16)	0.50		0 - 1.2
		Day 29	2020-07-27 10:20 (32)	0.36		0 - 1.2
		Day 57	2020-08-24 09:11 (29)	0.36		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-10 15:08 (-16)	8.6		0 - 11
		Day 29	2020-07-27 10:20 (32)	9.5		0 - 11
		Day 57	2020-08-24 09:11 (29)	10.2		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031109	Neutrophils (10^9/L)	Screening	2020-06-10 15:08 (-16)	3.54		1.7 - 7.9
		Day 29	2020-07-27 10:20 (32)	1.94	G1 Neutrophils Decreased	1.7 - 7.9
		Day 57	2020-08-24 09:11 (29)	1.77	G1 Neutrophils Decreased	1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-10 15:08 (-16)	60.8		34 - 71
		Day 29	2020-07-27 10:20 (32)	51.4		34 - 71
		Day 57	2020-08-24 09:11 (29)	50.0		34 - 71
	Platelets (10^9/L)	Screening	2020-06-10 15:08 (-16)	305		163 - 375
		Day 29	2020-07-27 10:20 (32)	279		163 - 375
		Day 57	2020-08-24 09:11 (29)	267		163 - 375
US2031114	Basophils (10^9/L)	Screening	2020-06-11 08:24 (-20)	0.03		0 - 0.3
		Day 29	2020-07-29 08:34 (29)	<0.03		0 - 0.3
		Day 57	2020-08-27 08:07 (30)	0.03		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031114	Basophils/Leukocytes (%)	Screening	2020-06-11 08:24 (-20)	0.7		0 - 3
		Day 29	2020-07-29 08:34 (29)	0.4		0 - 3
		Day 57	2020-08-27 08:07 (30)	0.7		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-11 08:24 (-20)	0.10		0 - 0.8
		Day 29	2020-07-29 08:34 (29)	0.13		0 - 0.8
		Day 57	2020-08-27 08:07 (30)	0.13		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-11 08:24 (-20)	2.2		0 - 7
		Day 29	2020-07-29 08:34 (29)	2.8		0 - 7
		Day 57	2020-08-27 08:07 (30)	2.9		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-11 08:24 (-20)	4.61		3.7 - 5.2
		Day 29	2020-07-29 08:34 (29)	4.26		3.7 - 5.2
		Day 57	2020-08-27 08:07 (30)	4.17		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031114	Hematocrit (L/L)	Screening	2020-06-11 08:24 (-20)	0.456		0.33 - 0.47
		Day 29	2020-07-29 08:34 (29)	0.417		0.33 - 0.47
		Day 57	2020-08-27 08:07 (30)	0.418		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-11 08:24 (-20)	135		110 - 155
		Day 29	2020-07-29 08:34 (29)	126	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-27 08:07 (30)	123	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-11 08:24 (-20)	<0.03		0 - 0.07
		Day 29	2020-07-29 08:34 (29)	<0.03		0 - 0.07
		Day 57	2020-08-27 08:07 (30)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-11 08:24 (-20)	0.2		0 - 1
		Day 29	2020-07-29 08:34 (29)	0.2		0 - 1
		Day 57	2020-08-27 08:07 (30)	0.2		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031114	Leukocytes (10^9/L)	Screening	2020-06-11 08:24 (-20)	4.58		3.7 - 11
		Day 29	2020-07-29 08:34 (29)	4.70		3.7 - 11
		Day 57	2020-08-27 08:07 (30)	4.44		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-11 08:24 (-20)	1.48		0.9 - 3.6
		Day 29	2020-07-29 08:34 (29)	1.39		0.9 - 3.6
		Day 57	2020-08-27 08:07 (30)	1.36		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-11 08:24 (-20)	32.3		12 - 46
		Day 29	2020-07-29 08:34 (29)	29.6		12 - 46
		Day 57	2020-08-27 08:07 (30)	30.6		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-11 08:24 (-20)	0.39		0 - 1.2
		Day 29	2020-07-29 08:34 (29)	0.44		0 - 1.2
		Day 57	2020-08-27 08:07 (30)	0.31		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031114	Monocytes/Leukocytes (%)	Screening	2020-06-11 08:24 (-20)	8.5		0 - 11
		Day 29	2020-07-29 08:34 (29)	9.4		0 - 11
		Day 57	2020-08-27 08:07 (30)	7.0		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-11 08:24 (-20)	2.57		1.7 - 7.9
		Day 29	2020-07-29 08:34 (29)	2.71		1.7 - 7.9
		Day 57	2020-08-27 08:07 (30)	2.60		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-11 08:24 (-20)	56.1		34 - 71
		Day 29	2020-07-29 08:34 (29)	57.6		34 - 71
		Day 57	2020-08-27 08:07 (30)	58.6		34 - 71
	Platelets (10^9/L)	Screening	2020-06-11 08:24 (-20)	203		163 - 375
		Day 29	2020-07-29 08:34 (29)	182		163 - 375
		Day 57	2020-08-27 08:07 (30)	172		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031121	Basophils (10^9/L)	Screening	2020-06-12 14:02 (-18)	0.03		0 - 0.3
		Day 29	2020-07-28 13:37 (29)	0.03		0 - 0.3
		Day 57	2020-08-24 13:23 (28)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-12 14:02 (-18)	0.6		0 - 3
		Day 29	2020-07-28 13:37 (29)	0.5		0 - 3
		Day 57	2020-08-24 13:23 (28)	0.6		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-12 14:02 (-18)	0.07		0 - 0.8
		Day 29	2020-07-28 13:37 (29)	0.08		0 - 0.8
		Day 57	2020-08-24 13:23 (28)	0.13		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-12 14:02 (-18)	1.3		0 - 7
		Day 29	2020-07-28 13:37 (29)	1.4		0 - 7
		Day 57	2020-08-24 13:23 (28)	2.5		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031121	Erythrocytes (10^12/L)	Screening	2020-06-12 14:02 (-18)	4.39		3.7 - 5.2
		Day 29	2020-07-28 13:37 (29)	4.17		3.7 - 5.2
		Day 57	2020-08-24 13:23 (28)	4.35		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-12 14:02 (-18)	0.433		0.33 - 0.47
		Day 29	2020-07-28 13:37 (29)	0.405		0.33 - 0.47
		Day 57	2020-08-24 13:23 (28)	0.435		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-12 14:02 (-18)	135		110 - 155
		Day 29	2020-07-28 13:37 (29)	128	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-24 13:23 (28)	132	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-12 14:02 (-18)	<0.03		0 - 0.07
		Day 29	2020-07-28 13:37 (29)	<0.03		0 - 0.07
		Day 57	2020-08-24 13:23 (28)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031121	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-12 14:02 (-18)	0.2		0 - 1
		Day 29	2020-07-28 13:37 (29)	0.2		0 - 1
		Day 57	2020-08-24 13:23 (28)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-12 14:02 (-18)	5.31		3.7 - 11
		Day 29	2020-07-28 13:37 (29)	5.57		3.7 - 11
		Day 57	2020-08-24 13:23 (28)	5.12		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-12 14:02 (-18)	1.94		0.9 - 3.6
		Day 29	2020-07-28 13:37 (29)	1.96		0.9 - 3.6
		Day 57	2020-08-24 13:23 (28)	1.64		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-12 14:02 (-18)	36.5		12 - 46
		Day 29	2020-07-28 13:37 (29)	35.2		12 - 46
		Day 57	2020-08-24 13:23 (28)	32.0		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031121	Monocytes (10^9/L)	Screening	2020-06-12 14:02 (-18)	0.48		0 - 1.2
		Day 29	2020-07-28 13:37 (29)	0.49		0 - 1.2
		Day 57	2020-08-24 13:23 (28)	0.37		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-12 14:02 (-18)	9.0		0 - 11
		Day 29	2020-07-28 13:37 (29)	8.8		0 - 11
		Day 57	2020-08-24 13:23 (28)	7.2		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-12 14:02 (-18)	2.78		1.7 - 7.9
		Day 29	2020-07-28 13:37 (29)	3.00		1.7 - 7.9
		Day 57	2020-08-24 13:23 (28)	2.94		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-12 14:02 (-18)	52.4		34 - 71
		Day 29	2020-07-28 13:37 (29)	53.9		34 - 71
		Day 57	2020-08-24 13:23 (28)	57.5		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031121	Platelets (10^9/L)	Screening	2020-06-12 14:02 (-18)	239		163 - 375
		Day 29	2020-07-28 13:37 (29)	247		163 - 375
		Day 57	2020-08-24 13:23 (28)	228		163 - 375
US2031128	Basophils (10^9/L)	Screening	2020-06-23 13:54 (-8)	<0.03		0 - 0.3
		Day 29	2020-07-29 12:44 (29)	0.03		0 - 0.3
		Day 57	2020-08-26 13:21 (29)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-23 13:54 (-8)	0.3		0 - 3
		Day 29	2020-07-29 12:44 (29)	0.4		0 - 3
		Day 57	2020-08-26 13:21 (29)	0.3		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-23 13:54 (-8)	0.12		0 - 0.8
		Day 29	2020-07-29 12:44 (29)	0.18		0 - 0.8
		Day 57	2020-08-26 13:21 (29)	0.16		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031128	Eosinophils/Leukocytes (%)	Screening	2020-06-23 13:54 (-8)	1.7		0 - 7
		Day 29	2020-07-29 12:44 (29)	2.5		0 - 7
		Day 57	2020-08-26 13:21 (29)	2.1		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-23 13:54 (-8)	4.61		3.7 - 5.2
		Day 29	2020-07-29 12:44 (29)	4.55		3.7 - 5.2
		Day 57	2020-08-26 13:21 (29)	4.40		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-23 13:54 (-8)	0.437		0.33 - 0.47
		Day 29	2020-07-29 12:44 (29)	0.451		0.33 - 0.47
		Day 57	2020-08-26 13:21 (29)	0.452		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-23 13:54 (-8)	138		110 - 155
		Day 29	2020-07-29 12:44 (29)	138		110 - 155
		Day 57	2020-08-26 13:21 (29)	132	G1 Hemoglobin Decreased	110 - 155

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031128	Immature Granulocytes (10^9/L)	Screening	2020-06-23 13:54 (-8)	<0.03		0 - 0.07
		Day 29	2020-07-29 12:44 (29)	0.03		0 - 0.07
		Day 57	2020-08-26 13:21 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-23 13:54 (-8)	0.3		0 - 1
		Day 29	2020-07-29 12:44 (29)	0.4		0 - 1
		Day 57	2020-08-26 13:21 (29)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-23 13:54 (-8)	7.24		3.7 - 11
		Day 29	2020-07-29 12:44 (29)	7.23		3.7 - 11
		Day 57	2020-08-26 13:21 (29)	7.75		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-23 13:54 (-8)	2.29		0.9 - 3.6
		Day 29	2020-07-29 12:44 (29)	2.17		0.9 - 3.6
		Day 57	2020-08-26 13:21 (29)	2.64		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031128	Lymphocytes/Leukocytes (%)	Screening	2020-06-23 13:54 (-8)	31.6		12 - 46
		Day 29	2020-07-29 12:44 (29)	30.0		12 - 46
		Day 57	2020-08-26 13:21 (29)	34.1		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-23 13:54 (-8)	0.46		0 - 1.2
		Day 29	2020-07-29 12:44 (29)	0.60		0 - 1.2
		Day 57	2020-08-26 13:21 (29)	0.55		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-23 13:54 (-8)	6.4		0 - 11
		Day 29	2020-07-29 12:44 (29)	8.3		0 - 11
		Day 57	2020-08-26 13:21 (29)	7.1		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-23 13:54 (-8)	4.33		1.7 - 7.9
		Day 29	2020-07-29 12:44 (29)	4.22		1.7 - 7.9
		Day 57	2020-08-26 13:21 (29)	4.36		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031128	Neutrophils/Leukocytes (%)	Screening	2020-06-23 13:54 (-8)	59.7		34 - 71
		Day 29	2020-07-29 12:44 (29)	58.4		34 - 71
		Day 57	2020-08-26 13:21 (29)	56.1		34 - 71
	Platelets (10^9/L)	Screening	2020-06-23 13:54 (-8)	278		163 - 375
		Day 29	2020-07-29 12:44 (29)	281		163 - 375
		Day 57	2020-08-26 13:21 (29)	258		163 - 375
US2041094	Basophils (10^9/L)	Screening	2020-06-08 15:28 (-18)	0.03		0 - 0.3
		Day 29	2020-07-24 13:35 (29)	<0.03		0 - 0.3
		Day 57	2020-08-20 13:36 (28)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-08 15:28 (-18)	0.5		0 - 3
		Day 29	2020-07-24 13:35 (29)	0.4		0 - 3
		Day 57	2020-08-20 13:36 (28)	0.4		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041094	Eosinophils (10^9/L)	Screening	2020-06-08 15:28 (-18)	0.16		0 - 0.8
		Day 29	2020-07-24 13:35 (29)	0.19		0 - 0.8
		Day 57	2020-08-20 13:36 (28)	0.21		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-08 15:28 (-18)	2.7		0 - 7
		Day 29	2020-07-24 13:35 (29)	3.4		0 - 7
		Day 57	2020-08-20 13:36 (28)	4.0		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-08 15:28 (-18)	4.60		3.7 - 5.2
		Day 29	2020-07-24 13:35 (29)	4.32		3.7 - 5.2
		Day 57	2020-08-20 13:36 (28)	4.18		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-08 15:28 (-18)	0.454		0.33 - 0.47
		Day 29	2020-07-24 13:35 (29)	0.433		0.33 - 0.47
		Day 57	2020-08-20 13:36 (28)	0.404		0.33 - 0.47

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041094	Hemoglobin (g/L)	Screening	2020-06-08 15:28 (-18)	143		110 - 155
		Day 29	2020-07-24 13:35 (29)	134	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-20 13:36 (28)	129	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-08 15:28 (-18)	<0.03		0 - 0.07
		Day 29	2020-07-24 13:35 (29)	<0.03		0 - 0.07
		Day 57	2020-08-20 13:36 (28)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-08 15:28 (-18)	0.2		0 - 1
		Day 29	2020-07-24 13:35 (29)	0.2		0 - 1
		Day 57	2020-08-20 13:36 (28)	0.4		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-08 15:28 (-18)	5.86		3.7 - 11
		Day 29	2020-07-24 13:35 (29)	5.66		3.7 - 11
		Day 57	2020-08-20 13:36 (28)	5.28		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041094	Lymphocytes (10^9/L)	Screening	2020-06-08 15:28 (-18)	1.61		0.9 - 3.6
		Day 29	2020-07-24 13:35 (29)	1.70		0.9 - 3.6
		Day 57	2020-08-20 13:36 (28)	1.44		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-08 15:28 (-18)	27.5		12 - 46
		Day 29	2020-07-24 13:35 (29)	30.0		12 - 46
		Day 57	2020-08-20 13:36 (28)	27.3		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-08 15:28 (-18)	0.38		0 - 1.2
		Day 29	2020-07-24 13:35 (29)	0.44		0 - 1.2
		Day 57	2020-08-20 13:36 (28)	0.34		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-08 15:28 (-18)	6.5		0 - 11
		Day 29	2020-07-24 13:35 (29)	7.8		0 - 11
		Day 57	2020-08-20 13:36 (28)	6.4		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041094	Neutrophils (10^9/L)	Screening	2020-06-08 15:28 (-18)	3.67		1.7 - 7.9
		Day 29	2020-07-24 13:35 (29)	3.30		1.7 - 7.9
		Day 57	2020-08-20 13:36 (28)	3.25		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-08 15:28 (-18)	62.6		34 - 71
		Day 29	2020-07-24 13:35 (29)	58.2		34 - 71
		Day 57	2020-08-20 13:36 (28)	61.5		34 - 71
	Platelets (10^9/L)	Screening	2020-06-08 15:28 (-18)	247		163 - 375
		Day 29	2020-07-24 13:35 (29)	231		163 - 375
		Day 57	2020-08-20 13:36 (28)	256		163 - 375
US2041100	Basophils (10^9/L)	Screening	2020-06-10 08:12 (-19)	<0.03		0 - 0.3
		Day 29	2020-07-28 07:42 (30)	<0.03		0 - 0.3
		Day 57	2020-08-25 07:11 (29)	<0.03		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041100	Basophils/Leukocytes (%)	Screening	2020-06-10 08:12 (-19)	0.4		0 - 3
		Day 29	2020-07-28 07:42 (30)	0.2		0 - 3
		Day 57	2020-08-25 07:11 (29)	0.4		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-10 08:12 (-19)	0.15		0 - 0.8
		Day 29	2020-07-28 07:42 (30)	0.14		0 - 0.8
		Day 57	2020-08-25 07:11 (29)	0.19		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-10 08:12 (-19)	3.2		0 - 7
		Day 29	2020-07-28 07:42 (30)	3.0		0 - 7
		Day 57	2020-08-25 07:11 (29)	3.8		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-10 08:12 (-19)	4.36		3.7 - 5.2
		Day 29	2020-07-28 07:42 (30)	4.25		3.7 - 5.2
		Day 57	2020-08-25 07:11 (29)	4.09		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041100	Hematocrit (L/L)	Screening	2020-06-10 08:12 (-19)	0.421		0.33 - 0.47
		Day 29	2020-07-28 07:42 (30)	0.413		0.33 - 0.47
		Day 57	2020-08-25 07:11 (29)	0.421		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-10 08:12 (-19)	131		110 - 155
		Day 29	2020-07-28 07:42 (30)	128	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-25 07:11 (29)	124	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-10 08:12 (-19)	<0.03		0 - 0.07
		Day 29	2020-07-28 07:42 (30)	<0.03		0 - 0.07
		Day 57	2020-08-25 07:11 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-10 08:12 (-19)	0.2		0 - 1
		Day 29	2020-07-28 07:42 (30)	0.2		0 - 1
		Day 57	2020-08-25 07:11 (29)	0.2		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041100	Leukocytes (10^9/L)	Screening	2020-06-10 08:12 (-19)	4.74		3.7 - 11
		Day 29	2020-07-28 07:42 (30)	4.71		3.7 - 11
		Day 57	2020-08-25 07:11 (29)	5.03		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-10 08:12 (-19)	1.85		0.9 - 3.6
		Day 29	2020-07-28 07:42 (30)	1.80		0.9 - 3.6
		Day 57	2020-08-25 07:11 (29)	2.04		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-10 08:12 (-19)	39.0		12 - 46
		Day 29	2020-07-28 07:42 (30)	38.2		12 - 46
		Day 57	2020-08-25 07:11 (29)	40.6		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-10 08:12 (-19)	0.29		0 - 1.2
		Day 29	2020-07-28 07:42 (30)	0.28		0 - 1.2
		Day 57	2020-08-25 07:11 (29)	0.32		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041100	Monocytes/Leukocytes (%)	Screening	2020-06-10 08:12 (-19)	6.1		0 - 11
		Day 29	2020-07-28 07:42 (30)	5.9		0 - 11
		Day 57	2020-08-25 07:11 (29)	6.4		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-10 08:12 (-19)	2.42		1.7 - 7.9
		Day 29	2020-07-28 07:42 (30)	2.47		1.7 - 7.9
		Day 57	2020-08-25 07:11 (29)	2.45		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-10 08:12 (-19)	51.1		34 - 71
		Day 29	2020-07-28 07:42 (30)	52.5		34 - 71
		Day 57	2020-08-25 07:11 (29)	48.6		34 - 71
	Platelets (10^9/L)	Screening	2020-06-10 08:12 (-19)	214		163 - 375
		Day 29	2020-07-28 07:42 (30)	209		163 - 375
		Day 57	2020-08-25 07:11 (29)	210		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041103	Basophils (10^9/L)	Screening	2020-06-10 11:21 (-16)	0.05		0 - 0.3
		Unscheduled	2020-06-16 10:09 (-10)	0.05		0 - 0.3
		Day 29	2020-07-24 10:40 (29)	0.04		0 - 0.3
		Day 57	2020-08-18 09:24 (26)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-10 11:21 (-16)	0.7		0 - 3
		Unscheduled	2020-06-16 10:09 (-10)	0.7		0 - 3
		Day 29	2020-07-24 10:40 (29)	0.7		0 - 3
		Day 57	2020-08-18 09:24 (26)	0.7		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-10 11:21 (-16)	0.23		0 - 0.8
		Unscheduled	2020-06-16 10:09 (-10)	0.20		0 - 0.8
		Day 29	2020-07-24 10:40 (29)	0.21		0 - 0.8
		Day 57	2020-08-18 09:24 (26)	0.26		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041103	Eosinophils/Leukocytes (%)	Screening	2020-06-10 11:21 (-16)	3.2		0 - 7
		Unscheduled	2020-06-16 10:09 (-10)	2.8		0 - 7
		Day 29	2020-07-24 10:40 (29)	3.7		0 - 7
		Day 57	2020-08-18 09:24 (26)	4.5		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-10 11:21 (-16)	4.87		4.63 - 6.08
		Unscheduled	2020-06-16 10:09 (-10)	4.74		4.63 - 6.08
		Day 29	2020-07-24 10:40 (29)	4.84		4.63 - 6.08
		Day 57	2020-08-18 09:24 (26)	4.83		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-10 11:21 (-16)	0.483		0.37 - 0.51
		Unscheduled	2020-06-16 10:09 (-10)	0.482		0.37 - 0.51
		Day 29	2020-07-24 10:40 (29)	0.492		0.37 - 0.51
		Day 57	2020-08-18 09:24 (26)	0.490		0.37 - 0.51

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041103	Hemoglobin (g/L)	Screening	2020-06-10 11:21 (-16)	155		125 - 170
		Unscheduled	2020-06-16 10:09 (-10)	150		125 - 170
		Day 29	2020-07-24 10:40 (29)	153		125 - 170
		Day 57	2020-08-18 09:24 (26)	152		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-10 11:21 (-16)	<0.03		0 - 0.07
		Unscheduled	2020-06-16 10:09 (-10)	<0.03		0 - 0.07
		Day 29	2020-07-24 10:40 (29)	<0.03		0 - 0.07
		Day 57	2020-08-18 09:24 (26)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-10 11:21 (-16)	0.1		0 - 1
		Unscheduled	2020-06-16 10:09 (-10)	0.3		0 - 1
		Day 29	2020-07-24 10:40 (29)	0.2		0 - 1
		Day 57	2020-08-18 09:24 (26)	0.2		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041103	Leukocytes (10^9/L)	Screening	2020-06-10 11:21 (-16)	7.28		3.7 - 11
		Unscheduled	2020-06-16 10:09 (-10)	7.04		3.7 - 11
		Day 29	2020-07-24 10:40 (29)	5.69		3.7 - 11
		Day 57	2020-08-18 09:24 (26)	5.75		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-10 11:21 (-16)	2.03		0.9 - 3.6
		Unscheduled	2020-06-16 10:09 (-10)	2.08		0.9 - 3.6
		Day 29	2020-07-24 10:40 (29)	1.69		0.9 - 3.6
		Day 57	2020-08-18 09:24 (26)	1.49		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-10 11:21 (-16)	27.9		12 - 46
		Unscheduled	2020-06-16 10:09 (-10)	29.5		12 - 46
		Day 29	2020-07-24 10:40 (29)	29.7		12 - 46
		Day 57	2020-08-18 09:24 (26)	25.9		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041103	Monocytes (10^9/L)	Screening	2020-06-10 11:21 (-16)	0.71		0 - 1.2
		Unscheduled	2020-06-16 10:09 (-10)	0.67		0 - 1.2
		Day 29	2020-07-24 10:40 (29)	0.48		0 - 1.2
		Day 57	2020-08-18 09:24 (26)	0.44		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-10 11:21 (-16)	9.8		0 - 11
		Unscheduled	2020-06-16 10:09 (-10)	9.5		0 - 11
		Day 29	2020-07-24 10:40 (29)	8.4		0 - 11
		Day 57	2020-08-18 09:24 (26)	7.7		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-10 11:21 (-16)	4.25		1.7 - 7.9
		Unscheduled	2020-06-16 10:09 (-10)	4.02		1.7 - 7.9
		Day 29	2020-07-24 10:40 (29)	3.26		1.7 - 7.9
		Day 57	2020-08-18 09:24 (26)	3.51		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041103	Neutrophils/Leukocytes (%)	Screening	2020-06-10 11:21 (-16)	58.3		34 - 71
		Unscheduled	2020-06-16 10:09 (-10)	57.2		34 - 71
		Day 29	2020-07-24 10:40 (29)	57.3		34 - 71
		Day 57	2020-08-18 09:24 (26)	61.0		34 - 71
	Platelets (10^9/L)	Screening	2020-06-10 11:21 (-16)	156 (L)		163 - 375
		Unscheduled	2020-06-16 10:09 (-10)	169		163 - 375
		Day 29	2020-07-24 10:40 (29)	101 (L)	G2 Platelets Decreased	163 - 375
		Day 57	2020-08-18 09:24 (26)	151 (L)		163 - 375
US2041104	Basophils (10^9/L)	Screening	2020-06-10 10:52 (-16)	0.03		0 - 0.3
		Day 29	2020-07-24 10:53 (29)	<0.03		0 - 0.3
		Day 57	2020-08-18 09:43 (26)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-10 10:52 (-16)	0.5		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041104	Basophils/Leukocytes (%)	Day 29	2020-07-24 10:53 (29)	0.4		0 - 3
		Day 57	2020-08-18 09:43 (26)	0.8		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-10 10:52 (-16)	0.07		0 - 0.8
		Day 29	2020-07-24 10:53 (29)	0.11		0 - 0.8
		Day 57	2020-08-18 09:43 (26)	0.13		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-10 10:52 (-16)	1.3		0 - 7
		Day 29	2020-07-24 10:53 (29)	2.1		0 - 7
		Day 57	2020-08-18 09:43 (26)	2.7		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-10 10:52 (-16)	4.03		3.7 - 5.2
		Day 29	2020-07-24 10:53 (29)	3.86		3.7 - 5.2
		Day 57	2020-08-18 09:43 (26)	3.82		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-10 10:52 (-16)	0.396		0.33 - 0.47

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041104	Hematocrit (L/L)	Day 29	2020-07-24 10:53 (29)	0.390		0.33 - 0.47
		Day 57	2020-08-18 09:43 (26)	0.388		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-10 10:52 (-16)	129		110 - 155
		Day 29	2020-07-24 10:53 (29)	120	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-18 09:43 (26)	119	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-10 10:52 (-16)	<0.03		0 - 0.07
		Day 29	2020-07-24 10:53 (29)	<0.03		0 - 0.07
		Day 57	2020-08-18 09:43 (26)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-10 10:52 (-16)	0.2		0 - 1
		Day 29	2020-07-24 10:53 (29)	0.4		0 - 1
		Day 57	2020-08-18 09:43 (26)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-10 10:52 (-16)	5.53		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041104	Leukocytes (10^9/L)	Day 29	2020-07-24 10:53 (29)	5.36		3.7 - 11
		Day 57	2020-08-18 09:43 (26)	4.89		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-10 10:52 (-16)	1.70		0.9 - 3.6
		Day 29	2020-07-24 10:53 (29)	1.81		0.9 - 3.6
		Day 57	2020-08-18 09:43 (26)	1.81		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-10 10:52 (-16)	30.7		12 - 46
		Day 29	2020-07-24 10:53 (29)	33.8		12 - 46
		Day 57	2020-08-18 09:43 (26)	37.0		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-10 10:52 (-16)	0.47		0 - 1.2
		Day 29	2020-07-24 10:53 (29)	0.41		0 - 1.2
		Day 57	2020-08-18 09:43 (26)	0.41		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-10 10:52 (-16)	8.5		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041104	Monocytes/Leukocytes (%)	Day 29	2020-07-24 10:53 (29)	7.6		0 - 11
		Day 57	2020-08-18 09:43 (26)	8.4		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-10 10:52 (-16)	3.25		1.7 - 7.9
		Day 29	2020-07-24 10:53 (29)	2.99		1.7 - 7.9
		Day 57	2020-08-18 09:43 (26)	2.49		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-10 10:52 (-16)	58.8		34 - 71
		Day 29	2020-07-24 10:53 (29)	55.7		34 - 71
		Day 57	2020-08-18 09:43 (26)	50.9		34 - 71
	Platelets (10^9/L)	Screening	2020-06-10 10:52 (-16)	294		163 - 375
		Day 29	2020-07-24 10:53 (29)	237		163 - 375
		Day 57	2020-08-18 09:43 (26)	250		163 - 375
US2041106	Basophils (10^9/L)	Screening	2020-06-11 09:02 (-15)	0.05		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041106	Basophils (10^9/L)	Day 29	2020-07-28 10:58 (33)	0.05		0 - 0.3
		Day 57	2020-08-25 10:49 (29)	0.05		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-11 09:02 (-15)	1.2		0 - 3
		Day 29	2020-07-28 10:58 (33)	1.2		0 - 3
		Day 57	2020-08-25 10:49 (29)	1.2		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-11 09:02 (-15)	0.09		0 - 0.8
		Day 29	2020-07-28 10:58 (33)	0.10		0 - 0.8
		Day 57	2020-08-25 10:49 (29)	0.10		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-11 09:02 (-15)	2.2		0 - 7
		Day 29	2020-07-28 10:58 (33)	2.3		0 - 7
		Day 57	2020-08-25 10:49 (29)	2.4		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-11 09:02 (-15)	4.42 (L)		4.63 - 6.08

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041106	Erythrocytes (10^12/L)	Day 29	2020-07-28 10:58 (33)	4.48 (L)		4.63 - 6.08
		Day 57	2020-08-25 10:49 (29)	4.38 (L)		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-11 09:02 (-15)	0.454		0.37 - 0.51
		Day 29	2020-07-28 10:58 (33)	0.443		0.37 - 0.51
		Day 57	2020-08-25 10:49 (29)	0.454		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-11 09:02 (-15)	143		125 - 170
		Day 29	2020-07-28 10:58 (33)	144		125 - 170
		Day 57	2020-08-25 10:49 (29)	142	G1 Hemoglobin Decreased	125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-11 09:02 (-15)	<0.03		0 - 0.07
		Day 29	2020-07-28 10:58 (33)	<0.03		0 - 0.07
		Day 57	2020-08-25 10:49 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-11 09:02 (-15)	0.5		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041106	Immature Granulocytes/Leukocytes (%)	Day 29	2020-07-28 10:58 (33)	0.2		0 - 1
		Day 57	2020-08-25 10:49 (29)	0.5		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-11 09:02 (-15)	4.15		3.7 - 11
		Day 29	2020-07-28 10:58 (33)	4.31		3.7 - 11
		Day 57	2020-08-25 10:49 (29)	4.20		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-11 09:02 (-15)	1.22		0.9 - 3.6
		Day 29	2020-07-28 10:58 (33)	1.58		0.9 - 3.6
		Day 57	2020-08-25 10:49 (29)	1.56		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-11 09:02 (-15)	29.4		12 - 46
		Day 29	2020-07-28 10:58 (33)	36.7		12 - 46
		Day 57	2020-08-25 10:49 (29)	37.1		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-11 09:02 (-15)	0.45		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041106	Monocytes (10^9/L)	Day 29	2020-07-28 10:58 (33)	0.51		0 - 1.2
		Day 57	2020-08-25 10:49 (29)	0.27		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-11 09:02 (-15)	10.8		0 - 11
		Day 29	2020-07-28 10:58 (33)	11.8 (H)		0 - 11
		Day 57	2020-08-25 10:49 (29)	6.4		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-11 09:02 (-15)	2.32		1.7 - 7.9
		Day 29	2020-07-28 10:58 (33)	2.06		1.7 - 7.9
		Day 57	2020-08-25 10:49 (29)	2.20		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-11 09:02 (-15)	55.9		34 - 71
		Day 29	2020-07-28 10:58 (33)	47.8		34 - 71
		Day 57	2020-08-25 10:49 (29)	52.4		34 - 71
	Platelets (10^9/L)	Screening	2020-06-11 09:02 (-15)	189		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041106	Platelets (10^9/L)	Day 29	2020-07-28 10:58 (33)	197		163 - 375
		Day 57	2020-08-25 10:49 (29)	200		163 - 375
US2041109	Basophils (10^9/L)	Screening	2020-06-11 10:10 (-15)	<0.03		0 - 0.3
		Day 29	2020-07-27 11:19 (32)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-11 10:10 (-15)	0.5		0 - 3
		Day 29	2020-07-27 11:19 (32)	0.5		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-11 10:10 (-15)	0.03		0 - 0.8
		Day 29	2020-07-27 11:19 (32)	0.04		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-11 10:10 (-15)	0.7		0 - 7
		Day 29	2020-07-27 11:19 (32)	1.1		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-11 10:10 (-15)	4.55		3.7 - 5.2
		Day 29	2020-07-27 11:19 (32)	4.02		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041109	Hematocrit (L/L)	Screening	2020-06-11 10:10 (-15)	0.462		0.33 - 0.47
		Day 29	2020-07-27 11:19 (32)	0.414		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-11 10:10 (-15)	140		110 - 155
		Day 29	2020-07-27 11:19 (32)	124	G2 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-11 10:10 (-15)	<0.03		0 - 0.07
		Day 29	2020-07-27 11:19 (32)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-11 10:10 (-15)	0.2		0 - 1
		Day 29	2020-07-27 11:19 (32)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-11 10:10 (-15)	4.25		3.7 - 11
		Day 29	2020-07-27 11:19 (32)	3.74		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-11 10:10 (-15)	1.41		0.9 - 3.6
		Day 29	2020-07-27 11:19 (32)	1.41		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041109	Lymphocytes/Leukocytes (%)	Screening	2020-06-11 10:10 (-15)	33.2		12 - 46
		Day 29	2020-07-27 11:19 (32)	37.7		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-11 10:10 (-15)	0.29		0 - 1.2
		Day 29	2020-07-27 11:19 (32)	0.32		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-11 10:10 (-15)	6.8		0 - 11
		Day 29	2020-07-27 11:19 (32)	8.6		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-11 10:10 (-15)	2.49		1.7 - 7.9
		Day 29	2020-07-27 11:19 (32)	1.94	G1 Neutrophils Decreased	1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-11 10:10 (-15)	58.6		34 - 71
		Day 29	2020-07-27 11:19 (32)	51.8		34 - 71
	Platelets (10^9/L)	Screening	2020-06-11 10:10 (-15)	254		163 - 375
		Day 29	2020-07-27 11:19 (32)	218		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041111	Basophils (10^9/L)	Screening	2020-06-11 10:38 (-18)	<0.03		0 - 0.3
		Day 29	2020-07-27 13:40 (29)	0.03		0 - 0.3
		Day 57	2020-08-27 11:11 (32)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-11 10:38 (-18)	0.5		0 - 3
		Day 29	2020-07-27 13:40 (29)	0.6		0 - 3
		Day 57	2020-08-27 11:11 (32)	0.6		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-11 10:38 (-18)	0.21		0 - 0.8
		Day 29	2020-07-27 13:40 (29)	0.31		0 - 0.8
		Day 57	2020-08-27 11:11 (32)	0.30		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-11 10:38 (-18)	5.2		0 - 7
		Day 29	2020-07-27 13:40 (29)	5.8		0 - 7
		Day 57	2020-08-27 11:11 (32)	6.0		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041111	Erythrocytes (10^12/L)	Screening	2020-06-11 10:38 (-18)	4.63		3.7 - 5.2
		Day 29	2020-07-27 13:40 (29)	4.46		3.7 - 5.2
		Day 57	2020-08-27 11:11 (32)	4.54		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-11 10:38 (-18)	0.462		0.33 - 0.47
		Day 29	2020-07-27 13:40 (29)	0.445		0.33 - 0.47
		Day 57	2020-08-27 11:11 (32)	0.454		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-11 10:38 (-18)	145		110 - 155
		Day 29	2020-07-27 13:40 (29)	136	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-27 11:11 (32)	141	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-11 10:38 (-18)	<0.03		0 - 0.07
		Day 29	2020-07-27 13:40 (29)	<0.03		0 - 0.07
		Day 57	2020-08-27 11:11 (32)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041111	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-11 10:38 (-18)	0.0		0 - 1
		Day 29	2020-07-27 13:40 (29)	0.4		0 - 1
		Day 57	2020-08-27 11:11 (32)	0.0		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-11 10:38 (-18)	4.03		3.7 - 11
		Day 29	2020-07-27 13:40 (29)	5.35		3.7 - 11
		Day 57	2020-08-27 11:11 (32)	4.96		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-11 10:38 (-18)	1.57		0.9 - 3.6
		Day 29	2020-07-27 13:40 (29)	1.96		0.9 - 3.6
		Day 57	2020-08-27 11:11 (32)	1.94		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-11 10:38 (-18)	39.0		12 - 46
		Day 29	2020-07-27 13:40 (29)	36.6		12 - 46
		Day 57	2020-08-27 11:11 (32)	39.1		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041111	Monocytes (10^9/L)	Screening	2020-06-11 10:38 (-18)	0.25		0 - 1.2
		Day 29	2020-07-27 13:40 (29)	0.27		0 - 1.2
		Day 57	2020-08-27 11:11 (32)	0.34		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-11 10:38 (-18)	6.2		0 - 11
		Day 29	2020-07-27 13:40 (29)	5.0		0 - 11
		Day 57	2020-08-27 11:11 (32)	6.9		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-11 10:38 (-18)	1.98	G1 Neutrophils Decreased	1.7 - 7.9
		Day 29	2020-07-27 13:40 (29)	2.76		1.7 - 7.9
		Day 57	2020-08-27 11:11 (32)	2.35		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-11 10:38 (-18)	49.1		34 - 71
		Day 29	2020-07-27 13:40 (29)	51.6		34 - 71
		Day 57	2020-08-27 11:11 (32)	47.4		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041111	Platelets (10^9/L)	Screening	2020-06-11 10:38 (-18)	218		163 - 375
		Day 29	2020-07-27 13:40 (29)	194		163 - 375
		Day 57	2020-08-27 11:11 (32)	212		163 - 375
US2041113	Basophils (10^9/L)	Unscheduled	2020-06-19 10:55 (-11)	0.04		0 - 0.3
		Day 29	2020-07-28 13:51 (29)	0.03		0 - 0.3
		Day 57	2020-08-25 14:45 (29)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Unscheduled	2020-06-19 10:55 (-11)	0.8		0 - 3
		Day 29	2020-07-28 13:51 (29)	0.5		0 - 3
		Day 57	2020-08-25 14:45 (29)	0.8		0 - 3
	Eosinophils (10^9/L)	Unscheduled	2020-06-19 10:55 (-11)	0.06		0 - 0.8
		Day 29	2020-07-28 13:51 (29)	0.07		0 - 0.8
		Day 57	2020-08-25 14:45 (29)	0.08		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041113	Eosinophils/Leukocytes (%)	Unscheduled	2020-06-19 10:55 (-11)	1.3		0 - 7
		Day 29	2020-07-28 13:51 (29)	1.1		0 - 7
		Day 57	2020-08-25 14:45 (29)	1.5		0 - 7
	Erythrocytes (10^12/L)	Unscheduled	2020-06-19 10:55 (-11)	4.79		3.7 - 5.2
		Day 29	2020-07-28 13:51 (29)	4.48		3.7 - 5.2
		Day 57	2020-08-25 14:45 (29)	4.26		3.7 - 5.2
	Hematocrit (L/L)	Unscheduled	2020-06-19 10:55 (-11)	0.474 (H)		0.33 - 0.47
		Day 29	2020-07-28 13:51 (29)	0.449		0.33 - 0.47
		Day 57	2020-08-25 14:45 (29)	0.435		0.33 - 0.47
	Hemoglobin (g/L)	Unscheduled	2020-06-19 10:55 (-11)	144		110 - 155
		Day 29	2020-07-28 13:51 (29)	138	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-25 14:45 (29)	130	G1 Hemoglobin Decreased	110 - 155

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041113	Immature Granulocytes (10^9/L)	Unscheduled	2020-06-19 10:55 (-11)	<0.03		0 - 0.07
		Day 29	2020-07-28 13:51 (29)	<0.03		0 - 0.07
		Day 57	2020-08-25 14:45 (29)	0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Unscheduled	2020-06-19 10:55 (-11)	0.2		0 - 1
		Day 29	2020-07-28 13:51 (29)	0.3		0 - 1
		Day 57	2020-08-25 14:45 (29)	0.6		0 - 1
	Leukocytes (10^9/L)	Unscheduled	2020-06-19 10:55 (-11)	4.79		3.7 - 11
		Day 29	2020-07-28 13:51 (29)	6.34		3.7 - 11
		Day 57	2020-08-25 14:45 (29)	5.25		3.7 - 11
	Lymphocytes (10^9/L)	Unscheduled	2020-06-19 10:55 (-11)	1.33		0.9 - 3.6
		Day 29	2020-07-28 13:51 (29)	2.18		0.9 - 3.6
		Day 57	2020-08-25 14:45 (29)	2.13		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041113	Lymphocytes/Leukocytes (%)	Unscheduled	2020-06-19 10:55 (-11)	27.8		12 - 46
		Day 29	2020-07-28 13:51 (29)	34.4		12 - 46
		Day 57	2020-08-25 14:45 (29)	40.6		12 - 46
	Monocytes (10^9/L)	Unscheduled	2020-06-19 10:55 (-11)	0.36		0 - 1.2
		Day 29	2020-07-28 13:51 (29)	0.49		0 - 1.2
		Day 57	2020-08-25 14:45 (29)	0.43		0 - 1.2
	Monocytes/Leukocytes (%)	Unscheduled	2020-06-19 10:55 (-11)	7.5		0 - 11
		Day 29	2020-07-28 13:51 (29)	7.7		0 - 11
		Day 57	2020-08-25 14:45 (29)	8.2		0 - 11
	Neutrophils (10^9/L)	Unscheduled	2020-06-19 10:55 (-11)	2.99		1.7 - 7.9
		Day 29	2020-07-28 13:51 (29)	3.55		1.7 - 7.9
		Day 57	2020-08-25 14:45 (29)	2.54		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041113	Neutrophils/Leukocytes (%)	Unscheduled	2020-06-19 10:55 (-11)	62.4		34 - 71
		Day 29	2020-07-28 13:51 (29)	56.0		34 - 71
		Day 57	2020-08-25 14:45 (29)	48.3		34 - 71
	Platelets (10^9/L)	Unscheduled	2020-06-19 10:55 (-11)	261		163 - 375
		Day 29	2020-07-28 13:51 (29)	252		163 - 375
		Day 57	2020-08-25 14:45 (29)	250		163 - 375
US2041118	Basophils (10^9/L)	Screening	2020-06-11 15:26 (-18)	<0.03		0 - 0.3
		Day 29	2020-07-28 13:22 (30)	0.03		0 - 0.3
		Day 57	2020-08-24 15:38 (28)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-11 15:26 (-18)	0.3		0 - 3
		Day 29	2020-07-28 13:22 (30)	0.5		0 - 3
		Day 57	2020-08-24 15:38 (28)	0.5		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041118	Eosinophils (10^9/L)	Screening	2020-06-11 15:26 (-18)	0.19		0 - 0.8
		Day 29	2020-07-28 13:22 (30)	0.31		0 - 0.8
		Day 57	2020-08-24 15:38 (28)	0.24		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-11 15:26 (-18)	3.2		0 - 7
		Day 29	2020-07-28 13:22 (30)	5.5		0 - 7
		Day 57	2020-08-24 15:38 (28)	3.8		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-11 15:26 (-18)	5.06		3.7 - 5.2
		Day 29	2020-07-28 13:22 (30)	4.65		3.7 - 5.2
		Day 57	2020-08-24 15:38 (28)	4.47		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-11 15:26 (-18)	0.483 (H)		0.33 - 0.47
		Day 29	2020-07-28 13:22 (30)	0.445		0.33 - 0.47
		Day 57	2020-08-24 15:38 (28)	0.463		0.33 - 0.47

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041118	Hemoglobin (g/L)	Screening	2020-06-11 15:26 (-18)	150		110 - 155
		Day 29	2020-07-28 13:22 (30)	136	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-24 15:38 (28)	128	G3 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-11 15:26 (-18)	<0.03		0 - 0.07
		Day 29	2020-07-28 13:22 (30)	<0.03		0 - 0.07
		Day 57	2020-08-24 15:38 (28)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-11 15:26 (-18)	0.2		0 - 1
		Day 29	2020-07-28 13:22 (30)	0.2		0 - 1
		Day 57	2020-08-24 15:38 (28)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-11 15:26 (-18)	5.93		3.7 - 11
		Day 29	2020-07-28 13:22 (30)	5.59		3.7 - 11
		Day 57	2020-08-24 15:38 (28)	6.35		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041118	Lymphocytes (10^9/L)	Screening	2020-06-11 15:26 (-18)	1.00	G1 Lymphocytes Decreased	0.9 - 3.6
		Day 29	2020-07-28 13:22 (30)	1.07		0.9 - 3.6
		Day 57	2020-08-24 15:38 (28)	1.45		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-11 15:26 (-18)	16.9		12 - 46
		Day 29	2020-07-28 13:22 (30)	19.1		12 - 46
		Day 57	2020-08-24 15:38 (28)	22.8		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-11 15:26 (-18)	0.39		0 - 1.2
		Day 29	2020-07-28 13:22 (30)	0.40		0 - 1.2
		Day 57	2020-08-24 15:38 (28)	0.62		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-11 15:26 (-18)	6.6		0 - 11
		Day 29	2020-07-28 13:22 (30)	7.2		0 - 11
		Day 57	2020-08-24 15:38 (28)	9.8		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041118	Neutrophils (10^9/L)	Screening	2020-06-11 15:26 (-18)	4.32		1.7 - 7.9
		Day 29	2020-07-28 13:22 (30)	3.77		1.7 - 7.9
		Day 57	2020-08-24 15:38 (28)	4.00		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-11 15:26 (-18)	72.8 (H)		34 - 71
		Day 29	2020-07-28 13:22 (30)	67.5		34 - 71
		Day 57	2020-08-24 15:38 (28)	62.9		34 - 71
	Platelets (10^9/L)	Screening	2020-06-11 15:26 (-18)	241		163 - 375
		Day 29	2020-07-28 13:22 (30)	228		163 - 375
		Day 57	2020-08-24 15:38 (28)	230		163 - 375
US2041119	Basophils (10^9/L)	Screening	2020-06-11 16:36 (-25)	0.07		0 - 0.3
		Day 29	2020-08-04 09:40 (30)	0.05		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-11 16:36 (-25)	0.9		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041119	Basophils/Leukocytes (%)	Day 29	2020-08-04 09:40 (30)	0.7		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-11 16:36 (-25)	0.08		0 - 0.8
		Day 29	2020-08-04 09:40 (30)	0.07		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-11 16:36 (-25)	1.0		0 - 7
		Day 29	2020-08-04 09:40 (30)	1.0		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-11 16:36 (-25)	4.21 (L)		4.63 - 6.08
		Day 29	2020-08-04 09:40 (30)	4.46 (L)		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-11 16:36 (-25)	0.449		0.37 - 0.51
		Day 29	2020-08-04 09:40 (30)	0.451		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-11 16:36 (-25)	138		125 - 170
		Day 29	2020-08-04 09:40 (30)	147		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-11 16:36 (-25)	0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041119	Immature Granulocytes (10^9/L)	Day 29	2020-08-04 09:40 (30)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-11 16:36 (-25)	0.4		0 - 1
		Day 29	2020-08-04 09:40 (30)	0.1		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-11 16:36 (-25)	8.15		3.7 - 11
		Day 29	2020-08-04 09:40 (30)	7.28		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-11 16:36 (-25)	2.27		0.9 - 3.6
		Day 29	2020-08-04 09:40 (30)	2.20		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-11 16:36 (-25)	27.9		12 - 46
		Day 29	2020-08-04 09:40 (30)	30.2		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-11 16:36 (-25)	0.75		0 - 1.2
		Day 29	2020-08-04 09:40 (30)	0.55		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-11 16:36 (-25)	9.2		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041119	Monocytes/Leukocytes (%)	Day 29	2020-08-04 09:40 (30)	7.6		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-11 16:36 (-25)	4.95		1.7 - 7.9
		Day 29	2020-08-04 09:40 (30)	4.40		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-11 16:36 (-25)	60.6		34 - 71
		Day 29	2020-08-04 09:40 (30)	60.4		34 - 71
	Platelets (10^9/L)	Screening	2020-06-11 16:36 (-25)	165		163 - 375
		Day 29	2020-08-04 09:40 (30)	173		163 - 375
US2041127	Basophils (10^9/L)	Screening	2020-06-12 12:15 (-14)	0.03		0 - 0.3
		Day 29	2020-07-24 11:54 (29)	<0.03		0 - 0.3
		Day 57	2020-08-24 11:53 (32)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-12 12:15 (-14)	0.6		0 - 3
		Day 29	2020-07-24 11:54 (29)	0.4		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041127	Basophils/Leukocytes (%)	Day 57	2020-08-24 11:53 (32)	0.6		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-12 12:15 (-14)	0.12		0 - 0.8
		Day 29	2020-07-24 11:54 (29)	0.09		0 - 0.8
		Day 57	2020-08-24 11:53 (32)	0.09		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-12 12:15 (-14)	2.4		0 - 7
		Day 29	2020-07-24 11:54 (29)	1.8		0 - 7
		Day 57	2020-08-24 11:53 (32)	1.9		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-12 12:15 (-14)	4.96		4.63 - 6.08
		Day 29	2020-07-24 11:54 (29)	4.87		4.63 - 6.08
		Day 57	2020-08-24 11:53 (32)	4.63		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-12 12:15 (-14)	0.469		0.37 - 0.51
		Day 29	2020-07-24 11:54 (29)	0.463		0.37 - 0.51

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041127	Hematocrit (L/L)	Day 57	2020-08-24 11:53 (32)	0.478		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-12 12:15 (-14)	152		125 - 170
		Day 29	2020-07-24 11:54 (29)	147	G1 Hemoglobin Decreased	125 - 170
		Day 57	2020-08-24 11:53 (32)	141	G1 Hemoglobin Decreased	125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-12 12:15 (-14)	<0.03		0 - 0.07
		Day 29	2020-07-24 11:54 (29)	<0.03		0 - 0.07
		Day 57	2020-08-24 11:53 (32)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-12 12:15 (-14)	0.2		0 - 1
		Day 29	2020-07-24 11:54 (29)	0.2		0 - 1
		Day 57	2020-08-24 11:53 (32)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-12 12:15 (-14)	5.08		3.7 - 11
		Day 29	2020-07-24 11:54 (29)	4.97		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041127	Leukocytes (10^9/L)	Day 57	2020-08-24 11:53 (32)	4.75		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-12 12:15 (-14)	2.03		0.9 - 3.6
		Day 29	2020-07-24 11:54 (29)	1.78		0.9 - 3.6
		Day 57	2020-08-24 11:53 (32)	1.88		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-12 12:15 (-14)	40.0		12 - 46
		Day 29	2020-07-24 11:54 (29)	35.8		12 - 46
		Day 57	2020-08-24 11:53 (32)	39.6		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-12 12:15 (-14)	0.42		0 - 1.2
		Day 29	2020-07-24 11:54 (29)	0.36		0 - 1.2
		Day 57	2020-08-24 11:53 (32)	0.35		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-12 12:15 (-14)	8.3		0 - 11
		Day 29	2020-07-24 11:54 (29)	7.2		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041127	Monocytes/Leukocytes (%)	Day 57	2020-08-24 11:53 (32)	7.4		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-12 12:15 (-14)	2.47		1.7 - 7.9
		Day 29	2020-07-24 11:54 (29)	2.71		1.7 - 7.9
		Day 57	2020-08-24 11:53 (32)	2.39		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-12 12:15 (-14)	48.5		34 - 71
		Day 29	2020-07-24 11:54 (29)	54.6		34 - 71
		Day 57	2020-08-24 11:53 (32)	50.3		34 - 71
	Platelets (10^9/L)	Screening	2020-06-12 12:15 (-14)	231		163 - 375
		Day 29	2020-07-24 11:54 (29)	237		163 - 375
		Day 57	2020-08-24 11:53 (32)	219		163 - 375
US2041130	Basophils (10^9/L)	Screening	2020-06-15 09:26 (-11)	0.12		0 - 0.3
		Day 29	2020-07-24 09:31 (29)	0.10		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041130	Basophils (10^9/L)	Day 57	2020-08-18 11:19 (26)	0.07		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-15 09:26 (-11)	1.9		0 - 3
		Day 29	2020-07-24 09:31 (29)	1.2		0 - 3
		Day 57	2020-08-18 11:19 (26)	1.0		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-15 09:26 (-11)	0.28		0 - 0.8
		Day 29	2020-07-24 09:31 (29)	0.32		0 - 0.8
		Day 57	2020-08-18 11:19 (26)	0.06		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-15 09:26 (-11)	4.5		0 - 7
		Day 29	2020-07-24 09:31 (29)	3.7		0 - 7
		Day 57	2020-08-18 11:19 (26)	0.8		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-15 09:26 (-11)	4.84		4.63 - 6.08
		Day 29	2020-07-24 09:31 (29)	4.90		4.63 - 6.08

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041130	Erythrocytes (10^12/L)	Day 57	2020-08-18 11:19 (26)	5.00		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-15 09:26 (-11)	0.442		0.37 - 0.51
		Day 29	2020-07-24 09:31 (29)	0.453		0.37 - 0.51
		Day 57	2020-08-18 11:19 (26)	0.454		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-15 09:26 (-11)	134	G1 Hemoglobin Decreased	125 - 170
		Day 29	2020-07-24 09:31 (29)	136		125 - 170
		Day 57	2020-08-18 11:19 (26)	137		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-15 09:26 (-11)	<0.03		0 - 0.07
		Day 29	2020-07-24 09:31 (29)	0.03		0 - 0.07
		Day 57	2020-08-18 11:19 (26)	0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-15 09:26 (-11)	0.2		0 - 1
		Day 29	2020-07-24 09:31 (29)	0.3		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041130	Immature Granulocytes/Leukocytes (%)	Day 57	2020-08-18 11:19 (26)	0.4		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-15 09:26 (-11)	6.28		3.7 - 11
		Day 29	2020-07-24 09:31 (29)	8.58		3.7 - 11
		Day 57	2020-08-18 11:19 (26)	7.18		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-15 09:26 (-11)	1.99		0.9 - 3.6
		Day 29	2020-07-24 09:31 (29)	2.02		0.9 - 3.6
		Day 57	2020-08-18 11:19 (26)	0.97	G1 Lymphocytes Decreased	0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-15 09:26 (-11)	31.7		12 - 46
		Day 29	2020-07-24 09:31 (29)	23.5		12 - 46
		Day 57	2020-08-18 11:19 (26)	13.5		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-15 09:26 (-11)	0.66		0 - 1.2
		Day 29	2020-07-24 09:31 (29)	0.58		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041130	Monocytes (10^9/L)	Day 57	2020-08-18 11:19 (26)	0.48		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-15 09:26 (-11)	10.5		0 - 11
		Day 29	2020-07-24 09:31 (29)	6.8		0 - 11
		Day 57	2020-08-18 11:19 (26)	6.7		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-15 09:26 (-11)	3.22		1.7 - 7.9
		Day 29	2020-07-24 09:31 (29)	5.53		1.7 - 7.9
		Day 57	2020-08-18 11:19 (26)	5.57		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-15 09:26 (-11)	51.2		34 - 71
		Day 29	2020-07-24 09:31 (29)	64.5		34 - 71
		Day 57	2020-08-18 11:19 (26)	77.6 (H)		34 - 71
	Platelets (10^9/L)	Screening	2020-06-15 09:26 (-11)	290		163 - 375
		Day 29	2020-07-24 09:31 (29)	318		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041130	Platelets (10^9/L)	Day 57	2020-08-18 11:19 (26)	275		163 - 375
US2041139	Basophils (10^9/L)	Screening	2020-06-16 10:49 (-13)	0.05		0 - 0.3
		Day 29	2020-07-28 10:51 (30)	0.06		0 - 0.3
		Day 57	2020-08-25 17:17 (29)	0.08		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-16 10:49 (-13)	0.8		0 - 3
		Day 29	2020-07-28 10:51 (30)	0.9		0 - 3
		Day 57	2020-08-25 17:17 (29)	1.4		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-16 10:49 (-13)	0.10		0 - 0.8
		Day 29	2020-07-28 10:51 (30)	0.16		0 - 0.8
		Day 57	2020-08-25 17:17 (29)	0.14		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-16 10:49 (-13)	1.6		0 - 7
		Day 29	2020-07-28 10:51 (30)	2.3		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041139	Eosinophils/Leukocytes (%)	Day 57	2020-08-25 17:17 (29)	2.5		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-16 10:49 (-13)	5.34		4.63 - 6.08
		Day 29	2020-07-28 10:51 (30)	5.29		4.63 - 6.08
		Day 57	2020-08-25 17:17 (29)	5.28		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-16 10:49 (-13)	0.533 (H)		0.37 - 0.51
		Day 29	2020-07-28 10:51 (30)	0.523 (H)		0.37 - 0.51
		Day 57	2020-08-25 17:17 (29)	0.520 (H)		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-16 10:49 (-13)	155		125 - 170
		Day 29	2020-07-28 10:51 (30)	152	G1 Hemoglobin Decreased	125 - 170
		Day 57	2020-08-25 17:17 (29)	155		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-16 10:49 (-13)	0.04		0 - 0.07
		Day 29	2020-07-28 10:51 (30)	0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041139	Immature Granulocytes (10^9/L)	Day 57	2020-08-25 17:17 (29)	0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-16 10:49 (-13)	0.6		0 - 1
		Day 29	2020-07-28 10:51 (30)	0.4		0 - 1
		Day 57	2020-08-25 17:17 (29)	0.5		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-16 10:49 (-13)	6.18		3.7 - 11
		Day 29	2020-07-28 10:51 (30)	6.92		3.7 - 11
		Day 57	2020-08-25 17:17 (29)	5.58		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-16 10:49 (-13)	1.07		0.9 - 3.6
		Day 29	2020-07-28 10:51 (30)	1.35		0.9 - 3.6
		Day 57	2020-08-25 17:17 (29)	1.45		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-16 10:49 (-13)	17.3		12 - 46
		Day 29	2020-07-28 10:51 (30)	19.5		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041139	Lymphocytes/Leukocytes (%)	Day 57	2020-08-25 17:17 (29)	26.0		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-16 10:49 (-13)	0.47		0 - 1.2
		Day 29	2020-07-28 10:51 (30)	0.67		0 - 1.2
		Day 57	2020-08-25 17:17 (29)	0.49		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-16 10:49 (-13)	7.6		0 - 11
		Day 29	2020-07-28 10:51 (30)	9.7		0 - 11
		Day 57	2020-08-25 17:17 (29)	8.8		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-16 10:49 (-13)	4.45		1.7 - 7.9
		Day 29	2020-07-28 10:51 (30)	4.65		1.7 - 7.9
		Day 57	2020-08-25 17:17 (29)	3.39		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-16 10:49 (-13)	72.1 (H)		34 - 71
		Day 29	2020-07-28 10:51 (30)	67.2		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041139	Neutrophils/Leukocytes (%)	Day 57	2020-08-25 17:17 (29)	60.8		34 - 71
	Platelets (10^9/L)	Screening	2020-06-16 10:49 (-13)	357		163 - 375
		Day 29	2020-07-28 10:51 (30)	272		163 - 375
		Day 57	2020-08-25 17:17 (29)	296		163 - 375
US2041145	Basophils (10^9/L)	Screening	2020-06-17 09:37 (-15)	0.03		0 - 0.3
		Day 29	2020-07-31 08:40 (30)	0.03		0 - 0.3
		Day 57	2020-08-28 08:38 (29)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-17 09:37 (-15)	0.8		0 - 3
		Day 29	2020-07-31 08:40 (30)	0.7		0 - 3
		Day 57	2020-08-28 08:38 (29)	0.9		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-17 09:37 (-15)	0.17		0 - 0.8
		Day 29	2020-07-31 08:40 (30)	0.20		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041145	Eosinophils (10^9/L)	Day 57	2020-08-28 08:38 (29)	0.23		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-17 09:37 (-15)	4.8		0 - 7
		Day 29	2020-07-31 08:40 (30)	4.9		0 - 7
		Day 57	2020-08-28 08:38 (29)	6.9		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-17 09:37 (-15)	4.53		3.7 - 5.2
		Day 29	2020-07-31 08:40 (30)	4.56		3.7 - 5.2
		Day 57	2020-08-28 08:38 (29)	4.46		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-17 09:37 (-15)	0.454		0.33 - 0.47
		Day 29	2020-07-31 08:40 (30)	0.457		0.33 - 0.47
		Day 57	2020-08-28 08:38 (29)	0.443		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-17 09:37 (-15)	138		110 - 155
		Day 29	2020-07-31 08:40 (30)	137	G1 Hemoglobin Decreased	110 - 155

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041145	Hemoglobin (g/L)	Day 57	2020-08-28 08:38 (29)	137	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-17 09:37 (-15)	<0.03		0 - 0.07
		Day 29	2020-07-31 08:40 (30)	<0.03		0 - 0.07
		Day 57	2020-08-28 08:38 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-17 09:37 (-15)	0.3		0 - 1
		Day 29	2020-07-31 08:40 (30)	0.2		0 - 1
		Day 57	2020-08-28 08:38 (29)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-17 09:37 (-15)	3.53 (L)		3.7 - 11
		Day 29	2020-07-31 08:40 (30)	4.05		3.7 - 11
		Day 57	2020-08-28 08:38 (29)	3.33 (L)	G1 WBC Decreased	3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-17 09:37 (-15)	1.20		0.9 - 3.6
		Day 29	2020-07-31 08:40 (30)	1.14		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041145	Lymphocytes (10^9/L)	Day 57	2020-08-28 08:38 (29)	1.18		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-17 09:37 (-15)	34.0		12 - 46
		Day 29	2020-07-31 08:40 (30)	28.1		12 - 46
		Day 57	2020-08-28 08:38 (29)	35.4		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-17 09:37 (-15)	0.25		0 - 1.2
		Day 29	2020-07-31 08:40 (30)	0.29		0 - 1.2
		Day 57	2020-08-28 08:38 (29)	0.21		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-17 09:37 (-15)	7.1		0 - 11
		Day 29	2020-07-31 08:40 (30)	7.2		0 - 11
		Day 57	2020-08-28 08:38 (29)	6.3		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-17 09:37 (-15)	1.87	G1 Neutrophils Decreased	1.7 - 7.9
		Day 29	2020-07-31 08:40 (30)	2.38		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041145	Neutrophils (10^9/L)	Day 57	2020-08-28 08:38 (29)	1.67 (L)	G1 Neutrophils Decreased	1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-17 09:37 (-15)	53.0		34 - 71
		Day 29	2020-07-31 08:40 (30)	58.9		34 - 71
		Day 57	2020-08-28 08:38 (29)	50.2		34 - 71
	Platelets (10^9/L)	Screening	2020-06-17 09:37 (-15)	265		163 - 375
		Day 29	2020-07-31 08:40 (30)	261		163 - 375
		Day 57	2020-08-28 08:38 (29)	289		163 - 375
US2041150	Basophils (10^9/L)	Screening	2020-06-18 10:55 (-13)	0.05		0 - 0.3
		Day 29	2020-08-03 09:17 (34)	0.04		0 - 0.3
		Day 57	2020-09-02 11:24 (31)	0.05		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-18 10:55 (-13)	1.1		0 - 3
		Day 29	2020-08-03 09:17 (34)	0.9		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041150	Basophils/Leukocytes (%)	Day 57	2020-09-02 11:24 (31)	1.0		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-18 10:55 (-13)	0.13		0 - 0.8
		Day 29	2020-08-03 09:17 (34)	0.28		0 - 0.8
		Day 57	2020-09-02 11:24 (31)	0.19		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-18 10:55 (-13)	3.0		0 - 7
		Day 29	2020-08-03 09:17 (34)	6.3		0 - 7
		Day 57	2020-09-02 11:24 (31)	3.7		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-18 10:55 (-13)	4.16		3.7 - 5.2
		Day 29	2020-08-03 09:17 (34)	4.11		3.7 - 5.2
		Day 57	2020-09-02 11:24 (31)	4.03		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-18 10:55 (-13)	0.433		0.33 - 0.47
		Day 29	2020-08-03 09:17 (34)	0.420		0.33 - 0.47

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041150	Hematocrit (L/L)	Day 57	2020-09-02 11:24 (31)	0.419		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-18 10:55 (-13)	135		110 - 155
		Day 29	2020-08-03 09:17 (34)	133	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-09-02 11:24 (31)	129	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-18 10:55 (-13)	<0.03		0 - 0.07
		Day 29	2020-08-03 09:17 (34)	<0.03		0 - 0.07
		Day 57	2020-09-02 11:24 (31)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-18 10:55 (-13)	0.2		0 - 1
		Day 29	2020-08-03 09:17 (34)	0.2		0 - 1
		Day 57	2020-09-02 11:24 (31)	0.0		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-18 10:55 (-13)	4.35		3.7 - 11
		Day 29	2020-08-03 09:17 (34)	4.48		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041150	Leukocytes (10^9/L)	Day 57	2020-09-02 11:24 (31)	5.14		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-18 10:55 (-13)	1.85		0.9 - 3.6
		Day 29	2020-08-03 09:17 (34)	1.57		0.9 - 3.6
		Day 57	2020-09-02 11:24 (31)	1.74		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-18 10:55 (-13)	42.5		12 - 46
		Day 29	2020-08-03 09:17 (34)	35.0		12 - 46
		Day 57	2020-09-02 11:24 (31)	33.9		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-18 10:55 (-13)	0.28		0 - 1.2
		Day 29	2020-08-03 09:17 (34)	0.41		0 - 1.2
		Day 57	2020-09-02 11:24 (31)	0.30		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-18 10:55 (-13)	6.4		0 - 11
		Day 29	2020-08-03 09:17 (34)	9.2		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041150	Monocytes/Leukocytes (%)	Day 57	2020-09-02 11:24 (31)	5.8		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-18 10:55 (-13)	2.03		1.7 - 7.9
		Day 29	2020-08-03 09:17 (34)	2.17		1.7 - 7.9
		Day 57	2020-09-02 11:24 (31)	2.86		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-18 10:55 (-13)	46.8		34 - 71
		Day 29	2020-08-03 09:17 (34)	48.4		34 - 71
		Day 57	2020-09-02 11:24 (31)	55.6		34 - 71
	Platelets (10^9/L)	Screening	2020-06-18 10:55 (-13)	243		163 - 375
		Day 29	2020-08-03 09:17 (34)	237		163 - 375
		Day 57	2020-09-02 11:24 (31)	226		163 - 375
US2041155	Basophils (10^9/L)	Screening	2020-06-29 14:37 (-7)	0.06		0 - 0.3
		Day 29	2020-08-03 13:55 (29)	0.06		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041155	Basophils (10^9/L)	Day 57	2020-08-31 13:46 (29)	0.06		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-29 14:37 (-7)	1.1		0 - 3
		Day 29	2020-08-03 13:55 (29)	1.0		0 - 3
		Day 57	2020-08-31 13:46 (29)	1.2		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-29 14:37 (-7)	0.05		0 - 0.8
		Day 29	2020-08-03 13:55 (29)	0.07		0 - 0.8
		Day 57	2020-08-31 13:46 (29)	0.05		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-29 14:37 (-7)	0.9		0 - 7
		Day 29	2020-08-03 13:55 (29)	1.1		0 - 7
		Day 57	2020-08-31 13:46 (29)	1.0		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-29 14:37 (-7)	4.94		3.7 - 5.2
		Day 29	2020-08-03 13:55 (29)	4.73		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041155	Erythrocytes (10^12/L)	Day 57	2020-08-31 13:46 (29)	4.67		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-29 14:37 (-7)	0.460		0.33 - 0.47
		Day 29	2020-08-03 13:55 (29)	0.455		0.33 - 0.47
		Day 57	2020-08-31 13:46 (29)	0.449		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-29 14:37 (-7)	149		110 - 155
		Day 29	2020-08-03 13:55 (29)	142	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-31 13:46 (29)	141	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-29 14:37 (-7)	<0.03		0 - 0.07
		Day 29	2020-08-03 13:55 (29)	<0.03		0 - 0.07
		Day 57	2020-08-31 13:46 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-29 14:37 (-7)	0.2		0 - 1
		Day 29	2020-08-03 13:55 (29)	0.2		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041155	Immature Granulocytes/Leukocytes (%)	Day 57	2020-08-31 13:46 (29)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-29 14:37 (-7)	5.65		3.7 - 11
		Day 29	2020-08-03 13:55 (29)	6.28		3.7 - 11
		Day 57	2020-08-31 13:46 (29)	4.86		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-29 14:37 (-7)	1.96		0.9 - 3.6
		Day 29	2020-08-03 13:55 (29)	2.09		0.9 - 3.6
		Day 57	2020-08-31 13:46 (29)	1.83		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-29 14:37 (-7)	34.7		12 - 46
		Day 29	2020-08-03 13:55 (29)	33.3		12 - 46
		Day 57	2020-08-31 13:46 (29)	37.7		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-29 14:37 (-7)	0.48		0 - 1.2
		Day 29	2020-08-03 13:55 (29)	0.59		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041155	Monocytes (10^9/L)	Day 57	2020-08-31 13:46 (29)	0.42		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-29 14:37 (-7)	8.5		0 - 11
		Day 29	2020-08-03 13:55 (29)	9.4		0 - 11
		Day 57	2020-08-31 13:46 (29)	8.6		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-29 14:37 (-7)	3.09		1.7 - 7.9
		Day 29	2020-08-03 13:55 (29)	3.46		1.7 - 7.9
		Day 57	2020-08-31 13:46 (29)	2.49		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-29 14:37 (-7)	54.6		34 - 71
		Day 29	2020-08-03 13:55 (29)	55.0		34 - 71
		Day 57	2020-08-31 13:46 (29)	51.3		34 - 71
	Platelets (10^9/L)	Screening	2020-06-29 14:37 (-7)	296		163 - 375
		Day 29	2020-08-03 13:55 (29)	268		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041155	Platelets (10^9/L)	Day 57	2020-08-31 13:46 (29)	263		163 - 375
US2051057	Basophils (10^9/L)	Screening	2020-06-15 10:57 (-11)	0.11		0 - 0.3
		Day 29	2020-07-24 08:31 (29)	0.09		0 - 0.3
		Day 57	2020-08-24 08:12 (32)	0.10		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-15 10:57 (-11)	1.5		0 - 3
		Day 29	2020-07-24 08:31 (29)	1.6		0 - 3
		Day 57	2020-08-24 08:12 (32)	1.8		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-15 10:57 (-11)	0.57		0 - 0.8
		Day 29	2020-07-24 08:31 (29)	0.30		0 - 0.8
		Day 57	2020-08-24 08:12 (32)	0.17		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-15 10:57 (-11)	8.0 (H)		0 - 7
		Day 29	2020-07-24 08:31 (29)	5.2		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051057	Eosinophils/Leukocytes (%)	Day 57	2020-08-24 08:12 (32)	3.0		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-15 10:57 (-11)	3.82		3.7 - 5.2
		Day 29	2020-07-24 08:31 (29)	3.84		3.7 - 5.2
		Day 57	2020-08-24 08:12 (32)	3.63 (L)		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-15 10:57 (-11)	0.399		0.33 - 0.47
		Day 29	2020-07-24 08:31 (29)	0.417		0.33 - 0.47
		Day 57	2020-08-24 08:12 (32)	0.400		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-15 10:57 (-11)	125		110 - 155
		Day 29	2020-07-24 08:31 (29)	127		110 - 155
		Day 57	2020-08-24 08:12 (32)	118	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-15 10:57 (-11)	<0.03		0 - 0.07
		Day 29	2020-07-24 08:31 (29)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051057	Immature Granulocytes (10^9/L)	Day 57	2020-08-24 08:12 (32)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-15 10:57 (-11)	0.1		0 - 1
		Day 29	2020-07-24 08:31 (29)	0.3		0 - 1
		Day 57	2020-08-24 08:12 (32)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-15 10:57 (-11)	7.14		3.7 - 11
		Day 29	2020-07-24 08:31 (29)	5.73		3.7 - 11
		Day 57	2020-08-24 08:12 (32)	5.66		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-15 10:57 (-11)	2.38		0.9 - 3.6
		Day 29	2020-07-24 08:31 (29)	2.17		0.9 - 3.6
		Day 57	2020-08-24 08:12 (32)	2.35		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-15 10:57 (-11)	33.3		12 - 46
		Day 29	2020-07-24 08:31 (29)	37.9		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051057	Lymphocytes/Leukocytes (%)	Day 57	2020-08-24 08:12 (32)	41.5		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-15 10:57 (-11)	0.74		0 - 1.2
		Day 29	2020-07-24 08:31 (29)	0.68		0 - 1.2
		Day 57	2020-08-24 08:12 (32)	0.85		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-15 10:57 (-11)	10.4		0 - 11
		Day 29	2020-07-24 08:31 (29)	11.9 (H)		0 - 11
		Day 57	2020-08-24 08:12 (32)	15.0 (H)		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-15 10:57 (-11)	3.33		1.7 - 7.9
		Day 29	2020-07-24 08:31 (29)	2.47		1.7 - 7.9
		Day 57	2020-08-24 08:12 (32)	2.18		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-15 10:57 (-11)	46.7		34 - 71
		Day 29	2020-07-24 08:31 (29)	43.1		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051057	Neutrophils/Leukocytes (%)	Day 57	2020-08-24 08:12 (32)	38.5		34 - 71
	Platelets (10^9/L)	Screening	2020-06-15 10:57 (-11)	238		163 - 375
		Day 29	2020-07-24 08:31 (29)	278		163 - 375
		Day 57	2020-08-24 08:12 (32)	240		163 - 375
US2051059	Basophils (10^9/L)	Screening	2020-06-15 15:04 (-11)	0.08		0 - 0.3
		Day 29	2020-07-27 12:42 (32)	0.08		0 - 0.3
		Day 57	2020-08-18 15:07 (23)	0.08		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-15 15:04 (-11)	1.6		0 - 3
		Day 29	2020-07-27 12:42 (32)	1.4		0 - 3
		Day 57	2020-08-18 15:07 (23)	1.6		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-15 15:04 (-11)	0.20		0 - 0.8
		Day 29	2020-07-27 12:42 (32)	0.30		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051059	Eosinophils (10^9/L)	Day 57	2020-08-18 15:07 (23)	0.27		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-15 15:04 (-11)	4.0		0 - 7
		Day 29	2020-07-27 12:42 (32)	5.3		0 - 7
		Day 57	2020-08-18 15:07 (23)	5.3		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-15 15:04 (-11)	4.34		3.7 - 5.2
		Day 29	2020-07-27 12:42 (32)	4.18		3.7 - 5.2
		Day 57	2020-08-18 15:07 (23)	4.21		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-15 15:04 (-11)	0.448		0.33 - 0.47
		Day 29	2020-07-27 12:42 (32)	0.484 (H)		0.33 - 0.47
		Day 57	2020-08-18 15:07 (23)	0.437		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-15 15:04 (-11)	140		110 - 155
		Day 29	2020-07-27 12:42 (32)	137	G1 Hemoglobin Decreased	110 - 155

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051059	Hemoglobin (g/L)	Day 57	2020-08-18 15:07 (23)	137	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-15 15:04 (-11)	<0.03		0 - 0.07
		Day 29	2020-07-27 12:42 (32)	0.07		0 - 0.07
		Day 57	2020-08-18 15:07 (23)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-15 15:04 (-11)	0.4		0 - 1
		Day 29	2020-07-27 12:42 (32)	1.2 (H)		0 - 1
		Day 57	2020-08-18 15:07 (23)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-15 15:04 (-11)	5.02		3.7 - 11
		Day 29	2020-07-27 12:42 (32)	5.63		3.7 - 11
		Day 57	2020-08-18 15:07 (23)	5.10		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-15 15:04 (-11)	1.59		0.9 - 3.6
		Day 29	2020-07-27 12:42 (32)	1.98		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051059	Lymphocytes (10^9/L)	Day 57	2020-08-18 15:07 (23)	2.25		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-15 15:04 (-11)	31.7		12 - 46
		Day 29	2020-07-27 12:42 (32)	35.2		12 - 46
		Day 57	2020-08-18 15:07 (23)	44.1		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-15 15:04 (-11)	0.32		0 - 1.2
		Day 29	2020-07-27 12:42 (32)	0.49		0 - 1.2
		Day 57	2020-08-18 15:07 (23)	0.37		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-15 15:04 (-11)	6.4		0 - 11
		Day 29	2020-07-27 12:42 (32)	8.7		0 - 11
		Day 57	2020-08-18 15:07 (23)	7.3		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-15 15:04 (-11)	2.81		1.7 - 7.9
		Day 29	2020-07-27 12:42 (32)	2.71		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051059	Neutrophils (10^9/L)	Day 57	2020-08-18 15:07 (23)	2.12		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-15 15:04 (-11)	55.9		34 - 71
		Day 29	2020-07-27 12:42 (32)	48.2		34 - 71
		Day 57	2020-08-18 15:07 (23)	41.5		34 - 71
	Platelets (10^9/L)	Screening	2020-06-15 15:04 (-11)	259		163 - 375
		Day 29	2020-07-27 12:42 (32)	273		163 - 375
		Day 57	2020-08-18 15:07 (23)	287		163 - 375
US2051060	Basophils (10^9/L)	Screening	2020-06-16 09:25 (-10)	0.04		0 - 0.3
		Day 29	2020-07-28 09:15 (33)	0.03		0 - 0.3
		Day 57	2020-08-24 12:55 (28)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-16 09:25 (-10)	1.1		0 - 3
		Day 29	2020-07-28 09:15 (33)	0.7		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051060	Basophils/Leukocytes (%)	Day 57	2020-08-24 12:55 (28)	0.6		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-16 09:25 (-10)	<0.03		0 - 0.8
		Day 29	2020-07-28 09:15 (33)	<0.03		0 - 0.8
		Day 57	2020-08-24 12:55 (28)	<0.03		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-16 09:25 (-10)	0.0		0 - 7
		Day 29	2020-07-28 09:15 (33)	0.0		0 - 7
		Day 57	2020-08-24 12:55 (28)	0.2		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-16 09:25 (-10)	4.38		3.7 - 5.2
		Day 29	2020-07-28 09:15 (33)	4.01		3.7 - 5.2
		Day 57	2020-08-24 12:55 (28)	4.06		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-16 09:25 (-10)	0.430		0.33 - 0.47
		Day 29	2020-07-28 09:15 (33)	0.389		0.33 - 0.47

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051060	Hematocrit (L/L)	Day 57	2020-08-24 12:55 (28)	0.400		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-16 09:25 (-10)	130		110 - 155
		Day 29	2020-07-28 09:15 (33)	118	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-24 12:55 (28)	118	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-16 09:25 (-10)	<0.03		0 - 0.07
		Day 29	2020-07-28 09:15 (33)	<0.03		0 - 0.07
		Day 57	2020-08-24 12:55 (28)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-16 09:25 (-10)	0.0		0 - 1
		Day 29	2020-07-28 09:15 (33)	0.0		0 - 1
		Day 57	2020-08-24 12:55 (28)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-16 09:25 (-10)	3.78		3.7 - 11
		Day 29	2020-07-28 09:15 (33)	4.11		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051060	Leukocytes (10^9/L)	Day 57	2020-08-24 12:55 (28)	4.78		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-16 09:25 (-10)	1.18		0.9 - 3.6
		Day 29	2020-07-28 09:15 (33)	0.99	G1 Lymphocytes Decreased	0.9 - 3.6
		Day 57	2020-08-24 12:55 (28)	1.19		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-16 09:25 (-10)	31.2		12 - 46
		Day 29	2020-07-28 09:15 (33)	24.1		12 - 46
		Day 57	2020-08-24 12:55 (28)	24.9		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-16 09:25 (-10)	0.25		0 - 1.2
		Day 29	2020-07-28 09:15 (33)	0.25		0 - 1.2
		Day 57	2020-08-24 12:55 (28)	0.29		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-16 09:25 (-10)	6.6		0 - 11
		Day 29	2020-07-28 09:15 (33)	6.1		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051060	Monocytes/Leukocytes (%)	Day 57	2020-08-24 12:55 (28)	6.1		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-16 09:25 (-10)	2.31		1.7 - 7.9
		Day 29	2020-07-28 09:15 (33)	2.84		1.7 - 7.9
		Day 57	2020-08-24 12:55 (28)	3.25		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-16 09:25 (-10)	61.1		34 - 71
		Day 29	2020-07-28 09:15 (33)	69.1		34 - 71
		Day 57	2020-08-24 12:55 (28)	68.0		34 - 71
	Platelets (10^9/L)	Screening	2020-06-16 09:25 (-10)	260		163 - 375
		Day 29	2020-07-28 09:15 (33)	258		163 - 375
		Day 57	2020-08-24 12:55 (28)	235		163 - 375
US2051066	Basophils (10^9/L)	Screening	2020-06-17 12:12 (-12)	0.06		0 - 0.3
		Day 29	2020-07-27 09:27 (29)	0.06		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051066	Basophils (10^9/L)	Day 57	2020-08-21 09:20 (26)	0.05		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-17 12:12 (-12)	0.8		0 - 3
		Day 29	2020-07-27 09:27 (29)	1.2		0 - 3
		Day 57	2020-08-21 09:20 (26)	1.0		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-17 12:12 (-12)	0.10		0 - 0.8
		Day 29	2020-07-27 09:27 (29)	0.12		0 - 0.8
		Day 57	2020-08-21 09:20 (26)	0.08		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-17 12:12 (-12)	1.3		0 - 7
		Day 29	2020-07-27 09:27 (29)	2.4		0 - 7
		Day 57	2020-08-21 09:20 (26)	1.6		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-17 12:12 (-12)	4.53		3.7 - 5.2
		Day 29	2020-07-27 09:27 (29)	4.55		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051066	Erythrocytes (10^12/L)	Day 57	2020-08-21 09:20 (26)	4.44		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-17 12:12 (-12)	0.427		0.33 - 0.47
		Day 29	2020-07-27 09:27 (29)	0.472 (H)		0.33 - 0.47
		Day 57	2020-08-21 09:20 (26)	0.425		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-17 12:12 (-12)	129		110 - 155
		Day 29	2020-07-27 09:27 (29)	130		110 - 155
		Day 57	2020-08-21 09:20 (26)	129		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-17 12:12 (-12)	<0.03		0 - 0.07
		Day 29	2020-07-27 09:27 (29)	0.03		0 - 0.07
		Day 57	2020-08-21 09:20 (26)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-17 12:12 (-12)	0.3		0 - 1
		Day 29	2020-07-27 09:27 (29)	0.6		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051066	Immature Granulocytes/Leukocytes (%)	Day 57	2020-08-21 09:20 (26)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-17 12:12 (-12)	7.51		3.7 - 11
		Day 29	2020-07-27 09:27 (29)	4.98		3.7 - 11
		Day 57	2020-08-21 09:20 (26)	4.91		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-17 12:12 (-12)	1.67		0.9 - 3.6
		Day 29	2020-07-27 09:27 (29)	1.30		0.9 - 3.6
		Day 57	2020-08-21 09:20 (26)	1.51		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-17 12:12 (-12)	22.2		12 - 46
		Day 29	2020-07-27 09:27 (29)	26.1		12 - 46
		Day 57	2020-08-21 09:20 (26)	30.8		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-17 12:12 (-12)	0.55		0 - 1.2
		Day 29	2020-07-27 09:27 (29)	0.33		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051066	Monocytes (10^9/L)	Day 57	2020-08-21 09:20 (26)	0.37		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-17 12:12 (-12)	7.3		0 - 11
		Day 29	2020-07-27 09:27 (29)	6.6		0 - 11
		Day 57	2020-08-21 09:20 (26)	7.5		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-17 12:12 (-12)	5.11		1.7 - 7.9
		Day 29	2020-07-27 09:27 (29)	3.14		1.7 - 7.9
		Day 57	2020-08-21 09:20 (26)	2.89		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-17 12:12 (-12)	68.1		34 - 71
		Day 29	2020-07-27 09:27 (29)	63.1		34 - 71
		Day 57	2020-08-21 09:20 (26)	58.9		34 - 71
	Platelets (10^9/L)	Screening	2020-06-17 12:12 (-12)	453 (H)		163 - 375
		Day 29	2020-07-27 09:27 (29)	441 (H)		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051066	Platelets (10^9/L)	Day 57	2020-08-21 09:20 (26)	443 (H)		163 - 375
US2051068	Basophils (10^9/L)	Screening	2020-06-17 15:02 (-13)	<0.03		0 - 0.3
		Day 29	2020-07-28 12:18 (29)	<0.03		0 - 0.3
		Day 57	2020-08-25 11:57 (29)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-17 15:02 (-13)	0.3		0 - 3
		Day 29	2020-07-28 12:18 (29)	0.3		0 - 3
		Day 57	2020-08-25 11:57 (29)	0.4		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-17 15:02 (-13)	0.08		0 - 0.8
		Day 29	2020-07-28 12:18 (29)	0.11		0 - 0.8
		Day 57	2020-08-25 11:57 (29)	0.10		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-17 15:02 (-13)	1.3		0 - 7
		Day 29	2020-07-28 12:18 (29)	1.8		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051068	Eosinophils/Leukocytes (%)	Day 57	2020-08-25 11:57 (29)	1.8		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-17 15:02 (-13)	5.16		4.63 - 6.08
		Day 29	2020-07-28 12:18 (29)	4.84		4.63 - 6.08
		Day 57	2020-08-25 11:57 (29)	4.85		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-17 15:02 (-13)	0.507		0.37 - 0.51
		Day 29	2020-07-28 12:18 (29)	0.477		0.37 - 0.51
		Day 57	2020-08-25 11:57 (29)	0.492		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-17 15:02 (-13)	163		125 - 170
		Day 29	2020-07-28 12:18 (29)	152	G1 Hemoglobin Decreased	125 - 170
		Day 57	2020-08-25 11:57 (29)	152	G1 Hemoglobin Decreased	125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-17 15:02 (-13)	<0.03		0 - 0.07
		Day 29	2020-07-28 12:18 (29)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051068	Immature Granulocytes (10^9/L)	Day 57	2020-08-25 11:57 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-17 15:02 (-13)	0.2		0 - 1
		Day 29	2020-07-28 12:18 (29)	0.0		0 - 1
		Day 57	2020-08-25 11:57 (29)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-17 15:02 (-13)	6.18		3.7 - 11
		Day 29	2020-07-28 12:18 (29)	6.02		3.7 - 11
		Day 57	2020-08-25 11:57 (29)	5.61		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-17 15:02 (-13)	2.16		0.9 - 3.6
		Day 29	2020-07-28 12:18 (29)	2.53		0.9 - 3.6
		Day 57	2020-08-25 11:57 (29)	1.96		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-17 15:02 (-13)	35.0		12 - 46
		Day 29	2020-07-28 12:18 (29)	42.0		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051068	Lymphocytes/Leukocytes (%)	Day 57	2020-08-25 11:57 (29)	34.9		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-17 15:02 (-13)	0.34		0 - 1.2
		Day 29	2020-07-28 12:18 (29)	0.38		0 - 1.2
		Day 57	2020-08-25 11:57 (29)	0.30		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-17 15:02 (-13)	5.5		0 - 11
		Day 29	2020-07-28 12:18 (29)	6.3		0 - 11
		Day 57	2020-08-25 11:57 (29)	5.3		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-17 15:02 (-13)	3.57		1.7 - 7.9
		Day 29	2020-07-28 12:18 (29)	2.98		1.7 - 7.9
		Day 57	2020-08-25 11:57 (29)	3.22		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-17 15:02 (-13)	57.7		34 - 71
		Day 29	2020-07-28 12:18 (29)	49.6		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051068	Neutrophils/Leukocytes (%)	Day 57	2020-08-25 11:57 (29)	57.4		34 - 71
	Platelets (10^9/L)	Screening	2020-06-17 15:02 (-13)	232		163 - 375
		Day 29	2020-07-28 12:18 (29)	235		163 - 375
		Day 57	2020-08-25 11:57 (29)	254		163 - 375
US2051071	Basophils (10^9/L)	Screening	2020-06-18 15:26 (-11)	<0.03		0 - 0.3
		Day 29	2020-07-27 13:33 (29)	<0.03		0 - 0.3
		Day 57	2020-08-24 13:55 (29)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-18 15:26 (-11)	0.2		0 - 3
		Day 29	2020-07-27 13:33 (29)	0.5		0 - 3
		Day 57	2020-08-24 13:55 (29)	0.5		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-18 15:26 (-11)	0.10		0 - 0.8
		Day 29	2020-07-27 13:33 (29)	0.12		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051071	Eosinophils (10^9/L)	Day 57	2020-08-24 13:55 (29)	0.17		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-18 15:26 (-11)	1.9		0 - 7
		Day 29	2020-07-27 13:33 (29)	2.9		0 - 7
		Day 57	2020-08-24 13:55 (29)	4.3		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-18 15:26 (-11)	4.32 (L)		4.63 - 6.08
		Day 29	2020-07-27 13:33 (29)	4.39 (L)		4.63 - 6.08
		Day 57	2020-08-24 13:55 (29)	4.45 (L)		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-18 15:26 (-11)	0.425		0.37 - 0.51
		Day 29	2020-07-27 13:33 (29)	0.475		0.37 - 0.51
		Day 57	2020-08-24 13:55 (29)	0.453		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-18 15:26 (-11)	134	G1 Hemoglobin Decreased	125 - 170
		Day 29	2020-07-27 13:33 (29)	137		125 - 170

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051071	Hemoglobin (g/L)	Day 57	2020-08-24 13:55 (29)	138		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-18 15:26 (-11)	<0.03		0 - 0.07
		Day 29	2020-07-27 13:33 (29)	<0.03		0 - 0.07
		Day 57	2020-08-24 13:55 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-18 15:26 (-11)	0.2		0 - 1
		Day 29	2020-07-27 13:33 (29)	0.2		0 - 1
		Day 57	2020-08-24 13:55 (29)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-18 15:26 (-11)	5.23		3.7 - 11
		Day 29	2020-07-27 13:33 (29)	4.09		3.7 - 11
		Day 57	2020-08-24 13:55 (29)	3.92		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-18 15:26 (-11)	1.57		0.9 - 3.6
		Day 29	2020-07-27 13:33 (29)	1.18		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051071	Lymphocytes (10^9/L)	Day 57	2020-08-24 13:55 (29)	1.13		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-18 15:26 (-11)	30.0		12 - 46
		Day 29	2020-07-27 13:33 (29)	28.9		12 - 46
		Day 57	2020-08-24 13:55 (29)	28.8		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-18 15:26 (-11)	0.62		0 - 1.2
		Day 29	2020-07-27 13:33 (29)	0.52		0 - 1.2
		Day 57	2020-08-24 13:55 (29)	0.65		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-18 15:26 (-11)	11.9 (H)		0 - 11
		Day 29	2020-07-27 13:33 (29)	12.7 (H)		0 - 11
		Day 57	2020-08-24 13:55 (29)	16.6 (H)		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-18 15:26 (-11)	2.92		1.7 - 7.9
		Day 29	2020-07-27 13:33 (29)	2.24		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051071	Neutrophils (10^9/L)	Day 57	2020-08-24 13:55 (29)	1.94	G1 Neutrophils Decreased	1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-18 15:26 (-11)	55.8		34 - 71
		Day 29	2020-07-27 13:33 (29)	54.8		34 - 71
		Day 57	2020-08-24 13:55 (29)	49.5		34 - 71
	Platelets (10^9/L)	Screening	2020-06-18 15:26 (-11)	206		163 - 375
		Day 29	2020-07-27 13:33 (29)	196		163 - 375
		Day 57	2020-08-24 13:55 (29)	202		163 - 375
US2051078	Basophils (10^9/L)	Screening	2020-06-22 09:15 (-8)	0.05		0 - 0.3
		Day 29	2020-07-29 08:42 (30)	0.05		0 - 0.3
		Day 57	2020-08-24 08:30 (27)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-22 09:15 (-8)	1.2		0 - 3
		Day 29	2020-07-29 08:42 (30)	1.1		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051078	Basophils/Leukocytes (%)	Day 57	2020-08-24 08:30 (27)	1.1		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-22 09:15 (-8)	0.14		0 - 0.8
		Day 29	2020-07-29 08:42 (30)	0.25		0 - 0.8
		Day 57	2020-08-24 08:30 (27)	0.22		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-22 09:15 (-8)	3.2		0 - 7
		Day 29	2020-07-29 08:42 (30)	5.6		0 - 7
		Day 57	2020-08-24 08:30 (27)	6.1		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-22 09:15 (-8)	4.40 (L)		4.63 - 6.08
		Day 29	2020-07-29 08:42 (30)	4.23 (L)		4.63 - 6.08
		Day 57	2020-08-24 08:30 (27)	4.13 (L)		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-22 09:15 (-8)	0.446		0.37 - 0.51
		Day 29	2020-07-29 08:42 (30)	0.432		0.37 - 0.51

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051078	Hematocrit (L/L)	Day 57	2020-08-24 08:30 (27)	0.439		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-22 09:15 (-8)	141		125 - 170
		Day 29	2020-07-29 08:42 (30)	137	G1 Hemoglobin Decreased	125 - 170
		Day 57	2020-08-24 08:30 (27)	134	G1 Hemoglobin Decreased	125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-22 09:15 (-8)	<0.03		0 - 0.07
		Day 29	2020-07-29 08:42 (30)	<0.03		0 - 0.07
		Day 57	2020-08-24 08:30 (27)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-22 09:15 (-8)	0.0		0 - 1
		Day 29	2020-07-29 08:42 (30)	0.5		0 - 1
		Day 57	2020-08-24 08:30 (27)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-22 09:15 (-8)	4.34		3.7 - 11
		Day 29	2020-07-29 08:42 (30)	4.44		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051078	Leukocytes (10^9/L)	Day 57	2020-08-24 08:30 (27)	3.59 (L)		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-22 09:15 (-8)	1.32		0.9 - 3.6
		Day 29	2020-07-29 08:42 (30)	1.38		0.9 - 3.6
		Day 57	2020-08-24 08:30 (27)	1.12		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-22 09:15 (-8)	30.4		12 - 46
		Day 29	2020-07-29 08:42 (30)	31.1		12 - 46
		Day 57	2020-08-24 08:30 (27)	31.2		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-22 09:15 (-8)	0.37		0 - 1.2
		Day 29	2020-07-29 08:42 (30)	0.37		0 - 1.2
		Day 57	2020-08-24 08:30 (27)	0.28		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-22 09:15 (-8)	8.5		0 - 11
		Day 29	2020-07-29 08:42 (30)	8.3		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051078	Monocytes/Leukocytes (%)	Day 57	2020-08-24 08:30 (27)	7.8		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-22 09:15 (-8)	2.46		1.7 - 7.9
		Day 29	2020-07-29 08:42 (30)	2.37		1.7 - 7.9
		Day 57	2020-08-24 08:30 (27)	1.92	G1 Neutrophils Decreased	1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-22 09:15 (-8)	56.7		34 - 71
		Day 29	2020-07-29 08:42 (30)	53.4		34 - 71
		Day 57	2020-08-24 08:30 (27)	53.5		34 - 71
	Platelets (10^9/L)	Screening	2020-06-22 09:15 (-8)	174		163 - 375
		Day 29	2020-07-29 08:42 (30)	148 (L)		163 - 375
		Day 57	2020-08-24 08:30 (27)	138 (L)	G1 Platelets Decreased	163 - 375
US2051081	Basophils (10^9/L)	Screening	2020-06-23 11:43 (-6)	0.05		0 - 0.3
		Day 29	2020-07-27 09:38 (29)	0.05		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051081	Basophils (10^9/L)	Day 57	2020-08-24 09:50 (29)	0.06		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-23 11:43 (-6)	0.8		0 - 3
		Day 29	2020-07-27 09:38 (29)	0.9		0 - 3
		Day 57	2020-08-24 09:50 (29)	1.1		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-23 11:43 (-6)	0.19		0 - 0.8
		Day 29	2020-07-27 09:38 (29)	0.23		0 - 0.8
		Day 57	2020-08-24 09:50 (29)	0.30		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-23 11:43 (-6)	2.9		0 - 7
		Day 29	2020-07-27 09:38 (29)	4.3		0 - 7
		Day 57	2020-08-24 09:50 (29)	5.3		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-23 11:43 (-6)	4.79		3.7 - 5.2
		Day 29	2020-07-27 09:38 (29)	4.82		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051081	Erythrocytes (10^12/L)	Day 57	2020-08-24 09:50 (29)	4.59		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-23 11:43 (-6)	0.438		0.33 - 0.47
		Day 29	2020-07-27 09:38 (29)	0.488 (H)		0.33 - 0.47
		Day 57	2020-08-24 09:50 (29)	0.444		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-23 11:43 (-6)	135		110 - 155
		Day 29	2020-07-27 09:38 (29)	136		110 - 155
		Day 57	2020-08-24 09:50 (29)	129	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-23 11:43 (-6)	<0.03		0 - 0.07
		Day 29	2020-07-27 09:38 (29)	<0.03		0 - 0.07
		Day 57	2020-08-24 09:50 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-23 11:43 (-6)	0.2		0 - 1
		Day 29	2020-07-27 09:38 (29)	0.4		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051081	Immature Granulocytes/Leukocytes (%)	Day 57	2020-08-24 09:50 (29)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-23 11:43 (-6)	6.46		3.7 - 11
		Day 29	2020-07-27 09:38 (29)	5.32		3.7 - 11
		Day 57	2020-08-24 09:50 (29)	5.67		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-23 11:43 (-6)	1.58		0.9 - 3.6
		Day 29	2020-07-27 09:38 (29)	1.19		0.9 - 3.6
		Day 57	2020-08-24 09:50 (29)	1.46		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-23 11:43 (-6)	24.5		12 - 46
		Day 29	2020-07-27 09:38 (29)	22.4		12 - 46
		Day 57	2020-08-24 09:50 (29)	25.7		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-23 11:43 (-6)	0.54		0 - 1.2
		Day 29	2020-07-27 09:38 (29)	0.47		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051081	Monocytes (10^9/L)	Day 57	2020-08-24 09:50 (29)	0.50		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-23 11:43 (-6)	8.4		0 - 11
		Day 29	2020-07-27 09:38 (29)	8.8		0 - 11
		Day 57	2020-08-24 09:50 (29)	8.8		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-23 11:43 (-6)	4.09		1.7 - 7.9
		Day 29	2020-07-27 09:38 (29)	3.36		1.7 - 7.9
		Day 57	2020-08-24 09:50 (29)	3.34		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-23 11:43 (-6)	63.2		34 - 71
		Day 29	2020-07-27 09:38 (29)	63.2		34 - 71
		Day 57	2020-08-24 09:50 (29)	58.9		34 - 71
	Platelets (10^9/L)	Screening	2020-06-23 11:43 (-6)	212		163 - 375
		Day 29	2020-07-27 09:38 (29)	202		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051081	Platelets (10^9/L)	Day 57	2020-08-24 09:50 (29)	201		163 - 375
US2051092	Basophils (10^9/L)	Screening	2020-06-26 12:27 (-11)	0.03		0 - 0.3
		Day 29	2020-08-06 09:35 (31)	0.04		0 - 0.3
		Day 57	2020-09-03 09:20 (29)	0.06		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-26 12:27 (-11)	0.7		0 - 3
		Day 29	2020-08-06 09:35 (31)	0.9		0 - 3
		Day 57	2020-09-03 09:20 (29)	1.6		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-26 12:27 (-11)	0.13		0 - 0.8
		Day 29	2020-08-06 09:35 (31)	0.18		0 - 0.8
		Day 57	2020-09-03 09:20 (29)	0.22		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-26 12:27 (-11)	3.2		0 - 7
		Day 29	2020-08-06 09:35 (31)	4.2		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051092	Eosinophils/Leukocytes (%)	Day 57	2020-09-03 09:20 (29)	5.9		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-26 12:27 (-11)	4.36		3.7 - 5.2
		Day 29	2020-08-06 09:35 (31)	4.20		3.7 - 5.2
		Day 57	2020-09-03 09:20 (29)	4.22		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-26 12:27 (-11)	0.427		0.33 - 0.47
		Day 29	2020-08-06 09:35 (31)	0.403		0.33 - 0.47
		Day 57	2020-09-03 09:20 (29)	0.398		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-26 12:27 (-11)	131		110 - 155
		Day 29	2020-08-06 09:35 (31)	129	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-09-03 09:20 (29)	128	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-26 12:27 (-11)	<0.03		0 - 0.07
		Day 29	2020-08-06 09:35 (31)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051092	Immature Granulocytes (10^9/L)	Day 57	2020-09-03 09:20 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-26 12:27 (-11)	0.0		0 - 1
		Day 29	2020-08-06 09:35 (31)	0.5		0 - 1
		Day 57	2020-09-03 09:20 (29)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-26 12:27 (-11)	4.10		3.7 - 11
		Day 29	2020-08-06 09:35 (31)	4.27		3.7 - 11
		Day 57	2020-09-03 09:20 (29)	3.76		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-26 12:27 (-11)	1.77		0.9 - 3.6
		Day 29	2020-08-06 09:35 (31)	1.23		0.9 - 3.6
		Day 57	2020-09-03 09:20 (29)	1.55		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-26 12:27 (-11)	43.2		12 - 46
		Day 29	2020-08-06 09:35 (31)	28.8		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051092	Lymphocytes/Leukocytes (%)	Day 57	2020-09-03 09:20 (29)	41.2		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-26 12:27 (-11)	0.36		0 - 1.2
		Day 29	2020-08-06 09:35 (31)	0.30		0 - 1.2
		Day 57	2020-09-03 09:20 (29)	0.28		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-26 12:27 (-11)	8.8		0 - 11
		Day 29	2020-08-06 09:35 (31)	7.0		0 - 11
		Day 57	2020-09-03 09:20 (29)	7.4		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-26 12:27 (-11)	1.81	G1 Neutrophils Decreased	1.7 - 7.9
		Day 29	2020-08-06 09:35 (31)	2.50		1.7 - 7.9
		Day 57	2020-09-03 09:20 (29)	1.64 (L)	G1 Neutrophils Decreased	1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-26 12:27 (-11)	44.1		34 - 71
		Day 29	2020-08-06 09:35 (31)	58.6		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051092	Neutrophils/Leukocytes (%)	Day 57	2020-09-03 09:20 (29)	43.6		34 - 71
	Platelets (10^9/L)	Screening	2020-06-26 12:27 (-11)	233		163 - 375
		Day 29	2020-08-06 09:35 (31)	237		163 - 375
		Day 57	2020-09-03 09:20 (29)	230		163 - 375
US2051093	Basophils (10^9/L)	Screening	2020-06-26 14:07 (-10)	0.08		0 - 0.3
		Day 29	2020-08-04 09:59 (30)	0.09		0 - 0.3
		Day 57	2020-09-01 09:21 (29)	0.09		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-26 14:07 (-10)	0.8		0 - 3
		Day 29	2020-08-04 09:59 (30)	1.4		0 - 3
		Day 57	2020-09-01 09:21 (29)	1.4		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-26 14:07 (-10)	0.23		0 - 0.8
		Day 29	2020-08-04 09:59 (30)	0.36		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051093	Eosinophils (10^9/L)	Day 57	2020-09-01 09:21 (29)	0.43		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-26 14:07 (-10)	2.4		0 - 7
		Day 29	2020-08-04 09:59 (30)	5.6		0 - 7
		Day 57	2020-09-01 09:21 (29)	6.5		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-26 14:07 (-10)	4.20		3.7 - 5.2
		Day 29	2020-08-04 09:59 (30)	4.15		3.7 - 5.2
		Day 57	2020-09-01 09:21 (29)	4.16		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-26 14:07 (-10)	0.422		0.33 - 0.47
		Day 29	2020-08-04 09:59 (30)	0.409		0.33 - 0.47
		Day 57	2020-09-01 09:21 (29)	0.417		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-26 14:07 (-10)	126		110 - 155
		Day 29	2020-08-04 09:59 (30)	124	G1 Hemoglobin Decreased	110 - 155

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051093	Hemoglobin (g/L)	Day 57	2020-09-01 09:21 (29)	124	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-26 14:07 (-10)	0.04		0 - 0.07
		Day 29	2020-08-04 09:59 (30)	<0.03		0 - 0.07
		Day 57	2020-09-01 09:21 (29)	0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-26 14:07 (-10)	0.4		0 - 1
		Day 29	2020-08-04 09:59 (30)	0.3		0 - 1
		Day 57	2020-09-01 09:21 (29)	0.5		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-26 14:07 (-10)	9.71		3.7 - 11
		Day 29	2020-08-04 09:59 (30)	6.41		3.7 - 11
		Day 57	2020-09-01 09:21 (29)	6.64		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-26 14:07 (-10)	3.03		0.9 - 3.6
		Day 29	2020-08-04 09:59 (30)	2.42		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051093	Lymphocytes (10^9/L)	Day 57	2020-09-01 09:21 (29)	2.73		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-26 14:07 (-10)	31.2		12 - 46
		Day 29	2020-08-04 09:59 (30)	37.8		12 - 46
		Day 57	2020-09-01 09:21 (29)	41.1		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-26 14:07 (-10)	0.79		0 - 1.2
		Day 29	2020-08-04 09:59 (30)	0.52		0 - 1.2
		Day 57	2020-09-01 09:21 (29)	0.67		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-26 14:07 (-10)	8.1		0 - 11
		Day 29	2020-08-04 09:59 (30)	8.1		0 - 11
		Day 57	2020-09-01 09:21 (29)	10.1		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-26 14:07 (-10)	5.54		1.7 - 7.9
		Day 29	2020-08-04 09:59 (30)	3.00		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051093	Neutrophils (10^9/L)	Day 57	2020-09-01 09:21 (29)	2.69		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-26 14:07 (-10)	57.1		34 - 71
		Day 29	2020-08-04 09:59 (30)	46.8		34 - 71
		Day 57	2020-09-01 09:21 (29)	40.4		34 - 71
	Platelets (10^9/L)	Screening	2020-06-26 14:07 (-10)	322		163 - 375
		Day 29	2020-08-04 09:59 (30)	358		163 - 375
		Day 57	2020-09-01 09:21 (29)	353		163 - 375
US2051094	Basophils (10^9/L)	Screening	2020-06-29 10:29 (-8)	0.04		0 - 0.3
		Unscheduled	2020-07-02 11:44 (-5)	0.07		0 - 0.3
		Day 29	2020-08-04 10:54 (29)	0.05		0 - 0.3
		Day 57	2020-09-02 09:48 (30)	0.06		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-29 10:29 (-8)	0.6		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051094	Basophils/Leukocytes (%)	Unscheduled	2020-07-02 11:44 (-5)	1.0		0 - 3
		Day 29	2020-08-04 10:54 (29)	0.7		0 - 3
		Day 57	2020-09-02 09:48 (30)	1.0		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-29 10:29 (-8)	0.08		0 - 0.8
		Unscheduled	2020-07-02 11:44 (-5)	0.09		0 - 0.8
		Day 29	2020-08-04 10:54 (29)	0.07		0 - 0.8
		Day 57	2020-09-02 09:48 (30)	0.09		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-29 10:29 (-8)	1.3		0 - 7
		Unscheduled	2020-07-02 11:44 (-5)	1.3		0 - 7
		Day 29	2020-08-04 10:54 (29)	1.0		0 - 7
		Day 57	2020-09-02 09:48 (30)	1.5		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-29 10:29 (-8)	4.15 (L)		4.63 - 6.08

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051094	Erythrocytes (10^12/L)	Unscheduled	2020-07-02 11:44 (-5)	4.16 (L)		4.63 - 6.08
		Day 29	2020-08-04 10:54 (29)	4.16 (L)		4.63 - 6.08
		Day 57	2020-09-02 09:48 (30)	4.42 (L)		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-29 10:29 (-8)	0.423		0.37 - 0.51
		Unscheduled	2020-07-02 11:44 (-5)	0.420		0.37 - 0.51
		Day 29	2020-08-04 10:54 (29)	0.404		0.37 - 0.51
		Day 57	2020-09-02 09:48 (30)	0.441		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-29 10:29 (-8)	134	G1 Hemoglobin Decreased	125 - 170
		Unscheduled	2020-07-02 11:44 (-5)	133	G1 Hemoglobin Decreased	125 - 170
		Day 29	2020-08-04 10:54 (29)	135	G1 Hemoglobin Decreased	125 - 170
		Day 57	2020-09-02 09:48 (30)	141		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-29 10:29 (-8)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051094	Immature Granulocytes (10^9/L)	Unscheduled	2020-07-02 11:44 (-5)	<0.03		0 - 0.07
		Day 29	2020-08-04 10:54 (29)	<0.03		0 - 0.07
		Day 57	2020-09-02 09:48 (30)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-29 10:29 (-8)	0.3		0 - 1
		Unscheduled	2020-07-02 11:44 (-5)	0.3		0 - 1
		Day 29	2020-08-04 10:54 (29)	0.3		0 - 1
		Day 57	2020-09-02 09:48 (30)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-29 10:29 (-8)	6.18		3.7 - 11
		Unscheduled	2020-07-02 11:44 (-5)	6.98		3.7 - 11
		Day 29	2020-08-04 10:54 (29)	7.27		3.7 - 11
		Day 57	2020-09-02 09:48 (30)	6.09		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-29 10:29 (-8)	1.79		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051094	Lymphocytes (10^9/L)	Unscheduled	2020-07-02 11:44 (-5)	2.29		0.9 - 3.6
		Day 29	2020-08-04 10:54 (29)	2.08		0.9 - 3.6
		Day 57	2020-09-02 09:48 (30)	1.85		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-29 10:29 (-8)	29.0		12 - 46
		Unscheduled	2020-07-02 11:44 (-5)	32.8		12 - 46
		Day 29	2020-08-04 10:54 (29)	28.6		12 - 46
		Day 57	2020-09-02 09:48 (30)	30.4		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-29 10:29 (-8)	0.46		0 - 1.2
		Unscheduled	2020-07-02 11:44 (-5)	0.60		0 - 1.2
		Day 29	2020-08-04 10:54 (29)	0.46		0 - 1.2
		Day 57	2020-09-02 09:48 (30)	0.50		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-29 10:29 (-8)	7.4		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051094	Monocytes/Leukocytes (%)	Unscheduled	2020-07-02 11:44 (-5)	8.6		0 - 11
		Day 29	2020-08-04 10:54 (29)	6.3		0 - 11
		Day 57	2020-09-02 09:48 (30)	8.2		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-29 10:29 (-8)	3.79		1.7 - 7.9
		Unscheduled	2020-07-02 11:44 (-5)	3.91		1.7 - 7.9
		Day 29	2020-08-04 10:54 (29)	4.59		1.7 - 7.9
		Day 57	2020-09-02 09:48 (30)	3.58		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-29 10:29 (-8)	61.4		34 - 71
		Unscheduled	2020-07-02 11:44 (-5)	56.0		34 - 71
		Day 29	2020-08-04 10:54 (29)	63.1		34 - 71
		Day 57	2020-09-02 09:48 (30)	58.7		34 - 71
	Platelets (10^9/L)	Screening	2020-06-29 10:29 (-8)	161 (L)		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051094	Platelets (10^9/L)	Unscheduled	2020-07-02 11:44 (-5)	184		163 - 375
		Day 29	2020-08-04 10:54 (29)	198		163 - 375
		Day 57	2020-09-02 09:48 (30)	166		163 - 375
US2051095	Basophils (10^9/L)	Screening	2020-06-29 12:20 (-3)	0.06		0 - 0.3
		Day 29	2020-07-30 11:41 (29)	0.05		0 - 0.3
		Day 57	2020-08-26 09:20 (28)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-29 12:20 (-3)	0.9		0 - 3
		Day 29	2020-07-30 11:41 (29)	1.0		0 - 3
		Day 57	2020-08-26 09:20 (28)	0.8		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-29 12:20 (-3)	0.21		0 - 0.8
		Day 29	2020-07-30 11:41 (29)	0.19		0 - 0.8
		Day 57	2020-08-26 09:20 (28)	0.26		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051095	Eosinophils/Leukocytes (%)	Screening	2020-06-29 12:20 (-3)	3.0		0 - 7
		Day 29	2020-07-30 11:41 (29)	3.7		0 - 7
		Day 57	2020-08-26 09:20 (28)	5.1		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-29 12:20 (-3)	4.46		3.7 - 5.2
		Day 29	2020-07-30 11:41 (29)	4.34		3.7 - 5.2
		Day 57	2020-08-26 09:20 (28)	4.57		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-29 12:20 (-3)	0.431		0.33 - 0.47
		Day 29	2020-07-30 11:41 (29)	0.406		0.33 - 0.47
		Day 57	2020-08-26 09:20 (28)	0.457		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-29 12:20 (-3)	132		110 - 155
		Day 29	2020-07-30 11:41 (29)	130	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-26 09:20 (28)	136		110 - 155

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051095	Immature Granulocytes (10^9/L)	Screening	2020-06-29 12:20 (-3)	<0.03		0 - 0.07
		Day 29	2020-07-30 11:41 (29)	<0.03		0 - 0.07
		Day 57	2020-08-26 09:20 (28)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-29 12:20 (-3)	0.1		0 - 1
		Day 29	2020-07-30 11:41 (29)	0.2		0 - 1
		Day 57	2020-08-26 09:20 (28)	0.4		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-29 12:20 (-3)	6.89		3.7 - 11
		Day 29	2020-07-30 11:41 (29)	5.17		3.7 - 11
		Day 57	2020-08-26 09:20 (28)	5.14		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-29 12:20 (-3)	2.02		0.9 - 3.6
		Day 29	2020-07-30 11:41 (29)	1.71		0.9 - 3.6
		Day 57	2020-08-26 09:20 (28)	1.82		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051095	Lymphocytes/Leukocytes (%)	Screening	2020-06-29 12:20 (-3)	29.3		12 - 46
		Day 29	2020-07-30 11:41 (29)	33.1		12 - 46
		Day 57	2020-08-26 09:20 (28)	35.4		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-29 12:20 (-3)	0.90		0 - 1.2
		Day 29	2020-07-30 11:41 (29)	0.77		0 - 1.2
		Day 57	2020-08-26 09:20 (28)	0.52		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-29 12:20 (-3)	13.1 (H)		0 - 11
		Day 29	2020-07-30 11:41 (29)	14.9 (H)		0 - 11
		Day 57	2020-08-26 09:20 (28)	10.1		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-29 12:20 (-3)	3.69		1.7 - 7.9
		Day 29	2020-07-30 11:41 (29)	2.44		1.7 - 7.9
		Day 57	2020-08-26 09:20 (28)	2.48		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051095	Neutrophils/Leukocytes (%)	Screening	2020-06-29 12:20 (-3)	53.6		34 - 71
		Day 29	2020-07-30 11:41 (29)	47.1		34 - 71
		Day 57	2020-08-26 09:20 (28)	48.2		34 - 71
	Platelets (10^9/L)	Screening	2020-06-29 12:20 (-3)	237		163 - 375
		Day 29	2020-07-30 11:41 (29)	243		163 - 375
		Day 57	2020-08-26 09:20 (28)	248		163 - 375
US2051096	Basophils (10^9/L)	Screening	2020-06-29 14:08 (-7)	0.04		0 - 0.3
		Day 29	2020-08-03 09:30 (29)	0.03		0 - 0.3
		Day 57	2020-08-31 09:56 (29)	0.05		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-29 14:08 (-7)	0.5		0 - 3
		Day 29	2020-08-03 09:30 (29)	0.5		0 - 3
		Day 57	2020-08-31 09:56 (29)	0.8		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051096	Eosinophils (10^9/L)	Screening	2020-06-29 14:08 (-7)	0.22		0 - 0.8
		Day 29	2020-08-03 09:30 (29)	0.13		0 - 0.8
		Day 57	2020-08-31 09:56 (29)	0.19		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-29 14:08 (-7)	2.9		0 - 7
		Day 29	2020-08-03 09:30 (29)	2.3		0 - 7
		Day 57	2020-08-31 09:56 (29)	3.0		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-29 14:08 (-7)	4.90		3.7 - 5.2
		Day 29	2020-08-03 09:30 (29)	4.47		3.7 - 5.2
		Day 57	2020-08-31 09:56 (29)	4.51		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-29 14:08 (-7)	0.488 (H)		0.33 - 0.47
		Day 29	2020-08-03 09:30 (29)	0.441		0.33 - 0.47
		Day 57	2020-08-31 09:56 (29)	0.442		0.33 - 0.47

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051096	Hemoglobin (g/L)	Screening	2020-06-29 14:08 (-7)	151		110 - 155
		Day 29	2020-08-03 09:30 (29)	141	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-31 09:56 (29)	141	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-29 14:08 (-7)	<0.03		0 - 0.07
		Day 29	2020-08-03 09:30 (29)	<0.03		0 - 0.07
		Day 57	2020-08-31 09:56 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-29 14:08 (-7)	0.3		0 - 1
		Day 29	2020-08-03 09:30 (29)	0.2		0 - 1
		Day 57	2020-08-31 09:56 (29)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-29 14:08 (-7)	7.50		3.7 - 11
		Day 29	2020-08-03 09:30 (29)	5.55		3.7 - 11
		Day 57	2020-08-31 09:56 (29)	6.32		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051096	Lymphocytes (10^9/L)	Screening	2020-06-29 14:08 (-7)	1.75		0.9 - 3.6
		Day 29	2020-08-03 09:30 (29)	1.56		0.9 - 3.6
		Day 57	2020-08-31 09:56 (29)	2.27		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-29 14:08 (-7)	23.3		12 - 46
		Day 29	2020-08-03 09:30 (29)	28.1		12 - 46
		Day 57	2020-08-31 09:56 (29)	35.9		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-29 14:08 (-7)	0.49		0 - 1.2
		Day 29	2020-08-03 09:30 (29)	0.33		0 - 1.2
		Day 57	2020-08-31 09:56 (29)	0.40		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-29 14:08 (-7)	6.5		0 - 11
		Day 29	2020-08-03 09:30 (29)	5.9		0 - 11
		Day 57	2020-08-31 09:56 (29)	6.3		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051096	Neutrophils (10^9/L)	Screening	2020-06-29 14:08 (-7)	4.98		1.7 - 7.9
		Day 29	2020-08-03 09:30 (29)	3.49		1.7 - 7.9
		Day 57	2020-08-31 09:56 (29)	3.40		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-29 14:08 (-7)	66.5		34 - 71
		Day 29	2020-08-03 09:30 (29)	63.0		34 - 71
		Day 57	2020-08-31 09:56 (29)	53.8		34 - 71
	Platelets (10^9/L)	Screening	2020-06-29 14:08 (-7)	248		163 - 375
		Day 29	2020-08-03 09:30 (29)	233		163 - 375
		Day 57	2020-08-31 09:56 (29)	245		163 - 375
US2051099	Basophils (10^9/L)	Screening	2020-06-29 15:41 (-7)	0.04		0 - 0.3
		Day 29	2020-08-03 10:23 (29)	0.05		0 - 0.3
		Day 57	2020-09-02 10:14 (31)	0.04		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051099	Basophils/Leukocytes (%)	Screening	2020-06-29 15:41 (-7)	0.6		0 - 3
		Day 29	2020-08-03 10:23 (29)	0.8		0 - 3
		Day 57	2020-09-02 10:14 (31)	0.7		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-29 15:41 (-7)	0.12		0 - 0.8
		Day 29	2020-08-03 10:23 (29)	0.11		0 - 0.8
		Day 57	2020-09-02 10:14 (31)	0.12		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-29 15:41 (-7)	1.9		0 - 7
		Day 29	2020-08-03 10:23 (29)	1.8		0 - 7
		Day 57	2020-09-02 10:14 (31)	2.2		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-29 15:41 (-7)	4.94		4.63 - 6.08
		Day 29	2020-08-03 10:23 (29)	4.84		4.63 - 6.08
		Day 57	2020-09-02 10:14 (31)	4.95		4.63 - 6.08

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051099	Hematocrit (L/L)	Screening	2020-06-29 15:41 (-7)	0.487		0.37 - 0.51
		Day 29	2020-08-03 10:23 (29)	0.472		0.37 - 0.51
		Day 57	2020-09-02 10:14 (31)	0.500		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-29 15:41 (-7)	155		125 - 170
		Day 29	2020-08-03 10:23 (29)	150	G1 Hemoglobin Decreased	125 - 170
		Day 57	2020-09-02 10:14 (31)	157		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-29 15:41 (-7)	<0.03		0 - 0.07
		Day 29	2020-08-03 10:23 (29)	<0.03		0 - 0.07
		Day 57	2020-09-02 10:14 (31)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-29 15:41 (-7)	0.3		0 - 1
		Day 29	2020-08-03 10:23 (29)	0.3		0 - 1
		Day 57	2020-09-02 10:14 (31)	0.2		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051099	Leukocytes (10^9/L)	Screening	2020-06-29 15:41 (-7)	6.17		3.7 - 11
		Day 29	2020-08-03 10:23 (29)	6.14		3.7 - 11
		Day 57	2020-09-02 10:14 (31)	5.57		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-29 15:41 (-7)	1.76		0.9 - 3.6
		Day 29	2020-08-03 10:23 (29)	1.79		0.9 - 3.6
		Day 57	2020-09-02 10:14 (31)	1.68		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-29 15:41 (-7)	28.5		12 - 46
		Day 29	2020-08-03 10:23 (29)	29.2		12 - 46
		Day 57	2020-09-02 10:14 (31)	30.2		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-29 15:41 (-7)	0.65		0 - 1.2
		Day 29	2020-08-03 10:23 (29)	0.58		0 - 1.2
		Day 57	2020-09-02 10:14 (31)	0.51		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051099	Monocytes/Leukocytes (%)	Screening	2020-06-29 15:41 (-7)	10.5		0 - 11
		Day 29	2020-08-03 10:23 (29)	9.4		0 - 11
		Day 57	2020-09-02 10:14 (31)	9.2		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-29 15:41 (-7)	3.58		1.7 - 7.9
		Day 29	2020-08-03 10:23 (29)	3.59		1.7 - 7.9
		Day 57	2020-09-02 10:14 (31)	3.21		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-29 15:41 (-7)	58.2		34 - 71
		Day 29	2020-08-03 10:23 (29)	58.5		34 - 71
		Day 57	2020-09-02 10:14 (31)	57.5		34 - 71
	Platelets (10^9/L)	Screening	2020-06-29 15:41 (-7)	186		163 - 375
		Day 29	2020-08-03 10:23 (29)	219		163 - 375
		Day 57	2020-09-02 10:14 (31)	186		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051100	Basophils (10^9/L)	Screening	2020-06-29 15:13 (-3)	0.04		0 - 0.3
		Day 29	2020-08-04 11:33 (34)	0.04		0 - 0.3
		Day 57	2020-09-08 09:21 (36)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-29 15:13 (-3)	0.7		0 - 3
		Day 29	2020-08-04 11:33 (34)	0.6		0 - 3
		Day 57	2020-09-08 09:21 (36)	0.7		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-29 15:13 (-3)	0.09		0 - 0.8
		Day 29	2020-08-04 11:33 (34)	0.13		0 - 0.8
		Day 57	2020-09-08 09:21 (36)	0.22		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-29 15:13 (-3)	1.7		0 - 7
		Day 29	2020-08-04 11:33 (34)	2.1		0 - 7
		Day 57	2020-09-08 09:21 (36)	3.7		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051100	Erythrocytes (10^12/L)	Screening	2020-06-29 15:13 (-3)	4.38		3.7 - 5.2
		Day 29	2020-08-04 11:33 (34)	4.19		3.7 - 5.2
		Day 57	2020-09-08 09:21 (36)	4.32		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-29 15:13 (-3)	0.431		0.33 - 0.47
		Day 29	2020-08-04 11:33 (34)	0.406		0.33 - 0.47
		Day 57	2020-09-08 09:21 (36)	0.419		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-29 15:13 (-3)	131		110 - 155
		Day 29	2020-08-04 11:33 (34)	125	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-09-08 09:21 (36)	127	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-29 15:13 (-3)	<0.03		0 - 0.07
		Day 29	2020-08-04 11:33 (34)	<0.03		0 - 0.07
		Day 57	2020-09-08 09:21 (36)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051100	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-29 15:13 (-3)	0.4		0 - 1
		Day 29	2020-08-04 11:33 (34)	0.3		0 - 1
		Day 57	2020-09-08 09:21 (36)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-29 15:13 (-3)	5.41		3.7 - 11
		Day 29	2020-08-04 11:33 (34)	6.23		3.7 - 11
		Day 57	2020-09-08 09:21 (36)	5.97		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-29 15:13 (-3)	1.89		0.9 - 3.6
		Day 29	2020-08-04 11:33 (34)	1.89		0.9 - 3.6
		Day 57	2020-09-08 09:21 (36)	2.72		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-29 15:13 (-3)	34.9		12 - 46
		Day 29	2020-08-04 11:33 (34)	30.3		12 - 46
		Day 57	2020-09-08 09:21 (36)	45.6		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051100	Monocytes (10^9/L)	Screening	2020-06-29 15:13 (-3)	0.61		0 - 1.2
		Day 29	2020-08-04 11:33 (34)	0.59		0 - 1.2
		Day 57	2020-09-08 09:21 (36)	0.63		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-29 15:13 (-3)	11.3 (H)		0 - 11
		Day 29	2020-08-04 11:33 (34)	9.5		0 - 11
		Day 57	2020-09-08 09:21 (36)	10.6		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-29 15:13 (-3)	2.76		1.7 - 7.9
		Day 29	2020-08-04 11:33 (34)	3.56		1.7 - 7.9
		Day 57	2020-09-08 09:21 (36)	2.35		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-29 15:13 (-3)	51.0		34 - 71
		Day 29	2020-08-04 11:33 (34)	57.2		34 - 71
		Day 57	2020-09-08 09:21 (36)	39.2		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051100	Platelets (10^9/L)	Screening	2020-06-29 15:13 (-3)	227		163 - 375
		Day 29	2020-08-04 11:33 (34)	241		163 - 375
		Day 57	2020-09-08 09:21 (36)	226		163 - 375
US2051103	Basophils (10^9/L)	Screening	2020-06-30 13:01 (-2)	0.05		0 - 0.3
		Day 29	2020-07-30 08:29 (29)	0.04		0 - 0.3
		Day 57	2020-08-27 09:18 (29)	0.05		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-30 13:01 (-2)	1.3		0 - 3
		Day 29	2020-07-30 08:29 (29)	1.1		0 - 3
		Day 57	2020-08-27 09:18 (29)	1.6		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-30 13:01 (-2)	0.03		0 - 0.8
		Day 29	2020-07-30 08:29 (29)	0.10		0 - 0.8
		Day 57	2020-08-27 09:18 (29)	0.07		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051103	Eosinophils/Leukocytes (%)	Screening	2020-06-30 13:01 (-2)	0.8		0 - 7
		Day 29	2020-07-30 08:29 (29)	2.7		0 - 7
		Day 57	2020-08-27 09:18 (29)	2.2		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-30 13:01 (-2)	4.44		3.7 - 5.2
		Day 29	2020-07-30 08:29 (29)	4.14		3.7 - 5.2
		Day 57	2020-08-27 09:18 (29)	4.15		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-30 13:01 (-2)	0.442		0.33 - 0.47
		Day 29	2020-07-30 08:29 (29)	0.412		0.33 - 0.47
		Day 57	2020-08-27 09:18 (29)	0.417		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-30 13:01 (-2)	138		110 - 155
		Day 29	2020-07-30 08:29 (29)	128	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-27 09:18 (29)	129	G1 Hemoglobin Decreased	110 - 155

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051103	Immature Granulocytes (10^9/L)	Screening	2020-06-30 13:01 (-2)	<0.03		0 - 0.07
		Day 29	2020-07-30 08:29 (29)	<0.03		0 - 0.07
		Day 57	2020-08-27 09:18 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-30 13:01 (-2)	0.3		0 - 1
		Day 29	2020-07-30 08:29 (29)	0.3		0 - 1
		Day 57	2020-08-27 09:18 (29)	0.0		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-30 13:01 (-2)	3.87		3.7 - 11
		Day 29	2020-07-30 08:29 (29)	3.67 (L)		3.7 - 11
		Day 57	2020-08-27 09:18 (29)	3.19 (L)	G1 WBC Decreased	3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-30 13:01 (-2)	1.32		0.9 - 3.6
		Day 29	2020-07-30 08:29 (29)	1.29		0.9 - 3.6
		Day 57	2020-08-27 09:18 (29)	1.22		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051103	Lymphocytes/Leukocytes (%)	Screening	2020-06-30 13:01 (-2)	34.1		12 - 46
		Day 29	2020-07-30 08:29 (29)	35.1		12 - 46
		Day 57	2020-08-27 09:18 (29)	38.2		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-30 13:01 (-2)	0.23		0 - 1.2
		Day 29	2020-07-30 08:29 (29)	0.27		0 - 1.2
		Day 57	2020-08-27 09:18 (29)	0.19		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-30 13:01 (-2)	5.9		0 - 11
		Day 29	2020-07-30 08:29 (29)	7.4		0 - 11
		Day 57	2020-08-27 09:18 (29)	6.0		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-30 13:01 (-2)	2.23		1.7 - 7.9
		Day 29	2020-07-30 08:29 (29)	1.96	G1 Neutrophils Decreased	1.7 - 7.9
		Day 57	2020-08-27 09:18 (29)	1.66 (L)	G1 Neutrophils Decreased	1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051103	Neutrophils/Leukocytes (%)	Screening	2020-06-30 13:01 (-2)	57.6		34 - 71
		Day 29	2020-07-30 08:29 (29)	53.4		34 - 71
		Day 57	2020-08-27 09:18 (29)	52.0		34 - 71
	Platelets (10^9/L)	Screening	2020-06-30 13:01 (-2)	180		163 - 375
		Day 29	2020-07-30 08:29 (29)	180		163 - 375
		Day 57	2020-08-27 09:18 (29)	180		163 - 375
US2051105	Basophils (10^9/L)	Screening	2020-06-30 12:56 (-2)	0.03		0 - 0.3
		Day 29	2020-07-31 09:39 (30)	0.05		0 - 0.3
		Day 57	2020-08-27 14:59 (28)	0.05		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-30 12:56 (-2)	0.5		0 - 3
		Day 29	2020-07-31 09:39 (30)	1.0		0 - 3
		Day 57	2020-08-27 14:59 (28)	0.8		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051105	Eosinophils (10^9/L)	Screening	2020-06-30 12:56 (-2)	0.09		0 - 0.8
		Day 29	2020-07-31 09:39 (30)	0.07		0 - 0.8
		Day 57	2020-08-27 14:59 (28)	0.09		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-30 12:56 (-2)	1.6		0 - 7
		Day 29	2020-07-31 09:39 (30)	1.5		0 - 7
		Day 57	2020-08-27 14:59 (28)	1.5		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-30 12:56 (-2)	4.52		3.7 - 5.2
		Day 29	2020-07-31 09:39 (30)	4.46		3.7 - 5.2
		Day 57	2020-08-27 14:59 (28)	4.23		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-30 12:56 (-2)	0.458		0.33 - 0.47
		Day 29	2020-07-31 09:39 (30)	0.450		0.33 - 0.47
		Day 57	2020-08-27 14:59 (28)	0.425		0.33 - 0.47

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051105	Hemoglobin (g/L)	Screening	2020-06-30 12:56 (-2)	139		110 - 155
		Day 29	2020-07-31 09:39 (30)	138	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-27 14:59 (28)	130	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-30 12:56 (-2)	<0.03		0 - 0.07
		Day 29	2020-07-31 09:39 (30)	<0.03		0 - 0.07
		Day 57	2020-08-27 14:59 (28)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-30 12:56 (-2)	0.2		0 - 1
		Day 29	2020-07-31 09:39 (30)	0.0		0 - 1
		Day 57	2020-08-27 14:59 (28)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-30 12:56 (-2)	5.63		3.7 - 11
		Day 29	2020-07-31 09:39 (30)	4.80		3.7 - 11
		Day 57	2020-08-27 14:59 (28)	6.11		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051105	Lymphocytes (10^9/L)	Screening	2020-06-30 12:56 (-2)	2.48		0.9 - 3.6
		Day 29	2020-07-31 09:39 (30)	2.00		0.9 - 3.6
		Day 57	2020-08-27 14:59 (28)	2.90		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-30 12:56 (-2)	44.0		12 - 46
		Day 29	2020-07-31 09:39 (30)	41.7		12 - 46
		Day 57	2020-08-27 14:59 (28)	47.5 (H)		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-30 12:56 (-2)	0.36		0 - 1.2
		Day 29	2020-07-31 09:39 (30)	0.33		0 - 1.2
		Day 57	2020-08-27 14:59 (28)	0.45		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-30 12:56 (-2)	6.4		0 - 11
		Day 29	2020-07-31 09:39 (30)	6.9		0 - 11
		Day 57	2020-08-27 14:59 (28)	7.4		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051105	Neutrophils (10^9/L)	Screening	2020-06-30 12:56 (-2)	2.66		1.7 - 7.9
		Day 29	2020-07-31 09:39 (30)	2.35		1.7 - 7.9
		Day 57	2020-08-27 14:59 (28)	2.61		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-30 12:56 (-2)	47.3		34 - 71
		Day 29	2020-07-31 09:39 (30)	48.9		34 - 71
		Day 57	2020-08-27 14:59 (28)	42.6		34 - 71
	Platelets (10^9/L)	Screening	2020-06-30 12:56 (-2)	189		163 - 375
		Day 29	2020-07-31 09:39 (30)	198		163 - 375
		Day 57	2020-08-27 14:59 (28)	224		163 - 375
US2051107	Basophils (10^9/L)	Screening	2020-06-30 15:22 (-2)	0.08		0 - 0.3
		Day 29	2020-07-31 09:27 (30)	0.07		0 - 0.3
		Day 57	2020-08-28 08:23 (29)	0.07		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051107	Basophils/Leukocytes (%)	Screening	2020-06-30 15:22 (-2)	1.0		0 - 3
		Day 29	2020-07-31 09:27 (30)	1.1		0 - 3
		Day 57	2020-08-28 08:23 (29)	1.1		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-30 15:22 (-2)	0.24		0 - 0.8
		Day 29	2020-07-31 09:27 (30)	0.20		0 - 0.8
		Day 57	2020-08-28 08:23 (29)	0.28		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-30 15:22 (-2)	3.0		0 - 7
		Day 29	2020-07-31 09:27 (30)	3.2		0 - 7
		Day 57	2020-08-28 08:23 (29)	4.6		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-30 15:22 (-2)	4.89		4.63 - 6.08
		Day 29	2020-07-31 09:27 (30)	4.67		4.63 - 6.08
		Day 57	2020-08-28 08:23 (29)	4.88		4.63 - 6.08

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051107	Hematocrit (L/L)	Screening	2020-06-30 15:22 (-2)	0.479		0.37 - 0.51
		Day 29	2020-07-31 09:27 (30)	0.460		0.37 - 0.51
		Day 57	2020-08-28 08:23 (29)	0.496		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-30 15:22 (-2)	156		125 - 170
		Day 29	2020-07-31 09:27 (30)	152	G1 Hemoglobin Decreased	125 - 170
		Day 57	2020-08-28 08:23 (29)	156		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-30 15:22 (-2)	0.03		0 - 0.07
		Day 29	2020-07-31 09:27 (30)	<0.03		0 - 0.07
		Day 57	2020-08-28 08:23 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-30 15:22 (-2)	0.4		0 - 1
		Day 29	2020-07-31 09:27 (30)	0.2		0 - 1
		Day 57	2020-08-28 08:23 (29)	0.3		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051107	Leukocytes (10^9/L)	Screening	2020-06-30 15:22 (-2)	7.87		3.7 - 11
		Day 29	2020-07-31 09:27 (30)	6.18		3.7 - 11
		Day 57	2020-08-28 08:23 (29)	6.12		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-30 15:22 (-2)	1.91		0.9 - 3.6
		Day 29	2020-07-31 09:27 (30)	1.56		0.9 - 3.6
		Day 57	2020-08-28 08:23 (29)	1.84		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-30 15:22 (-2)	24.3		12 - 46
		Day 29	2020-07-31 09:27 (30)	25.2		12 - 46
		Day 57	2020-08-28 08:23 (29)	30.1		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-30 15:22 (-2)	0.64		0 - 1.2
		Day 29	2020-07-31 09:27 (30)	0.39		0 - 1.2
		Day 57	2020-08-28 08:23 (29)	0.49		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051107	Monocytes/Leukocytes (%)	Screening	2020-06-30 15:22 (-2)	8.1		0 - 11
		Day 29	2020-07-31 09:27 (30)	6.3		0 - 11
		Day 57	2020-08-28 08:23 (29)	8.0		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-30 15:22 (-2)	4.97		1.7 - 7.9
		Day 29	2020-07-31 09:27 (30)	3.95		1.7 - 7.9
		Day 57	2020-08-28 08:23 (29)	3.42		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-30 15:22 (-2)	63.2		34 - 71
		Day 29	2020-07-31 09:27 (30)	64.0		34 - 71
		Day 57	2020-08-28 08:23 (29)	55.9		34 - 71
	Platelets (10^9/L)	Screening	2020-06-30 15:22 (-2)	262		163 - 375
		Day 29	2020-07-31 09:27 (30)	295		163 - 375
		Day 57	2020-08-28 08:23 (29)	267		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051109	Basophils (10^9/L)	Screening	2020-06-30 16:02 (-6)	0.03		0 - 0.3
		Day 29	2020-08-04 12:16 (30)	0.03		0 - 0.3
		Day 57	2020-09-02 15:02 (30)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-30 16:02 (-6)	0.4		0 - 3
		Day 29	2020-08-04 12:16 (30)	0.5		0 - 3
		Day 57	2020-09-02 15:02 (30)	0.5		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-30 16:02 (-6)	0.13		0 - 0.8
		Day 29	2020-08-04 12:16 (30)	0.13		0 - 0.8
		Day 57	2020-09-02 15:02 (30)	0.17		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-30 16:02 (-6)	1.8		0 - 7
		Day 29	2020-08-04 12:16 (30)	2.1		0 - 7
		Day 57	2020-09-02 15:02 (30)	2.6		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051109	Erythrocytes (10^12/L)	Screening	2020-06-30 16:02 (-6)	4.87		3.7 - 5.2
		Day 29	2020-08-04 12:16 (30)	4.56		3.7 - 5.2
		Day 57	2020-09-02 15:02 (30)	4.52		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-30 16:02 (-6)	0.459		0.33 - 0.47
		Day 29	2020-08-04 12:16 (30)	0.420		0.33 - 0.47
		Day 57	2020-09-02 15:02 (30)	0.417		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-30 16:02 (-6)	144		110 - 155
		Day 29	2020-08-04 12:16 (30)	133	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-09-02 15:02 (30)	134	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-30 16:02 (-6)	<0.03		0 - 0.07
		Day 29	2020-08-04 12:16 (30)	<0.03		0 - 0.07
		Day 57	2020-09-02 15:02 (30)	0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051109	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-30 16:02 (-6)	0.1		0 - 1
		Day 29	2020-08-04 12:16 (30)	0.3		0 - 1
		Day 57	2020-09-02 15:02 (30)	0.5		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-30 16:02 (-6)	7.03		3.7 - 11
		Day 29	2020-08-04 12:16 (30)	6.31		3.7 - 11
		Day 57	2020-09-02 15:02 (30)	6.55		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-30 16:02 (-6)	1.71		0.9 - 3.6
		Day 29	2020-08-04 12:16 (30)	1.61		0.9 - 3.6
		Day 57	2020-09-02 15:02 (30)	1.72		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-30 16:02 (-6)	24.3		12 - 46
		Day 29	2020-08-04 12:16 (30)	25.5		12 - 46
		Day 57	2020-09-02 15:02 (30)	26.3		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051109	Monocytes (10^9/L)	Screening	2020-06-30 16:02 (-6)	0.48		0 - 1.2
		Day 29	2020-08-04 12:16 (30)	0.40		0 - 1.2
		Day 57	2020-09-02 15:02 (30)	0.43		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-30 16:02 (-6)	6.8		0 - 11
		Day 29	2020-08-04 12:16 (30)	6.3		0 - 11
		Day 57	2020-09-02 15:02 (30)	6.6		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-30 16:02 (-6)	4.67		1.7 - 7.9
		Day 29	2020-08-04 12:16 (30)	4.12		1.7 - 7.9
		Day 57	2020-09-02 15:02 (30)	4.17		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-30 16:02 (-6)	66.6		34 - 71
		Day 29	2020-08-04 12:16 (30)	65.3		34 - 71
		Day 57	2020-09-02 15:02 (30)	63.5		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051109	Platelets (10^9/L)	Screening	2020-06-30 16:02 (-6)	262		163 - 375
		Day 29	2020-08-04 12:16 (30)	264		163 - 375
		Day 57	2020-09-02 15:02 (30)	258		163 - 375
US2061037	Basophils (10^9/L)	Screening	2020-06-09 11:37 (-17)	0.03		0 - 0.3
		Day 29	2020-07-29 08:40 (34)	0.03		0 - 0.3
		Day 57	2020-08-26 13:50 (29)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-09 11:37 (-17)	0.6		0 - 3
		Day 29	2020-07-29 08:40 (34)	0.6		0 - 3
		Day 57	2020-08-26 13:50 (29)	0.4		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-09 11:37 (-17)	0.18		0 - 0.8
		Day 29	2020-07-29 08:40 (34)	0.21		0 - 0.8
		Day 57	2020-08-26 13:50 (29)	0.23		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061037	Eosinophils/Leukocytes (%)	Screening	2020-06-09 11:37 (-17)	3.4		0 - 7
		Day 29	2020-07-29 08:40 (34)	4.0		0 - 7
		Day 57	2020-08-26 13:50 (29)	4.3		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-09 11:37 (-17)	5.00		3.7 - 5.2
		Day 29	2020-07-29 08:40 (34)	4.77		3.7 - 5.2
		Day 57	2020-08-26 13:50 (29)	4.60		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-09 11:37 (-17)	0.457		0.33 - 0.47
		Day 29	2020-07-29 08:40 (34)	0.443		0.33 - 0.47
		Day 57	2020-08-26 13:50 (29)	0.463		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-09 11:37 (-17)	146		110 - 155
		Day 29	2020-07-29 08:40 (34)	137	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-26 13:50 (29)	132	G1 Hemoglobin Decreased	110 - 155

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061037	Immature Granulocytes (10^9/L)	Screening	2020-06-09 11:37 (-17)	<0.03		0 - 0.07
		Day 29	2020-07-29 08:40 (34)	<0.03		0 - 0.07
		Day 57	2020-08-26 13:50 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-09 11:37 (-17)	0.2		0 - 1
		Day 29	2020-07-29 08:40 (34)	0.4		0 - 1
		Day 57	2020-08-26 13:50 (29)	0.0		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-09 11:37 (-17)	5.29		3.7 - 11
		Day 29	2020-07-29 08:40 (34)	5.22		3.7 - 11
		Day 57	2020-08-26 13:50 (29)	5.31		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-09 11:37 (-17)	1.75		0.9 - 3.6
		Day 29	2020-07-29 08:40 (34)	1.85		0.9 - 3.6
		Day 57	2020-08-26 13:50 (29)	1.64		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061037	Lymphocytes/Leukocytes (%)	Screening	2020-06-09 11:37 (-17)	33.1		12 - 46
		Day 29	2020-07-29 08:40 (34)	35.4		12 - 46
		Day 57	2020-08-26 13:50 (29)	30.9		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-09 11:37 (-17)	0.35		0 - 1.2
		Day 29	2020-07-29 08:40 (34)	0.34		0 - 1.2
		Day 57	2020-08-26 13:50 (29)	0.44		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-09 11:37 (-17)	6.6		0 - 11
		Day 29	2020-07-29 08:40 (34)	6.5		0 - 11
		Day 57	2020-08-26 13:50 (29)	8.3		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-09 11:37 (-17)	2.97		1.7 - 7.9
		Day 29	2020-07-29 08:40 (34)	2.77		1.7 - 7.9
		Day 57	2020-08-26 13:50 (29)	2.98		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061037	Neutrophils/Leukocytes (%)	Screening	2020-06-09 11:37 (-17)	56.1		34 - 71
		Day 29	2020-07-29 08:40 (34)	53.1		34 - 71
		Day 57	2020-08-26 13:50 (29)	56.1		34 - 71
	Platelets (10^9/L)	Screening	2020-06-09 11:37 (-17)	254		163 - 375
		Day 29	2020-07-29 08:40 (34)	254		163 - 375
		Day 57	2020-08-26 13:50 (29)	231		163 - 375
US2061053	Basophils (10^9/L)	Screening	2020-06-15 14:02 (-16)	0.07		0 - 0.3
		Day 29	2020-07-29 11:44 (29)	0.06		0 - 0.3
		Day 57	2020-08-24 11:58 (27)	0.06		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-15 14:02 (-16)	1.1		0 - 3
		Day 29	2020-07-29 11:44 (29)	1.1		0 - 3
		Day 57	2020-08-24 11:58 (27)	1.1		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061053	Eosinophils (10^9/L)	Screening	2020-06-15 14:02 (-16)	0.15		0 - 0.8
		Day 29	2020-07-29 11:44 (29)	0.13		0 - 0.8
		Day 57	2020-08-24 11:58 (27)	0.12		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-15 14:02 (-16)	2.4		0 - 7
		Day 29	2020-07-29 11:44 (29)	2.4		0 - 7
		Day 57	2020-08-24 11:58 (27)	2.2		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-15 14:02 (-16)	4.43		3.7 - 5.2
		Day 29	2020-07-29 11:44 (29)	4.44		3.7 - 5.2
		Day 57	2020-08-24 11:58 (27)	4.42		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-15 14:02 (-16)	0.448		0.33 - 0.47
		Day 29	2020-07-29 11:44 (29)	0.440		0.33 - 0.47
		Day 57	2020-08-24 11:58 (27)	0.428		0.33 - 0.47

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061053	Hemoglobin (g/L)	Screening	2020-06-15 14:02 (-16)	135		110 - 155
		Day 29	2020-07-29 11:44 (29)	133	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-24 11:58 (27)	132	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-15 14:02 (-16)	<0.03		0 - 0.07
		Day 29	2020-07-29 11:44 (29)	<0.03		0 - 0.07
		Day 57	2020-08-24 11:58 (27)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-15 14:02 (-16)	0.2		0 - 1
		Day 29	2020-07-29 11:44 (29)	0.4		0 - 1
		Day 57	2020-08-24 11:58 (27)	0.4		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-15 14:02 (-16)	6.20		3.7 - 11
		Day 29	2020-07-29 11:44 (29)	5.46		3.7 - 11
		Day 57	2020-08-24 11:58 (27)	5.47		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061053	Lymphocytes (10^9/L)	Screening	2020-06-15 14:02 (-16)	1.54		0.9 - 3.6
		Day 29	2020-07-29 11:44 (29)	1.63		0.9 - 3.6
		Day 57	2020-08-24 11:58 (27)	1.44		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-15 14:02 (-16)	24.8		12 - 46
		Day 29	2020-07-29 11:44 (29)	29.9		12 - 46
		Day 57	2020-08-24 11:58 (27)	26.3		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-15 14:02 (-16)	0.70		0 - 1.2
		Day 29	2020-07-29 11:44 (29)	0.71		0 - 1.2
		Day 57	2020-08-24 11:58 (27)	0.63		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-15 14:02 (-16)	11.3 (H)		0 - 11
		Day 29	2020-07-29 11:44 (29)	13.0 (H)		0 - 11
		Day 57	2020-08-24 11:58 (27)	11.5 (H)		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061053	Neutrophils (10^9/L)	Screening	2020-06-15 14:02 (-16)	3.73		1.7 - 7.9
		Day 29	2020-07-29 11:44 (29)	2.91		1.7 - 7.9
		Day 57	2020-08-24 11:58 (27)	3.20		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-15 14:02 (-16)	60.2		34 - 71
		Day 29	2020-07-29 11:44 (29)	53.2		34 - 71
		Day 57	2020-08-24 11:58 (27)	58.5		34 - 71
	Platelets (10^9/L)	Screening	2020-06-15 14:02 (-16)	348		163 - 375
		Day 29	2020-07-29 11:44 (29)	321		163 - 375
		Day 57	2020-08-24 11:58 (27)	337		163 - 375
US2061057	Basophils (10^9/L)	Screening	2020-06-18 14:10 (-13)	0.04		0 - 0.3
		Day 29	2020-07-29 11:44 (29)	0.05		0 - 0.3
		Day 57	2020-08-24 09:49 (27)	0.06		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061057	Basophils/Leukocytes (%)	Screening	2020-06-18 14:10 (-13)	0.6		0 - 3
		Day 29	2020-07-29 11:44 (29)	0.8		0 - 3
		Day 57	2020-08-24 09:49 (27)	0.9		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-18 14:10 (-13)	0.29		0 - 0.8
		Day 29	2020-07-29 11:44 (29)	0.15		0 - 0.8
		Day 57	2020-08-24 09:49 (27)	0.24		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-18 14:10 (-13)	4.2		0 - 7
		Day 29	2020-07-29 11:44 (29)	2.3		0 - 7
		Day 57	2020-08-24 09:49 (27)	3.8		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-18 14:10 (-13)	4.66		3.7 - 5.2
		Day 29	2020-07-29 11:44 (29)	4.54		3.7 - 5.2
		Day 57	2020-08-24 09:49 (27)	4.39		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061057	Hematocrit (L/L)	Screening	2020-06-18 14:10 (-13)	0.449		0.33 - 0.47
		Day 29	2020-07-29 11:44 (29)	0.428		0.33 - 0.47
		Day 57	2020-08-24 09:49 (27)	0.411		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-18 14:10 (-13)	139		110 - 155
		Day 29	2020-07-29 11:44 (29)	134	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-24 09:49 (27)	131	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-18 14:10 (-13)	<0.03		0 - 0.07
		Day 29	2020-07-29 11:44 (29)	0.03		0 - 0.07
		Day 57	2020-08-24 09:49 (27)	0.04		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-18 14:10 (-13)	0.3		0 - 1
		Day 29	2020-07-29 11:44 (29)	0.5		0 - 1
		Day 57	2020-08-24 09:49 (27)	0.6		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061057	Leukocytes (10^9/L)	Screening	2020-06-18 14:10 (-13)	6.88		3.7 - 11
		Day 29	2020-07-29 11:44 (29)	6.63		3.7 - 11
		Day 57	2020-08-24 09:49 (27)	6.37		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-18 14:10 (-13)	1.28		0.9 - 3.6
		Day 29	2020-07-29 11:44 (29)	0.97	G1 Lymphocytes Decreased	0.9 - 3.6
		Day 57	2020-08-24 09:49 (27)	1.14		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-18 14:10 (-13)	18.6		12 - 46
		Day 29	2020-07-29 11:44 (29)	14.6		12 - 46
		Day 57	2020-08-24 09:49 (27)	17.9		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-18 14:10 (-13)	0.60		0 - 1.2
		Day 29	2020-07-29 11:44 (29)	0.52		0 - 1.2
		Day 57	2020-08-24 09:49 (27)	0.68		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061057	Monocytes/Leukocytes (%)	Screening	2020-06-18 14:10 (-13)	8.7		0 - 11
		Day 29	2020-07-29 11:44 (29)	7.8		0 - 11
		Day 57	2020-08-24 09:49 (27)	10.7		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-18 14:10 (-13)	4.65		1.7 - 7.9
		Day 29	2020-07-29 11:44 (29)	4.91		1.7 - 7.9
		Day 57	2020-08-24 09:49 (27)	4.21		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-18 14:10 (-13)	67.6		34 - 71
		Day 29	2020-07-29 11:44 (29)	74.0 (H)		34 - 71
		Day 57	2020-08-24 09:49 (27)	66.1		34 - 71
	Platelets (10^9/L)	Screening	2020-06-18 14:10 (-13)	318		163 - 375
		Day 29	2020-07-29 11:44 (29)	302		163 - 375
		Day 57	2020-08-24 09:49 (27)	301		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061064	Basophils (10^9/L)	Screening	2020-06-22 14:23 (-8)	0.05		0 - 0.3
		Day 29	2020-07-28 14:05 (29)	0.05		0 - 0.3
		Day 57	2020-08-24 13:18 (28)	0.05		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-22 14:23 (-8)	0.7		0 - 3
		Day 29	2020-07-28 14:05 (29)	0.6		0 - 3
		Day 57	2020-08-24 13:18 (28)	0.7		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-22 14:23 (-8)	0.18		0 - 0.8
		Day 29	2020-07-28 14:05 (29)	0.18		0 - 0.8
		Day 57	2020-08-24 13:18 (28)	0.17		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-22 14:23 (-8)	2.5		0 - 7
		Day 29	2020-07-28 14:05 (29)	2.3		0 - 7
		Day 57	2020-08-24 13:18 (28)	2.5		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061064	Erythrocytes (10^12/L)	Screening	2020-06-22 14:23 (-8)	4.79		3.7 - 5.2
		Day 29	2020-07-28 14:05 (29)	4.95		3.7 - 5.2
		Day 57	2020-08-24 13:18 (28)	4.73		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-22 14:23 (-8)	0.448		0.33 - 0.47
		Day 29	2020-07-28 14:05 (29)	0.478 (H)		0.33 - 0.47
		Day 57	2020-08-24 13:18 (28)	0.443		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-22 14:23 (-8)	141		110 - 155
		Day 29	2020-07-28 14:05 (29)	145		110 - 155
		Day 57	2020-08-24 13:18 (28)	141		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-22 14:23 (-8)	0.03		0 - 0.07
		Day 29	2020-07-28 14:05 (29)	<0.03		0 - 0.07
		Day 57	2020-08-24 13:18 (28)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061064	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-22 14:23 (-8)	0.4		0 - 1
		Day 29	2020-07-28 14:05 (29)	0.3		0 - 1
		Day 57	2020-08-24 13:18 (28)	0.1		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-22 14:23 (-8)	7.33		3.7 - 11
		Day 29	2020-07-28 14:05 (29)	7.98		3.7 - 11
		Day 57	2020-08-24 13:18 (28)	6.70		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-22 14:23 (-8)	2.26		0.9 - 3.6
		Day 29	2020-07-28 14:05 (29)	2.16		0.9 - 3.6
		Day 57	2020-08-24 13:18 (28)	2.07		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-22 14:23 (-8)	30.8		12 - 46
		Day 29	2020-07-28 14:05 (29)	27.1		12 - 46
		Day 57	2020-08-24 13:18 (28)	30.9		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061064	Monocytes (10^9/L)	Screening	2020-06-22 14:23 (-8)	0.35		0 - 1.2
		Day 29	2020-07-28 14:05 (29)	0.45		0 - 1.2
		Day 57	2020-08-24 13:18 (28)	0.33		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-22 14:23 (-8)	4.8		0 - 11
		Day 29	2020-07-28 14:05 (29)	5.6		0 - 11
		Day 57	2020-08-24 13:18 (28)	4.9		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-22 14:23 (-8)	4.46		1.7 - 7.9
		Day 29	2020-07-28 14:05 (29)	5.12		1.7 - 7.9
		Day 57	2020-08-24 13:18 (28)	4.07		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-22 14:23 (-8)	60.8		34 - 71
		Day 29	2020-07-28 14:05 (29)	64.1		34 - 71
		Day 57	2020-08-24 13:18 (28)	60.9		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061064	Platelets (10^9/L)	Screening	2020-06-22 14:23 (-8)	274		163 - 375
		Day 29	2020-07-28 14:05 (29)	268		163 - 375
		Day 57	2020-08-24 13:18 (28)	267		163 - 375
US2061068	Basophils (10^9/L)	Screening	2020-06-24 10:43 (-6)	0.04		0 - 0.3
		Unscheduled	2020-06-26 14:08 (-4)	0.04		0 - 0.3
		Day 29	2020-07-31 08:35 (32)	0.04		0 - 0.3
		Day 57	2020-09-02 08:13 (34)	0.07		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-24 10:43 (-6)	1.2		0 - 3
		Unscheduled	2020-06-26 14:08 (-4)	0.7		0 - 3
		Day 29	2020-07-31 08:35 (32)	1.2		0 - 3
		Day 57	2020-09-02 08:13 (34)	1.8		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-24 10:43 (-6)	0.06		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061068	Eosinophils (10^9/L)	Unscheduled	2020-06-26 14:08 (-4)	0.03		0 - 0.8
		Day 29	2020-07-31 08:35 (32)	0.09		0 - 0.8
		Day 57	2020-09-02 08:13 (34)	0.12		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-24 10:43 (-6)	1.7		0 - 7
		Unscheduled	2020-06-26 14:08 (-4)	0.5		0 - 7
		Day 29	2020-07-31 08:35 (32)	2.6		0 - 7
		Day 57	2020-09-02 08:13 (34)	3.0		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-24 10:43 (-6)	4.78		3.7 - 5.2
		Unscheduled	2020-06-26 14:08 (-4)	4.31		3.7 - 5.2
		Day 29	2020-07-31 08:35 (32)	4.48		3.7 - 5.2
		Day 57	2020-09-02 08:13 (34)	4.65		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-24 10:43 (-6)	0.482 (H)		0.33 - 0.47

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061068	Hematocrit (L/L)	Unscheduled	2020-06-26 14:08 (-4)	0.436		0.33 - 0.47
		Day 29	2020-07-31 08:35 (32)	0.449		0.33 - 0.47
		Day 57	2020-09-02 08:13 (34)	0.459		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-24 10:43 (-6)	148		110 - 155
		Unscheduled	2020-06-26 14:08 (-4)	132		110 - 155
		Day 29	2020-07-31 08:35 (32)	135		110 - 155
		Day 57	2020-09-02 08:13 (34)	139		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-24 10:43 (-6)	<0.03		0 - 0.07
		Unscheduled	2020-06-26 14:08 (-4)	<0.03		0 - 0.07
		Day 29	2020-07-31 08:35 (32)	<0.03		0 - 0.07
		Day 57	2020-09-02 08:13 (34)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-24 10:43 (-6)	0.0		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061068	Immature Granulocytes/Leukocytes (%)	Unscheduled	2020-06-26 14:08 (-4)	0.2		0 - 1
		Day 29	2020-07-31 08:35 (32)	0.0		0 - 1
		Day 57	2020-09-02 08:13 (34)	0.0		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-24 10:43 (-6)	3.43 (L)	G1 WBC Decreased	3.7 - 11
		Unscheduled	2020-06-26 14:08 (-4)	5.69		3.7 - 11
		Day 29	2020-07-31 08:35 (32)	3.43 (L)	G1 WBC Decreased	3.7 - 11
		Day 57	2020-09-02 08:13 (34)	3.96		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-24 10:43 (-6)	1.49		0.9 - 3.6
		Unscheduled	2020-06-26 14:08 (-4)	1.64		0.9 - 3.6
		Day 29	2020-07-31 08:35 (32)	1.45		0.9 - 3.6
		Day 57	2020-09-02 08:13 (34)	1.49		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-24 10:43 (-6)	43.4		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061068	Lymphocytes/Leukocytes (%)	Unscheduled	2020-06-26 14:08 (-4)	28.8		12 - 46
		Day 29	2020-07-31 08:35 (32)	42.3		12 - 46
		Day 57	2020-09-02 08:13 (34)	37.6		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-24 10:43 (-6)	0.28		0 - 1.2
		Unscheduled	2020-06-26 14:08 (-4)	0.36		0 - 1.2
		Day 29	2020-07-31 08:35 (32)	0.28		0 - 1.2
		Day 57	2020-09-02 08:13 (34)	0.27		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-24 10:43 (-6)	8.2		0 - 11
		Unscheduled	2020-06-26 14:08 (-4)	6.3		0 - 11
		Day 29	2020-07-31 08:35 (32)	8.2		0 - 11
		Day 57	2020-09-02 08:13 (34)	6.8		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-24 10:43 (-6)	1.56 (L)	G1 Neutrophils Decreased	1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061068	Neutrophils (10^9/L)	Unscheduled	2020-06-26 14:08 (-4)	3.61		1.7 - 7.9
		Day 29	2020-07-31 08:35 (32)	1.57 (L)	G1 Neutrophils Decreased	1.7 - 7.9
		Day 57	2020-09-02 08:13 (34)	2.01		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-24 10:43 (-6)	45.5		34 - 71
		Unscheduled	2020-06-26 14:08 (-4)	63.5		34 - 71
		Day 29	2020-07-31 08:35 (32)	45.7		34 - 71
		Day 57	2020-09-02 08:13 (34)	50.8		34 - 71
	Platelets (10^9/L)	Screening	2020-06-24 10:43 (-6)	237		163 - 375
		Unscheduled	2020-06-26 14:08 (-4)	202		163 - 375
		Day 29	2020-07-31 08:35 (32)	209		163 - 375
		Day 57	2020-09-02 08:13 (34)	214		163 - 375
US2071007	Basophils (10^9/L)	Screening	2020-05-25 13:02 (-8)	0.05		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071007	Basophils (10^9/L)	Day 29	2020-07-07 10:16 (36)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-25 13:02 (-8)	0.8		0 - 3
		Day 29	2020-07-07 10:16 (36)	0.5		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-25 13:02 (-8)	0.09		0 - 0.8
		Day 29	2020-07-07 10:16 (36)	0.07		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-25 13:02 (-8)	1.4		0 - 7
		Day 29	2020-07-07 10:16 (36)	1.3		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-25 13:02 (-8)	4.69		3.7 - 5.2
		Day 29	2020-07-07 10:16 (36)	4.49		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-25 13:02 (-8)	0.490 (H)		0.33 - 0.47
		Day 29	2020-07-07 10:16 (36)	0.460		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-25 13:02 (-8)	144		110 - 155

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071007	Hemoglobin (g/L)	Day 29	2020-07-07 10:16 (36)	138	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-25 13:02 (-8)	0.03		0 - 0.07
		Day 29	2020-07-07 10:16 (36)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-25 13:02 (-8)	0.5		0 - 1
		Day 29	2020-07-07 10:16 (36)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-25 13:02 (-8)	6.23		3.7 - 11
		Day 29	2020-07-07 10:16 (36)	5.50		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-25 13:02 (-8)	2.08		0.9 - 3.6
		Day 29	2020-07-07 10:16 (36)	1.46		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-25 13:02 (-8)	33.4		12 - 46
		Day 29	2020-07-07 10:16 (36)	26.5		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-25 13:02 (-8)	0.39		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071007	Monocytes (10^9/L)	Day 29	2020-07-07 10:16 (36)	0.40		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-25 13:02 (-8)	6.3		0 - 11
		Day 29	2020-07-07 10:16 (36)	7.3		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-25 13:02 (-8)	3.59		1.7 - 7.9
		Day 29	2020-07-07 10:16 (36)	3.53		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-25 13:02 (-8)	57.6		34 - 71
		Day 29	2020-07-07 10:16 (36)	64.2		34 - 71
	Platelets (10^9/L)	Screening	2020-05-25 13:02 (-8)	216		163 - 375
		Day 29	2020-07-07 10:16 (36)	203		163 - 375
US2071024	Basophils (10^9/L)	Screening	2020-05-26 11:03 (-8)	<0.03		0 - 0.3
		Day 29	2020-07-06 09:34 (34)	0.05		0 - 0.3
		Day 57	2020-08-03 09:18 (29)	0.05		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071024	Basophils/Leukocytes (%)	Screening	2020-05-26 11:03 (-8)	0.4		0 - 3
		Day 29	2020-07-06 09:34 (34)	0.9		0 - 3
		Day 57	2020-08-03 09:18 (29)	0.5		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-26 11:03 (-8)	0.17		0 - 0.8
		Day 29	2020-07-06 09:34 (34)	0.48		0 - 0.8
		Day 57	2020-08-03 09:18 (29)	0.22		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-26 11:03 (-8)	3.1		0 - 7
		Day 29	2020-07-06 09:34 (34)	8.4 (H)		0 - 7
		Day 57	2020-08-03 09:18 (29)	2.4		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-26 11:03 (-8)	4.84		3.7 - 5.2
		Day 29	2020-07-06 09:34 (34)	4.26		3.7 - 5.2
		Day 57	2020-08-03 09:18 (29)	4.32		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071024	Hematocrit (L/L)	Screening	2020-05-26 11:03 (-8)	0.458		0.33 - 0.47
		Day 29	2020-07-06 09:34 (34)	0.416		0.33 - 0.47
		Day 57	2020-08-03 09:18 (29)	0.427		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-26 11:03 (-8)	147		110 - 155
		Day 29	2020-07-06 09:34 (34)	131	G2 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-03 09:18 (29)	131	G2 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-26 11:03 (-8)	<0.03		0 - 0.07
		Day 29	2020-07-06 09:34 (34)	<0.03		0 - 0.07
		Day 57	2020-08-03 09:18 (29)	0.05		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-26 11:03 (-8)	0.2		0 - 1
		Day 29	2020-07-06 09:34 (34)	0.4		0 - 1
		Day 57	2020-08-03 09:18 (29)	0.5		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071024	Leukocytes (10^9/L)	Screening	2020-05-26 11:03 (-8)	5.44		3.7 - 11
		Day 29	2020-07-06 09:34 (34)	5.70		3.7 - 11
		Day 57	2020-08-03 09:18 (29)	9.19		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-26 11:03 (-8)	1.42		0.9 - 3.6
		Day 29	2020-07-06 09:34 (34)	1.43		0.9 - 3.6
		Day 57	2020-08-03 09:18 (29)	1.33		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-26 11:03 (-8)	26.1		12 - 46
		Day 29	2020-07-06 09:34 (34)	25.1		12 - 46
		Day 57	2020-08-03 09:18 (29)	14.5		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-26 11:03 (-8)	0.50		0 - 1.2
		Day 29	2020-07-06 09:34 (34)	0.66		0 - 1.2
		Day 57	2020-08-03 09:18 (29)	0.76		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071024	Monocytes/Leukocytes (%)	Screening	2020-05-26 11:03 (-8)	9.2		0 - 11
		Day 29	2020-07-06 09:34 (34)	11.6 (H)		0 - 11
		Day 57	2020-08-03 09:18 (29)	8.3		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-26 11:03 (-8)	3.32		1.7 - 7.9
		Day 29	2020-07-06 09:34 (34)	3.06		1.7 - 7.9
		Day 57	2020-08-03 09:18 (29)	6.78		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-26 11:03 (-8)	61.0		34 - 71
		Day 29	2020-07-06 09:34 (34)	53.6		34 - 71
		Day 57	2020-08-03 09:18 (29)	73.8 (H)		34 - 71
	Platelets (10^9/L)	Screening	2020-05-26 11:03 (-8)	266		163 - 375
		Day 29	2020-07-06 09:34 (34)	233		163 - 375
		Day 57	2020-08-03 09:18 (29)	227		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071025	Basophils (10^9/L)	Screening	2020-05-26 11:19 (-8)	0.03		0 - 0.3
		Day 29	2020-07-08 10:30 (36)	0.05		0 - 0.3
		Day 57	2020-08-05 10:30 (29)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-26 11:19 (-8)	0.6		0 - 3
		Day 29	2020-07-08 10:30 (36)	0.6		0 - 3
		Day 57	2020-08-05 10:30 (29)	0.6		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-26 11:19 (-8)	0.03		0 - 0.8
		Day 29	2020-07-08 10:30 (36)	0.07		0 - 0.8
		Day 57	2020-08-05 10:30 (29)	0.07		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-26 11:19 (-8)	0.6		0 - 7
		Day 29	2020-07-08 10:30 (36)	0.9		0 - 7
		Day 57	2020-08-05 10:30 (29)	1.1		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071025	Erythrocytes (10^12/L)	Screening	2020-05-26 11:19 (-8)	4.50		3.7 - 5.2
		Day 29	2020-07-08 10:30 (36)	4.28		3.7 - 5.2
		Day 57	2020-08-05 10:30 (29)	4.29		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-26 11:19 (-8)	0.443		0.33 - 0.47
		Day 29	2020-07-08 10:30 (36)	0.471 (H)		0.33 - 0.47
		Day 57	2020-08-05 10:30 (29)	0.466		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-26 11:19 (-8)	143		110 - 155
		Day 29	2020-07-08 10:30 (36)	144		110 - 155
		Day 57	2020-08-05 10:30 (29)	145		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-26 11:19 (-8)	<0.03		0 - 0.07
		Day 29	2020-07-08 10:30 (36)	<0.03		0 - 0.07
		Day 57	2020-08-05 10:30 (29)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071025	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-26 11:19 (-8)	0.2		0 - 1
		Day 29	2020-07-08 10:30 (36)	0.1		0 - 1
		Day 57	2020-08-05 10:30 (29)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-26 11:19 (-8)	4.78		3.7 - 11
		Day 29	2020-07-08 10:30 (36)	7.84		3.7 - 11
		Day 57	2020-08-05 10:30 (29)	6.50		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-26 11:19 (-8)	1.42		0.9 - 3.6
		Day 29	2020-07-08 10:30 (36)	1.54		0.9 - 3.6
		Day 57	2020-08-05 10:30 (29)	1.58		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-26 11:19 (-8)	29.7		12 - 46
		Day 29	2020-07-08 10:30 (36)	19.6		12 - 46
		Day 57	2020-08-05 10:30 (29)	24.3		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071025	Monocytes (10^9/L)	Screening	2020-05-26 11:19 (-8)	0.33		0 - 1.2
		Day 29	2020-07-08 10:30 (36)	0.39		0 - 1.2
		Day 57	2020-08-05 10:30 (29)	0.40		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-26 11:19 (-8)	6.9		0 - 11
		Day 29	2020-07-08 10:30 (36)	5.0		0 - 11
		Day 57	2020-08-05 10:30 (29)	6.2		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-26 11:19 (-8)	2.96		1.7 - 7.9
		Day 29	2020-07-08 10:30 (36)	5.78		1.7 - 7.9
		Day 57	2020-08-05 10:30 (29)	4.40		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-26 11:19 (-8)	62.0		34 - 71
		Day 29	2020-07-08 10:30 (36)	73.8 (H)		34 - 71
		Day 57	2020-08-05 10:30 (29)	67.6		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071025	Platelets (10^9/L)	Screening	2020-05-26 11:19 (-8)	360		163 - 375
		Day 29	2020-07-08 10:30 (36)	392 (H)		163 - 375
		Day 57	2020-08-05 10:30 (29)	348		163 - 375
US2071083	Basophils (10^9/L)	Screening	2020-06-15 09:22 (-11)	0.06		0 - 0.3
		Day 29	2020-07-21 09:04 (26)	0.07		0 - 0.3
		Day 57	2020-08-24 08:50 (35)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-15 09:22 (-11)	0.9		0 - 3
		Day 29	2020-07-21 09:04 (26)	1.0		0 - 3
		Day 57	2020-08-24 08:50 (35)	0.7		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-15 09:22 (-11)	0.22		0 - 0.8
		Day 29	2020-07-21 09:04 (26)	0.24		0 - 0.8
		Day 57	2020-08-24 08:50 (35)	0.24		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071083	Eosinophils/Leukocytes (%)	Screening	2020-06-15 09:22 (-11)	3.4		0 - 7
		Day 29	2020-07-21 09:04 (26)	3.3		0 - 7
		Day 57	2020-08-24 08:50 (35)	4.5		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-15 09:22 (-11)	4.66		3.7 - 5.2
		Day 29	2020-07-21 09:04 (26)	4.40		3.7 - 5.2
		Day 57	2020-08-24 08:50 (35)	4.25		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-15 09:22 (-11)	0.487 (H)		0.33 - 0.47
		Day 29	2020-07-21 09:04 (26)	0.468		0.33 - 0.47
		Day 57	2020-08-24 08:50 (35)	0.462		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-15 09:22 (-11)	148		110 - 155
		Day 29	2020-07-21 09:04 (26)	142	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-24 08:50 (35)	136	G1 Hemoglobin Decreased	110 - 155

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071083	Immature Granulocytes (10^9/L)	Screening	2020-06-15 09:22 (-11)	<0.03		0 - 0.07
		Day 29	2020-07-21 09:04 (26)	<0.03		0 - 0.07
		Day 57	2020-08-24 08:50 (35)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-15 09:22 (-11)	0.3		0 - 1
		Day 29	2020-07-21 09:04 (26)	0.3		0 - 1
		Day 57	2020-08-24 08:50 (35)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-15 09:22 (-11)	6.40		3.7 - 11
		Day 29	2020-07-21 09:04 (26)	7.28		3.7 - 11
		Day 57	2020-08-24 08:50 (35)	5.39		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-15 09:22 (-11)	2.20		0.9 - 3.6
		Day 29	2020-07-21 09:04 (26)	2.03		0.9 - 3.6
		Day 57	2020-08-24 08:50 (35)	2.24		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071083	Lymphocytes/Leukocytes (%)	Screening	2020-06-15 09:22 (-11)	34.4		12 - 46
		Day 29	2020-07-21 09:04 (26)	27.9		12 - 46
		Day 57	2020-08-24 08:50 (35)	41.6		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-15 09:22 (-11)	0.74		0 - 1.2
		Day 29	2020-07-21 09:04 (26)	0.69		0 - 1.2
		Day 57	2020-08-24 08:50 (35)	0.49		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-15 09:22 (-11)	11.6 (H)		0 - 11
		Day 29	2020-07-21 09:04 (26)	9.5		0 - 11
		Day 57	2020-08-24 08:50 (35)	9.1		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-15 09:22 (-11)	3.16		1.7 - 7.9
		Day 29	2020-07-21 09:04 (26)	4.23		1.7 - 7.9
		Day 57	2020-08-24 08:50 (35)	2.37		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071083	Neutrophils/Leukocytes (%)	Screening	2020-06-15 09:22 (-11)	49.4		34 - 71
		Day 29	2020-07-21 09:04 (26)	58.0		34 - 71
		Day 57	2020-08-24 08:50 (35)	43.9		34 - 71
	Platelets (10^9/L)	Screening	2020-06-15 09:22 (-11)	218		163 - 375
		Day 29	2020-07-21 09:04 (26)	215		163 - 375
		Day 57	2020-08-24 08:50 (35)	200		163 - 375
US2071090	Basophils (10^9/L)	Screening	2020-06-18 17:31 (-11)	0.04		0 - 0.3
		Day 29	2020-07-29 14:23 (31)	0.04		0 - 0.3
		Day 57	2020-08-25 16:10 (28)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-18 17:31 (-11)	0.8		0 - 3
		Day 29	2020-07-29 14:23 (31)	0.6		0 - 3
		Day 57	2020-08-25 16:10 (28)	0.7		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071090	Eosinophils (10^9/L)	Screening	2020-06-18 17:31 (-11)	0.14		0 - 0.8
		Day 29	2020-07-29 14:23 (31)	0.15		0 - 0.8
		Day 57	2020-08-25 16:10 (28)	0.16		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-18 17:31 (-11)	2.7		0 - 7
		Day 29	2020-07-29 14:23 (31)	2.4		0 - 7
		Day 57	2020-08-25 16:10 (28)	2.8		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-18 17:31 (-11)	4.96		3.7 - 5.2
		Day 29	2020-07-29 14:23 (31)	5.14		3.7 - 5.2
		Day 57	2020-08-25 16:10 (28)	4.83		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-18 17:31 (-11)	0.487 (H)		0.33 - 0.47
		Day 29	2020-07-29 14:23 (31)	0.512 (H)		0.33 - 0.47
		Day 57	2020-08-25 16:10 (28)	0.478 (H)		0.33 - 0.47

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071090	Hemoglobin (g/L)	Screening	2020-06-18 17:31 (-11)	148		110 - 155
		Day 29	2020-07-29 14:23 (31)	154		110 - 155
		Day 57	2020-08-25 16:10 (28)	145	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-18 17:31 (-11)	<0.03		0 - 0.07
		Day 29	2020-07-29 14:23 (31)	<0.03		0 - 0.07
		Day 57	2020-08-25 16:10 (28)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-18 17:31 (-11)	0.4		0 - 1
		Day 29	2020-07-29 14:23 (31)	0.2		0 - 1
		Day 57	2020-08-25 16:10 (28)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-18 17:31 (-11)	5.23		3.7 - 11
		Day 29	2020-07-29 14:23 (31)	6.22		3.7 - 11
		Day 57	2020-08-25 16:10 (28)	5.74		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071090	Lymphocytes (10^9/L)	Screening	2020-06-18 17:31 (-11)	1.48		0.9 - 3.6
		Day 29	2020-07-29 14:23 (31)	1.68		0.9 - 3.6
		Day 57	2020-08-25 16:10 (28)	1.78		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-18 17:31 (-11)	28.3		12 - 46
		Day 29	2020-07-29 14:23 (31)	27.0		12 - 46
		Day 57	2020-08-25 16:10 (28)	31.0		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-18 17:31 (-11)	0.54		0 - 1.2
		Day 29	2020-07-29 14:23 (31)	0.52		0 - 1.2
		Day 57	2020-08-25 16:10 (28)	0.46		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-18 17:31 (-11)	10.3		0 - 11
		Day 29	2020-07-29 14:23 (31)	8.4		0 - 11
		Day 57	2020-08-25 16:10 (28)	8.0		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071090	Neutrophils (10^9/L)	Screening	2020-06-18 17:31 (-11)	3.01		1.7 - 7.9
		Day 29	2020-07-29 14:23 (31)	3.82		1.7 - 7.9
		Day 57	2020-08-25 16:10 (28)	3.28		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-18 17:31 (-11)	57.5		34 - 71
		Day 29	2020-07-29 14:23 (31)	61.4		34 - 71
		Day 57	2020-08-25 16:10 (28)	57.2		34 - 71
	Platelets (10^9/L)	Screening	2020-06-18 17:31 (-11)	209		163 - 375
		Day 29	2020-07-29 14:23 (31)	229		163 - 375
		Day 57	2020-08-25 16:10 (28)	183		163 - 375
US2071099	Basophils (10^9/L)	Screening	2020-06-24 15:16 (-13)	0.07		0 - 0.3
		Day 29	2020-08-04 14:22 (29)	0.07		0 - 0.3
		Day 57	2020-09-03 14:20 (31)	0.09		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071099	Basophils/Leukocytes (%)	Screening	2020-06-24 15:16 (-13)	0.7		0 - 3
		Day 29	2020-08-04 14:22 (29)	0.8		0 - 3
		Day 57	2020-09-03 14:20 (31)	1.0		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-24 15:16 (-13)	0.42		0 - 0.8
		Day 29	2020-08-04 14:22 (29)	0.66	G1 Eosinophils Increased	0 - 0.8
		Day 57	2020-09-03 14:20 (31)	0.73	G1 Eosinophils Increased	0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-24 15:16 (-13)	4.3		0 - 7
		Day 29	2020-08-04 14:22 (29)	7.6 (H)		0 - 7
		Day 57	2020-09-03 14:20 (31)	8.0 (H)		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-24 15:16 (-13)	4.83		4.63 - 6.08
		Day 29	2020-08-04 14:22 (29)	4.43 (L)		4.63 - 6.08
		Day 57	2020-09-03 14:20 (31)	4.42 (L)		4.63 - 6.08

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071099	Hematocrit (L/L)	Screening	2020-06-24 15:16 (-13)	0.508		0.37 - 0.51
		Day 29	2020-08-04 14:22 (29)	0.485		0.37 - 0.51
		Day 57	2020-09-03 14:20 (31)	0.477		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-24 15:16 (-13)	160		125 - 170
		Day 29	2020-08-04 14:22 (29)	149	G1 Hemoglobin Decreased	125 - 170
		Day 57	2020-09-03 14:20 (31)	150	G1 Hemoglobin Decreased	125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-24 15:16 (-13)	0.05		0 - 0.07
		Day 29	2020-08-04 14:22 (29)	0.05		0 - 0.07
		Day 57	2020-09-03 14:20 (31)	0.05		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-24 15:16 (-13)	0.5		0 - 1
		Day 29	2020-08-04 14:22 (29)	0.6		0 - 1
		Day 57	2020-09-03 14:20 (31)	0.5		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071099	Leukocytes (10^9/L)	Screening	2020-06-24 15:16 (-13)	9.74		3.7 - 11
		Day 29	2020-08-04 14:22 (29)	8.70		3.7 - 11
		Day 57	2020-09-03 14:20 (31)	9.14		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-24 15:16 (-13)	1.84		0.9 - 3.6
		Day 29	2020-08-04 14:22 (29)	2.17		0.9 - 3.6
		Day 57	2020-09-03 14:20 (31)	2.50		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-24 15:16 (-13)	18.9		12 - 46
		Day 29	2020-08-04 14:22 (29)	24.9		12 - 46
		Day 57	2020-09-03 14:20 (31)	27.4		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-24 15:16 (-13)	1.10		0 - 1.2
		Day 29	2020-08-04 14:22 (29)	1.02		0 - 1.2
		Day 57	2020-09-03 14:20 (31)	1.11		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071099	Monocytes/Leukocytes (%)	Screening	2020-06-24 15:16 (-13)	11.3 (H)		0 - 11
		Day 29	2020-08-04 14:22 (29)	11.7 (H)		0 - 11
		Day 57	2020-09-03 14:20 (31)	12.1 (H)		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-24 15:16 (-13)	6.26		1.7 - 7.9
		Day 29	2020-08-04 14:22 (29)	4.73		1.7 - 7.9
		Day 57	2020-09-03 14:20 (31)	4.66		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-24 15:16 (-13)	64.3		34 - 71
		Day 29	2020-08-04 14:22 (29)	54.4		34 - 71
		Day 57	2020-09-03 14:20 (31)	51.0		34 - 71
	Platelets (10^9/L)	Screening	2020-06-24 15:16 (-13)	222		163 - 375
		Day 29	2020-08-04 14:22 (29)	190		163 - 375
		Day 57	2020-09-03 14:20 (31)	190		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071101	Basophils (10^9/L)	Screening	2020-06-25 14:05 (-4)	0.06		0 - 0.3
		Day 29	2020-08-03 13:45 (36)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-25 14:05 (-4)	0.8		0 - 3
		Day 29	2020-08-03 13:45 (36)	0.4		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-25 14:05 (-4)	<0.03		0 - 0.8
		Day 29	2020-08-03 13:45 (36)	<0.03		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-25 14:05 (-4)	0.0		0 - 7
		Day 29	2020-08-03 13:45 (36)	0.0		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-25 14:05 (-4)	4.39		3.7 - 5.2
		Day 29	2020-08-03 13:45 (36)	4.29		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-25 14:05 (-4)	0.390		0.33 - 0.47
		Day 29	2020-08-03 13:45 (36)	0.389		0.33 - 0.47

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071101	Hemoglobin (g/L)	Screening	2020-06-25 14:05 (-4)	117	G1 Hemoglobin Decreased	110 - 155
		Day 29	2020-08-03 13:45 (36)	117	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-25 14:05 (-4)	0.04		0 - 0.07
		Day 29	2020-08-03 13:45 (36)	0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-25 14:05 (-4)	0.6		0 - 1
		Day 29	2020-08-03 13:45 (36)	0.4		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-25 14:05 (-4)	7.27		3.7 - 11
		Day 29	2020-08-03 13:45 (36)	7.66		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-25 14:05 (-4)	1.26		0.9 - 3.6
		Day 29	2020-08-03 13:45 (36)	1.49		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-25 14:05 (-4)	17.3		12 - 46
		Day 29	2020-08-03 13:45 (36)	19.5		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071101	Monocytes (10^9/L)	Screening	2020-06-25 14:05 (-4)	0.68		0 - 1.2
		Day 29	2020-08-03 13:45 (36)	0.67		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-25 14:05 (-4)	9.4		0 - 11
		Day 29	2020-08-03 13:45 (36)	8.7		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-25 14:05 (-4)	5.23		1.7 - 7.9
		Day 29	2020-08-03 13:45 (36)	5.44		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-25 14:05 (-4)	71.9 (H)		34 - 71
		Day 29	2020-08-03 13:45 (36)	71.0		34 - 71
	Platelets (10^9/L)	Screening	2020-06-25 14:05 (-4)	346		163 - 375
	Platelets, Estimated	Day 29	2020-08-03 13:45 (36)	DECREASED		
US2071104	Basophils (10^9/L)	Screening	2020-06-26 15:32 (-10)	0.04		0 - 0.3
		Day 57	2020-09-04 09:56 (26)	0.03		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071104	Basophils/Leukocytes (%)	Screening	2020-06-26 15:32 (-10)	0.6		0 - 3
		Day 57	2020-09-04 09:56 (26)	0.5		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-26 15:32 (-10)	0.19		0 - 0.8
		Day 57	2020-09-04 09:56 (26)	0.13		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-26 15:32 (-10)	2.7		0 - 7
		Day 57	2020-09-04 09:56 (26)	2.1		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-26 15:32 (-10)	5.03		4.63 - 6.08
		Day 57	2020-09-04 09:56 (26)	4.73		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-26 15:32 (-10)	0.485		0.37 - 0.51
		Day 57	2020-09-04 09:56 (26)	0.457		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-26 15:32 (-10)	143		125 - 170
		Day 57	2020-09-04 09:56 (26)	137	G1 Hemoglobin Decreased	125 - 170

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071104	Immature Granulocytes (10^9/L)	Screening	2020-06-26 15:32 (-10)	<0.03		0 - 0.07
		Day 57	2020-09-04 09:56 (26)	0.04		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-26 15:32 (-10)	0.1		0 - 1
		Day 57	2020-09-04 09:56 (26)	0.7		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-26 15:32 (-10)	6.93		3.7 - 11
		Day 57	2020-09-04 09:56 (26)	6.09		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-26 15:32 (-10)	1.60		0.9 - 3.6
		Day 57	2020-09-04 09:56 (26)	1.19		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-26 15:32 (-10)	23.1		12 - 46
		Day 57	2020-09-04 09:56 (26)	19.5		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-26 15:32 (-10)	0.62		0 - 1.2
		Day 57	2020-09-04 09:56 (26)	0.42		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071104	Monocytes/Leukocytes (%)	Screening	2020-06-26 15:32 (-10)	8.9		0 - 11
		Day 57	2020-09-04 09:56 (26)	6.9		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-26 15:32 (-10)	4.47		1.7 - 7.9
		Day 57	2020-09-04 09:56 (26)	4.28		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-26 15:32 (-10)	64.6		34 - 71
		Day 57	2020-09-04 09:56 (26)	70.3		34 - 71
	Platelets (10^9/L)	Screening	2020-06-26 15:32 (-10)	285		163 - 375
		Day 57	2020-09-04 09:56 (26)	290		163 - 375
US2071106	Basophils (10^9/L)	Screening	2020-07-01 15:55 (-5)	<0.03		0 - 0.3
		Day 57	2020-08-26 10:24 (52)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-07-01 15:55 (-5)	0.3		0 - 3
		Day 57	2020-08-26 10:24 (52)	0.2		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071106	Eosinophils (10^9/L)	Screening	2020-07-01 15:55 (-5)	0.17		0 - 0.8
		Day 57	2020-08-26 10:24 (52)	0.14		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-07-01 15:55 (-5)	2.8		0 - 7
		Day 57	2020-08-26 10:24 (52)	2.5		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-07-01 15:55 (-5)	4.82		4.63 - 6.08
		Day 57	2020-08-26 10:24 (52)	4.74		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-07-01 15:55 (-5)	0.484		0.37 - 0.51
		Day 57	2020-08-26 10:24 (52)	0.498		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-07-01 15:55 (-5)	159		125 - 170
		Day 57	2020-08-26 10:24 (52)	157	G1 Hemoglobin Decreased	125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-07-01 15:55 (-5)	<0.03		0 - 0.07
		Day 57	2020-08-26 10:24 (52)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071106	Immature Granulocytes/Leukocytes (%)	Screening	2020-07-01 15:55 (-5)	0.3		0 - 1
		Day 57	2020-08-26 10:24 (52)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-07-01 15:55 (-5)	6.00		3.7 - 11
		Day 57	2020-08-26 10:24 (52)	5.59		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-07-01 15:55 (-5)	1.51		0.9 - 3.6
		Day 57	2020-08-26 10:24 (52)	1.26		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-07-01 15:55 (-5)	25.2		12 - 46
		Day 57	2020-08-26 10:24 (52)	22.5		12 - 46
	Monocytes (10^9/L)	Screening	2020-07-01 15:55 (-5)	0.52		0 - 1.2
		Day 57	2020-08-26 10:24 (52)	0.42		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-07-01 15:55 (-5)	8.7		0 - 11
		Day 57	2020-08-26 10:24 (52)	7.5		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071106	Neutrophils (10^9/L)	Screening	2020-07-01 15:55 (-5)	3.76		1.7 - 7.9
		Day 57	2020-08-26 10:24 (52)	3.75		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-07-01 15:55 (-5)	62.7		34 - 71
		Day 57	2020-08-26 10:24 (52)	67.1		34 - 71
	Platelets (10^9/L)	Screening	2020-07-01 15:55 (-5)	141 (L)		163 - 375
		Day 57	2020-08-26 10:24 (52)	158 (L)		163 - 375
US2081003	Basophils (10^9/L)	Screening	2020-05-26 11:35 (-3)	0.04		0 - 0.3
		Day 29	2020-06-29 09:10 (32)	0.06		0 - 0.3
		Day 57	2020-07-27 10:05 (29)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-26 11:35 (-3)	0.7		0 - 3
		Day 29	2020-06-29 09:10 (32)	0.9		0 - 3
		Day 57	2020-07-27 10:05 (29)	0.7		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081003	Eosinophils (10^9/L)	Screening	2020-05-26 11:35 (-3)	0.09		0 - 0.8
		Day 29	2020-06-29 09:10 (32)	0.09		0 - 0.8
		Day 57	2020-07-27 10:05 (29)	0.10		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-26 11:35 (-3)	1.6		0 - 7
		Day 29	2020-06-29 09:10 (32)	1.3		0 - 7
		Day 57	2020-07-27 10:05 (29)	1.9		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-26 11:35 (-3)	4.59		3.7 - 5.2
		Day 29	2020-06-29 09:10 (32)	4.43		3.7 - 5.2
		Day 57	2020-07-27 10:05 (29)	4.00		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-26 11:35 (-3)	0.474 (H)		0.33 - 0.47
		Day 29	2020-06-29 09:10 (32)	0.484 (H)		0.33 - 0.47
		Day 57	2020-07-27 10:05 (29)	0.421		0.33 - 0.47

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081003	Hemoglobin (g/L)	Screening	2020-05-26 11:35 (-3)	155		110 - 155
		Day 29	2020-06-29 09:10 (32)	148	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-07-27 10:05 (29)	132	G3 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-26 11:35 (-3)	<0.03		0 - 0.07
		Day 29	2020-06-29 09:10 (32)	<0.03		0 - 0.07
		Day 57	2020-07-27 10:05 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-26 11:35 (-3)	0.0		0 - 1
		Day 29	2020-06-29 09:10 (32)	0.1		0 - 1
		Day 57	2020-07-27 10:05 (29)	0.0		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-26 11:35 (-3)	5.68		3.7 - 11
		Day 29	2020-06-29 09:10 (32)	6.77		3.7 - 11
		Day 57	2020-07-27 10:05 (29)	5.35		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081003	Lymphocytes (10^9/L)	Screening	2020-05-26 11:35 (-3)	2.40		0.9 - 3.6
		Day 29	2020-06-29 09:10 (32)	2.03		0.9 - 3.6
		Day 57	2020-07-27 10:05 (29)	2.01		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-26 11:35 (-3)	42.3		12 - 46
		Day 29	2020-06-29 09:10 (32)	30.0		12 - 46
		Day 57	2020-07-27 10:05 (29)	37.6		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-26 11:35 (-3)	0.45		0 - 1.2
		Day 29	2020-06-29 09:10 (32)	0.45		0 - 1.2
		Day 57	2020-07-27 10:05 (29)	0.47		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-26 11:35 (-3)	7.9		0 - 11
		Day 29	2020-06-29 09:10 (32)	6.6		0 - 11
		Day 57	2020-07-27 10:05 (29)	8.8		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081003	Neutrophils (10^9/L)	Screening	2020-05-26 11:35 (-3)	2.70		1.7 - 7.9
		Day 29	2020-06-29 09:10 (32)	4.13		1.7 - 7.9
		Day 57	2020-07-27 10:05 (29)	2.73		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-26 11:35 (-3)	47.5		34 - 71
		Day 29	2020-06-29 09:10 (32)	61.1		34 - 71
		Day 57	2020-07-27 10:05 (29)	51.0		34 - 71
	Platelets (10^9/L)	Screening	2020-05-26 11:35 (-3)	188		163 - 375
		Day 29	2020-06-29 09:10 (32)	210		163 - 375
		Day 57	2020-07-27 10:05 (29)	210		163 - 375
US2081009	Basophils (10^9/L)	Screening	2020-05-27 09:01 (-5)	0.04		0 - 0.3
		Day 29	2020-07-02 13:10 (32)	0.06		0 - 0.3
		Day 57	2020-07-28 13:35 (27)	0.04		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081009	Basophils/Leukocytes (%)	Screening	2020-05-27 09:01 (-5)	1.0		0 - 3
		Day 29	2020-07-02 13:10 (32)	1.2		0 - 3
		Day 57	2020-07-28 13:35 (27)	0.9		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-27 09:01 (-5)	0.22		0 - 0.8
		Day 29	2020-07-02 13:10 (32)	0.35		0 - 0.8
		Day 57	2020-07-28 13:35 (27)	0.25		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-27 09:01 (-5)	5.3		0 - 7
		Day 29	2020-07-02 13:10 (32)	7.3 (H)		0 - 7
		Day 57	2020-07-28 13:35 (27)	5.4		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-27 09:01 (-5)	4.72		3.7 - 5.2
		Day 29	2020-07-02 13:10 (32)	4.64		3.7 - 5.2
		Day 57	2020-07-28 13:35 (27)	4.66		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081009	Hematocrit (L/L)	Screening	2020-05-27 09:01 (-5)	0.464		0.33 - 0.47
		Day 29	2020-07-02 13:10 (32)	0.460		0.33 - 0.47
		Day 57	2020-07-28 13:35 (27)	0.447		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-27 09:01 (-5)	143		110 - 155
		Day 29	2020-07-02 13:10 (32)	142	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-07-28 13:35 (27)	140	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-27 09:01 (-5)	<0.03		0 - 0.07
		Day 29	2020-07-02 13:10 (32)	<0.03		0 - 0.07
		Day 57	2020-07-28 13:35 (27)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-27 09:01 (-5)	0.2		0 - 1
		Day 29	2020-07-02 13:10 (32)	0.2		0 - 1
		Day 57	2020-07-28 13:35 (27)	0.2		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081009	Leukocytes (10^9/L)	Screening	2020-05-27 09:01 (-5)	4.18		3.7 - 11
		Day 29	2020-07-02 13:10 (32)	4.82		3.7 - 11
		Day 57	2020-07-28 13:35 (27)	4.66		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-27 09:01 (-5)	1.67		0.9 - 3.6
		Day 29	2020-07-02 13:10 (32)	1.89		0.9 - 3.6
		Day 57	2020-07-28 13:35 (27)	1.74		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-27 09:01 (-5)	40.0		12 - 46
		Day 29	2020-07-02 13:10 (32)	39.2		12 - 46
		Day 57	2020-07-28 13:35 (27)	37.3		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-27 09:01 (-5)	0.45		0 - 1.2
		Day 29	2020-07-02 13:10 (32)	0.50		0 - 1.2
		Day 57	2020-07-28 13:35 (27)	0.48		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081009	Monocytes/Leukocytes (%)	Screening	2020-05-27 09:01 (-5)	10.8		0 - 11
		Day 29	2020-07-02 13:10 (32)	10.4		0 - 11
		Day 57	2020-07-28 13:35 (27)	10.3		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-27 09:01 (-5)	1.79	G1 Neutrophils Decreased	1.7 - 7.9
		Day 29	2020-07-02 13:10 (32)	2.01		1.7 - 7.9
		Day 57	2020-07-28 13:35 (27)	2.14		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-27 09:01 (-5)	42.7		34 - 71
		Day 29	2020-07-02 13:10 (32)	41.7		34 - 71
		Day 57	2020-07-28 13:35 (27)	45.9		34 - 71
	Platelets (10^9/L)	Screening	2020-05-27 09:01 (-5)	235		163 - 375
		Day 29	2020-07-02 13:10 (32)	232		163 - 375
		Day 57	2020-07-28 13:35 (27)	240		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081020	Basophils (10^9/L)	Screening	2020-05-28 10:50 (-5)	0.05		0 - 0.3
		Day 29	2020-06-29 11:10 (28)	0.05		0 - 0.3
		Day 57	2020-07-28 13:10 (30)	0.05		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-28 10:50 (-5)	0.8		0 - 3
		Day 29	2020-06-29 11:10 (28)	0.8		0 - 3
		Day 57	2020-07-28 13:10 (30)	0.6		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-28 10:50 (-5)	0.16		0 - 0.8
		Day 29	2020-06-29 11:10 (28)	0.17		0 - 0.8
		Day 57	2020-07-28 13:10 (30)	0.19		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-28 10:50 (-5)	2.6		0 - 7
		Day 29	2020-06-29 11:10 (28)	2.7		0 - 7
		Day 57	2020-07-28 13:10 (30)	2.4		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081020	Erythrocytes (10^12/L)	Screening	2020-05-28 10:50 (-5)	4.10		3.7 - 5.2
		Day 29	2020-06-29 11:10 (28)	4.19		3.7 - 5.2
		Day 57	2020-07-28 13:10 (30)	3.90		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-28 10:50 (-5)	0.417		0.33 - 0.47
		Day 29	2020-06-29 11:10 (28)	0.444		0.33 - 0.47
		Day 57	2020-07-28 13:10 (30)	0.390		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-28 10:50 (-5)	129		110 - 155
		Day 29	2020-06-29 11:10 (28)	134		110 - 155
		Day 57	2020-07-28 13:10 (30)	126	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-28 10:50 (-5)	<0.03		0 - 0.07
		Day 29	2020-06-29 11:10 (28)	<0.03		0 - 0.07
		Day 57	2020-07-28 13:10 (30)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081020	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-28 10:50 (-5)	0.2		0 - 1
		Day 29	2020-06-29 11:10 (28)	0.3		0 - 1
		Day 57	2020-07-28 13:10 (30)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-28 10:50 (-5)	6.18		3.7 - 11
		Day 29	2020-06-29 11:10 (28)	6.26		3.7 - 11
		Day 57	2020-07-28 13:10 (30)	8.01		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-28 10:50 (-5)	1.91		0.9 - 3.6
		Day 29	2020-06-29 11:10 (28)	1.99		0.9 - 3.6
		Day 57	2020-07-28 13:10 (30)	2.44		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-28 10:50 (-5)	30.9		12 - 46
		Day 29	2020-06-29 11:10 (28)	31.8		12 - 46
		Day 57	2020-07-28 13:10 (30)	30.5		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081020	Monocytes (10^9/L)	Screening	2020-05-28 10:50 (-5)	0.42		0 - 1.2
		Day 29	2020-06-29 11:10 (28)	0.36		0 - 1.2
		Day 57	2020-07-28 13:10 (30)	0.40		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-28 10:50 (-5)	6.8		0 - 11
		Day 29	2020-06-29 11:10 (28)	5.8		0 - 11
		Day 57	2020-07-28 13:10 (30)	5.0		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-28 10:50 (-5)	3.63		1.7 - 7.9
		Day 29	2020-06-29 11:10 (28)	3.67		1.7 - 7.9
		Day 57	2020-07-28 13:10 (30)	4.91		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-28 10:50 (-5)	58.7		34 - 71
		Day 29	2020-06-29 11:10 (28)	58.6		34 - 71
		Day 57	2020-07-28 13:10 (30)	61.3		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081020	Platelets (10^9/L)	Screening	2020-05-28 10:50 (-5)	179		163 - 375
		Day 29	2020-06-29 11:10 (28)	201		163 - 375
		Day 57	2020-07-28 13:10 (30)	204		163 - 375
US2081070	Basophils (10^9/L)	Screening	2020-06-12 12:33 (-14)	<0.03		0 - 0.3
		Day 29	2020-07-24 13:19 (29)	0.03		0 - 0.3
		Day 57	2020-08-21 14:40 (29)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-12 12:33 (-14)	0.4		0 - 3
		Day 29	2020-07-24 13:19 (29)	0.6		0 - 3
		Day 57	2020-08-21 14:40 (29)	0.4		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-12 12:33 (-14)	0.08		0 - 0.8
		Day 29	2020-07-24 13:19 (29)	0.09		0 - 0.8
		Day 57	2020-08-21 14:40 (29)	0.07		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081070	Eosinophils/Leukocytes (%)	Screening	2020-06-12 12:33 (-14)	1.5		0 - 7
		Day 29	2020-07-24 13:19 (29)	1.8		0 - 7
		Day 57	2020-08-21 14:40 (29)	1.5		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-12 12:33 (-14)	4.31 (L)		4.63 - 6.08
		Day 29	2020-07-24 13:19 (29)	4.30 (L)		4.63 - 6.08
		Day 57	2020-08-21 14:40 (29)	4.25 (L)		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-12 12:33 (-14)	0.400		0.37 - 0.51
		Day 29	2020-07-24 13:19 (29)	0.418		0.37 - 0.51
		Day 57	2020-08-21 14:40 (29)	0.388		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-12 12:33 (-14)	127	G1 Hemoglobin Decreased	125 - 170
		Day 29	2020-07-24 13:19 (29)	124 (L)	G2 Hemoglobin Decreased	125 - 170
		Day 57	2020-08-21 14:40 (29)	122 (L)	G2 Hemoglobin Decreased	125 - 170

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081070	Immature Granulocytes (10^9/L)	Screening	2020-06-12 12:33 (-14)	<0.03		0 - 0.07
		Day 29	2020-07-24 13:19 (29)	0.03		0 - 0.07
		Day 57	2020-08-21 14:40 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-12 12:33 (-14)	0.4		0 - 1
		Day 29	2020-07-24 13:19 (29)	0.6		0 - 1
		Day 57	2020-08-21 14:40 (29)	0.4		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-12 12:33 (-14)	5.35		3.7 - 11
		Day 29	2020-07-24 13:19 (29)	4.89		3.7 - 11
		Day 57	2020-08-21 14:40 (29)	4.63		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-12 12:33 (-14)	1.13		0.9 - 3.6
		Day 29	2020-07-24 13:19 (29)	1.32		0.9 - 3.6
		Day 57	2020-08-21 14:40 (29)	1.08		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081070	Lymphocytes/Leukocytes (%)	Screening	2020-06-12 12:33 (-14)	21.1		12 - 46
		Day 29	2020-07-24 13:19 (29)	27.0		12 - 46
		Day 57	2020-08-21 14:40 (29)	23.3		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-12 12:33 (-14)	0.55		0 - 1.2
		Day 29	2020-07-24 13:19 (29)	0.44		0 - 1.2
		Day 57	2020-08-21 14:40 (29)	0.49		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-12 12:33 (-14)	10.3		0 - 11
		Day 29	2020-07-24 13:19 (29)	9.0		0 - 11
		Day 57	2020-08-21 14:40 (29)	10.6		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-12 12:33 (-14)	3.55		1.7 - 7.9
		Day 29	2020-07-24 13:19 (29)	2.98		1.7 - 7.9
		Day 57	2020-08-21 14:40 (29)	2.95		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081070	Neutrophils/Leukocytes (%)	Screening	2020-06-12 12:33 (-14)	66.3		34 - 71
		Day 29	2020-07-24 13:19 (29)	61.0		34 - 71
		Day 57	2020-08-21 14:40 (29)	63.8		34 - 71
	Platelets (10^9/L)	Day 29	2020-07-24 13:19 (29)	93 (L)	G3 Platelets Decreased	163 - 375
		Day 57	2020-08-21 14:40 (29)	82 (L)	G3 Platelets Decreased	163 - 375
	Platelets, Estimated	Day 29	2020-07-24 13:19 (29)	DECREASED		
		Day 57	2020-08-21 14:40 (29)	DECREASED		
US2081071	Basophils (10^9/L)	Screening	2020-06-12 13:32 (-18)	0.03		0 - 0.3
		Day 29	2020-07-29 11:18 (30)	0.03		0 - 0.3
		Day 57	2020-08-26 13:40 (29)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-12 13:32 (-18)	0.4		0 - 3
		Day 29	2020-07-29 11:18 (30)	0.5		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081071	Basophils/Leukocytes (%)	Day 57	2020-08-26 13:40 (29)	0.4		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-12 13:32 (-18)	0.21		0 - 0.8
		Day 29	2020-07-29 11:18 (30)	0.23		0 - 0.8
		Day 57	2020-08-26 13:40 (29)	0.24		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-12 13:32 (-18)	2.9		0 - 7
		Day 29	2020-07-29 11:18 (30)	3.5		0 - 7
		Day 57	2020-08-26 13:40 (29)	3.3		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-12 13:32 (-18)	5.01		4.63 - 6.08
		Day 29	2020-07-29 11:18 (30)	5.01		4.63 - 6.08
		Day 57	2020-08-26 13:40 (29)	4.95		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-12 13:32 (-18)	0.498		0.37 - 0.51
		Day 29	2020-07-29 11:18 (30)	0.494		0.37 - 0.51

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081071	Hematocrit (L/L)	Day 57	2020-08-26 13:40 (29)	0.493		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-12 13:32 (-18)	169		125 - 170
		Day 29	2020-07-29 11:18 (30)	166	G1 Hemoglobin Decreased	125 - 170
		Day 57	2020-08-26 13:40 (29)	167	G1 Hemoglobin Decreased	125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-12 13:32 (-18)	<0.03		0 - 0.07
		Day 29	2020-07-29 11:18 (30)	<0.03		0 - 0.07
		Day 57	2020-08-26 13:40 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-12 13:32 (-18)	0.3		0 - 1
		Day 29	2020-07-29 11:18 (30)	0.2		0 - 1
		Day 57	2020-08-26 13:40 (29)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-12 13:32 (-18)	7.29		3.7 - 11
		Day 29	2020-07-29 11:18 (30)	6.53		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081071	Leukocytes (10^9/L)	Day 57	2020-08-26 13:40 (29)	7.29		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-12 13:32 (-18)	2.81		0.9 - 3.6
		Day 29	2020-07-29 11:18 (30)	2.36		0.9 - 3.6
		Day 57	2020-08-26 13:40 (29)	2.64		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-12 13:32 (-18)	38.5		12 - 46
		Day 29	2020-07-29 11:18 (30)	36.1		12 - 46
		Day 57	2020-08-26 13:40 (29)	36.2		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-12 13:32 (-18)	0.53		0 - 1.2
		Day 29	2020-07-29 11:18 (30)	0.50		0 - 1.2
		Day 57	2020-08-26 13:40 (29)	0.54		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-12 13:32 (-18)	7.3		0 - 11
		Day 29	2020-07-29 11:18 (30)	7.7		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081071	Monocytes/Leukocytes (%)	Day 57	2020-08-26 13:40 (29)	7.4		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-12 13:32 (-18)	3.69		1.7 - 7.9
		Day 29	2020-07-29 11:18 (30)	3.40		1.7 - 7.9
		Day 57	2020-08-26 13:40 (29)	3.82		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-12 13:32 (-18)	50.6		34 - 71
		Day 29	2020-07-29 11:18 (30)	52.0		34 - 71
		Day 57	2020-08-26 13:40 (29)	52.4		34 - 71
	Platelets (10^9/L)	Screening	2020-06-12 13:32 (-18)	221		163 - 375
		Day 29	2020-07-29 11:18 (30)	231		163 - 375
		Day 57	2020-08-26 13:40 (29)	256		163 - 375
US2081085	Basophils (10^9/L)	Screening	2020-06-18 11:13 (-15)	0.06		0 - 0.3
		Day 29	2020-08-11 08:03 (40)	0.06		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081085	Basophils (10^9/L)	Day 57	2020-09-08 09:50 (29)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-18 11:13 (-15)	0.9		0 - 3
		Day 29	2020-08-11 08:03 (40)	1.0		0 - 3
		Day 57	2020-09-08 09:50 (29)	0.7		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-18 11:13 (-15)	0.11		0 - 0.8
		Day 29	2020-08-11 08:03 (40)	0.19		0 - 0.8
		Day 57	2020-09-08 09:50 (29)	0.11		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-18 11:13 (-15)	1.7		0 - 7
		Day 29	2020-08-11 08:03 (40)	3.1		0 - 7
		Day 57	2020-09-08 09:50 (29)	2.0		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-18 11:13 (-15)	4.59		3.7 - 5.2
		Day 29	2020-08-11 08:03 (40)	4.43		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081085	Erythrocytes (10^12/L)	Day 57	2020-09-08 09:50 (29)	4.44		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-18 11:13 (-15)	0.439		0.33 - 0.47
		Day 29	2020-08-11 08:03 (40)	0.448		0.33 - 0.47
		Day 57	2020-09-08 09:50 (29)	0.437		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-18 11:13 (-15)	135		110 - 155
		Day 29	2020-08-11 08:03 (40)	132	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-09-08 09:50 (29)	131	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-18 11:13 (-15)	<0.03		0 - 0.07
		Day 29	2020-08-11 08:03 (40)	<0.03		0 - 0.07
		Day 57	2020-09-08 09:50 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-18 11:13 (-15)	0.3		0 - 1
		Day 29	2020-08-11 08:03 (40)	0.2		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081085	Immature Granulocytes/Leukocytes (%)	Day 57	2020-09-08 09:50 (29)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-18 11:13 (-15)	6.35		3.7 - 11
		Day 29	2020-08-11 08:03 (40)	6.04		3.7 - 11
		Day 57	2020-09-08 09:50 (29)	5.48		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-18 11:13 (-15)	2.06		0.9 - 3.6
		Day 29	2020-08-11 08:03 (40)	2.55		0.9 - 3.6
		Day 57	2020-09-08 09:50 (29)	2.04		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-18 11:13 (-15)	32.4		12 - 46
		Day 29	2020-08-11 08:03 (40)	42.2		12 - 46
		Day 57	2020-09-08 09:50 (29)	37.2		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-18 11:13 (-15)	0.47		0 - 1.2
		Day 29	2020-08-11 08:03 (40)	0.36		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081085	Monocytes (10^9/L)	Day 57	2020-09-08 09:50 (29)	0.41		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-18 11:13 (-15)	7.4		0 - 11
		Day 29	2020-08-11 08:03 (40)	6.0		0 - 11
		Day 57	2020-09-08 09:50 (29)	7.5		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-18 11:13 (-15)	3.63		1.7 - 7.9
		Day 29	2020-08-11 08:03 (40)	2.87		1.7 - 7.9
		Day 57	2020-09-08 09:50 (29)	2.87		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-18 11:13 (-15)	57.3		34 - 71
		Day 29	2020-08-11 08:03 (40)	47.5		34 - 71
		Day 57	2020-09-08 09:50 (29)	52.4		34 - 71
	Platelets (10^9/L)	Screening	2020-06-18 11:13 (-15)	291		163 - 375
		Day 29	2020-08-11 08:03 (40)	277		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081085	Platelets (10^9/L)	Day 57	2020-09-08 09:50 (29)	276		163 - 375
US2081090	Basophils (10^9/L)	Screening	2020-06-19 07:46 (-12)	0.06		0 - 0.3
		Day 29	2020-08-03 07:31 (34)	0.06		0 - 0.3
		Day 57	2020-09-02 10:55 (31)	0.06		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-19 07:46 (-12)	1.0		0 - 3
		Day 29	2020-08-03 07:31 (34)	1.1		0 - 3
		Day 57	2020-09-02 10:55 (31)	0.9		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-19 07:46 (-12)	0.11		0 - 0.8
		Day 29	2020-08-03 07:31 (34)	0.09		0 - 0.8
		Day 57	2020-09-02 10:55 (31)	0.03		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-19 07:46 (-12)	1.9		0 - 7
		Day 29	2020-08-03 07:31 (34)	1.6		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081090	Eosinophils/Leukocytes (%)	Day 57	2020-09-02 10:55 (31)	0.5		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-19 07:46 (-12)	4.59 (L)		4.63 - 6.08
		Day 29	2020-08-03 07:31 (34)	4.33 (L)		4.63 - 6.08
		Day 57	2020-09-02 10:55 (31)	4.15 (L)		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-19 07:46 (-12)	0.472		0.37 - 0.51
		Day 29	2020-08-03 07:31 (34)	0.430		0.37 - 0.51
		Day 57	2020-09-02 10:55 (31)	0.432		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-19 07:46 (-12)	143		125 - 170
		Day 29	2020-08-03 07:31 (34)	139	G1 Hemoglobin Decreased	125 - 170
		Day 57	2020-09-02 10:55 (31)	132	G1 Hemoglobin Decreased	125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-19 07:46 (-12)	<0.03		0 - 0.07
		Day 29	2020-08-03 07:31 (34)	0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081090	Immature Granulocytes (10^9/L)	Day 57	2020-09-02 10:55 (31)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-19 07:46 (-12)	0.3		0 - 1
		Day 29	2020-08-03 07:31 (34)	0.5		0 - 1
		Day 57	2020-09-02 10:55 (31)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-19 07:46 (-12)	5.83		3.7 - 11
		Day 29	2020-08-03 07:31 (34)	5.59		3.7 - 11
		Day 57	2020-09-02 10:55 (31)	6.45		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-19 07:46 (-12)	1.32		0.9 - 3.6
		Day 29	2020-08-03 07:31 (34)	1.23		0.9 - 3.6
		Day 57	2020-09-02 10:55 (31)	1.25		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-19 07:46 (-12)	22.6		12 - 46
		Day 29	2020-08-03 07:31 (34)	22.0		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081090	Lymphocytes/Leukocytes (%)	Day 57	2020-09-02 10:55 (31)	19.4		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-19 07:46 (-12)	0.61		0 - 1.2
		Day 29	2020-08-03 07:31 (34)	0.52		0 - 1.2
		Day 57	2020-09-02 10:55 (31)	0.54		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-19 07:46 (-12)	10.5		0 - 11
		Day 29	2020-08-03 07:31 (34)	9.3		0 - 11
		Day 57	2020-09-02 10:55 (31)	8.4		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-19 07:46 (-12)	3.71		1.7 - 7.9
		Day 29	2020-08-03 07:31 (34)	3.66		1.7 - 7.9
		Day 57	2020-09-02 10:55 (31)	4.56		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-19 07:46 (-12)	63.7		34 - 71
		Day 29	2020-08-03 07:31 (34)	65.5		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081090	Neutrophils/Leukocytes (%)	Day 57	2020-09-02 10:55 (31)	70.6		34 - 71
	Platelets (10^9/L)	Screening	2020-06-19 07:46 (-12)	298		163 - 375
		Day 29	2020-08-03 07:31 (34)	301		163 - 375
		Day 57	2020-09-02 10:55 (31)	300		163 - 375
US2081092	Basophils (10^9/L)	Screening	2020-06-19 12:00 (-13)	0.04		0 - 0.3
		Day 29	2020-07-31 13:20 (30)	0.04		0 - 0.3
		Day 57	2020-08-28 09:46 (29)	0.05		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-19 12:00 (-13)	0.4		0 - 3
		Day 29	2020-07-31 13:20 (30)	0.5		0 - 3
		Day 57	2020-08-28 09:46 (29)	0.6		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-19 12:00 (-13)	0.08		0 - 0.8
		Day 29	2020-07-31 13:20 (30)	0.22		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081092	Eosinophils (10^9/L)	Day 57	2020-08-28 09:46 (29)	0.29		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-19 12:00 (-13)	0.8		0 - 7
		Day 29	2020-07-31 13:20 (30)	3.0		0 - 7
		Day 57	2020-08-28 09:46 (29)	3.7		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-19 12:00 (-13)	4.55		3.7 - 5.2
		Day 29	2020-07-31 13:20 (30)	4.40		3.7 - 5.2
		Day 57	2020-08-28 09:46 (29)	4.47		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-19 12:00 (-13)	0.438		0.33 - 0.47
		Day 29	2020-07-31 13:20 (30)	0.413		0.33 - 0.47
		Day 57	2020-08-28 09:46 (29)	0.440		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-19 12:00 (-13)	139		110 - 155
		Day 29	2020-07-31 13:20 (30)	137	G1 Hemoglobin Decreased	110 - 155

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081092	Hemoglobin (g/L)	Day 57	2020-08-28 09:46 (29)	137	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-19 12:00 (-13)	<0.03		0 - 0.07
		Day 29	2020-07-31 13:20 (30)	0.03		0 - 0.07
		Day 57	2020-08-28 09:46 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-19 12:00 (-13)	0.1		0 - 1
		Day 29	2020-07-31 13:20 (30)	0.4		0 - 1
		Day 57	2020-08-28 09:46 (29)	0.1		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-19 12:00 (-13)	9.95		3.7 - 11
		Day 29	2020-07-31 13:20 (30)	7.43		3.7 - 11
		Day 57	2020-08-28 09:46 (29)	7.82		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-19 12:00 (-13)	1.58		0.9 - 3.6
		Day 29	2020-07-31 13:20 (30)	1.96		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081092	Lymphocytes (10^9/L)	Day 57	2020-08-28 09:46 (29)	2.26		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-19 12:00 (-13)	15.9		12 - 46
		Day 29	2020-07-31 13:20 (30)	26.4		12 - 46
		Day 57	2020-08-28 09:46 (29)	28.9		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-19 12:00 (-13)	0.80		0 - 1.2
		Day 29	2020-07-31 13:20 (30)	0.65		0 - 1.2
		Day 57	2020-08-28 09:46 (29)	0.47		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-19 12:00 (-13)	8.0		0 - 11
		Day 29	2020-07-31 13:20 (30)	8.7		0 - 11
		Day 57	2020-08-28 09:46 (29)	6.0		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-19 12:00 (-13)	7.44		1.7 - 7.9
		Day 29	2020-07-31 13:20 (30)	4.53		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081092	Neutrophils (10^9/L)	Day 57	2020-08-28 09:46 (29)	4.74		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-19 12:00 (-13)	74.8 (H)		34 - 71
		Day 29	2020-07-31 13:20 (30)	61.0		34 - 71
		Day 57	2020-08-28 09:46 (29)	60.7		34 - 71
	Platelets (10^9/L)	Screening	2020-06-19 12:00 (-13)	190		163 - 375
		Day 29	2020-07-31 13:20 (30)	193		163 - 375
		Day 57	2020-08-28 09:46 (29)	193		163 - 375
US2081100	Basophils (10^9/L)	Screening	2020-06-22 12:30 (-10)	0.04		0 - 0.3
		Day 29	2020-08-03 09:20 (33)	0.03		0 - 0.3
		Day 57	2020-09-10 11:41 (39)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-22 12:30 (-10)	0.5		0 - 3
		Day 29	2020-08-03 09:20 (33)	0.5		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081100	Basophils/Leukocytes (%)	Day 57	2020-09-10 11:41 (39)	0.5		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-22 12:30 (-10)	0.14		0 - 0.8
		Day 29	2020-08-03 09:20 (33)	0.10		0 - 0.8
		Day 57	2020-09-10 11:41 (39)	0.10		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-22 12:30 (-10)	1.8		0 - 7
		Day 29	2020-08-03 09:20 (33)	1.7		0 - 7
		Day 57	2020-09-10 11:41 (39)	1.6		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-22 12:30 (-10)	4.74		3.7 - 5.2
		Day 29	2020-08-03 09:20 (33)	4.81		3.7 - 5.2
		Day 57	2020-09-10 11:41 (39)	4.52		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-22 12:30 (-10)	0.473 (H)		0.33 - 0.47
		Day 29	2020-08-03 09:20 (33)	0.466		0.33 - 0.47

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081100	Hematocrit (L/L)	Day 57	2020-09-10 11:41 (39)	0.445		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-22 12:30 (-10)	141		110 - 155
		Day 29	2020-08-03 09:20 (33)	145		110 - 155
		Day 57	2020-09-10 11:41 (39)	135	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-22 12:30 (-10)	<0.03		0 - 0.07
		Day 29	2020-08-03 09:20 (33)	<0.03		0 - 0.07
		Day 57	2020-09-10 11:41 (39)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-22 12:30 (-10)	0.1		0 - 1
		Day 29	2020-08-03 09:20 (33)	0.2		0 - 1
		Day 57	2020-09-10 11:41 (39)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-22 12:30 (-10)	7.89		3.7 - 11
		Day 29	2020-08-03 09:20 (33)	5.76		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081100	Leukocytes (10^9/L)	Day 57	2020-09-10 11:41 (39)	6.20		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-22 12:30 (-10)	1.92		0.9 - 3.6
		Day 29	2020-08-03 09:20 (33)	1.94		0.9 - 3.6
		Day 57	2020-09-10 11:41 (39)	1.82		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-22 12:30 (-10)	24.3		12 - 46
		Day 29	2020-08-03 09:20 (33)	33.7		12 - 46
		Day 57	2020-09-10 11:41 (39)	29.4		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-22 12:30 (-10)	0.59		0 - 1.2
		Day 29	2020-08-03 09:20 (33)	0.36		0 - 1.2
		Day 57	2020-09-10 11:41 (39)	0.50		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-22 12:30 (-10)	7.5		0 - 11
		Day 29	2020-08-03 09:20 (33)	6.3		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081100	Monocytes/Leukocytes (%)	Day 57	2020-09-10 11:41 (39)	8.1		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-22 12:30 (-10)	5.19		1.7 - 7.9
		Day 29	2020-08-03 09:20 (33)	3.32		1.7 - 7.9
		Day 57	2020-09-10 11:41 (39)	3.73		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-22 12:30 (-10)	65.8		34 - 71
		Day 29	2020-08-03 09:20 (33)	57.6		34 - 71
		Day 57	2020-09-10 11:41 (39)	60.1		34 - 71
	Platelets (10^9/L)	Screening	2020-06-22 12:30 (-10)	248		163 - 375
		Day 29	2020-08-03 09:20 (33)	298		163 - 375
		Day 57	2020-09-10 11:41 (39)	255		163 - 375
US2081110	Basophils (10^9/L)	Screening	2020-06-23 15:04 (-10)	0.06		0 - 0.3
		Day 29	2020-07-31 11:20 (29)	0.07		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081110	Basophils (10^9/L)	Day 57	2020-08-28 14:11 (29)	0.06		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-23 15:04 (-10)	0.8		0 - 3
		Day 29	2020-07-31 11:20 (29)	1.1		0 - 3
		Day 57	2020-08-28 14:11 (29)	0.8		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-23 15:04 (-10)	0.11		0 - 0.8
		Day 29	2020-07-31 11:20 (29)	0.23		0 - 0.8
		Day 57	2020-08-28 14:11 (29)	0.11		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-23 15:04 (-10)	1.5		0 - 7
		Day 29	2020-07-31 11:20 (29)	3.5		0 - 7
		Day 57	2020-08-28 14:11 (29)	1.5		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-23 15:04 (-10)	4.53		3.7 - 5.2
		Day 29	2020-07-31 11:20 (29)	4.27		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081110	Erythrocytes (10^12/L)	Day 57	2020-08-28 14:11 (29)	4.44		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-23 15:04 (-10)	0.422		0.33 - 0.47
		Day 29	2020-07-31 11:20 (29)	0.398		0.33 - 0.47
		Day 57	2020-08-28 14:11 (29)	0.423		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-23 15:04 (-10)	133		110 - 155
		Day 29	2020-07-31 11:20 (29)	129	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-28 14:11 (29)	133		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-23 15:04 (-10)	0.03		0 - 0.07
		Day 29	2020-07-31 11:20 (29)	0.03		0 - 0.07
		Day 57	2020-08-28 14:11 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-23 15:04 (-10)	0.4		0 - 1
		Day 29	2020-07-31 11:20 (29)	0.5		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081110	Immature Granulocytes/Leukocytes (%)	Day 57	2020-08-28 14:11 (29)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-23 15:04 (-10)	7.29		3.7 - 11
		Day 29	2020-07-31 11:20 (29)	6.59		3.7 - 11
		Day 57	2020-08-28 14:11 (29)	7.42		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-23 15:04 (-10)	1.67		0.9 - 3.6
		Day 29	2020-07-31 11:20 (29)	1.48		0.9 - 3.6
		Day 57	2020-08-28 14:11 (29)	1.51		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-23 15:04 (-10)	22.9		12 - 46
		Day 29	2020-07-31 11:20 (29)	22.5		12 - 46
		Day 57	2020-08-28 14:11 (29)	20.4		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-23 15:04 (-10)	0.63		0 - 1.2
		Day 29	2020-07-31 11:20 (29)	0.51		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081110	Monocytes (10^9/L)	Day 57	2020-08-28 14:11 (29)	0.59		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-23 15:04 (-10)	8.6		0 - 11
		Day 29	2020-07-31 11:20 (29)	7.7		0 - 11
		Day 57	2020-08-28 14:11 (29)	8.0		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-23 15:04 (-10)	4.79		1.7 - 7.9
		Day 29	2020-07-31 11:20 (29)	4.27		1.7 - 7.9
		Day 57	2020-08-28 14:11 (29)	5.13		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-23 15:04 (-10)	65.8		34 - 71
		Day 29	2020-07-31 11:20 (29)	64.7		34 - 71
		Day 57	2020-08-28 14:11 (29)	69.0		34 - 71
	Platelets (10^9/L)	Screening	2020-06-23 15:04 (-10)	285		163 - 375
		Day 29	2020-07-31 11:20 (29)	258		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081110	Platelets (10^9/L)	Day 57	2020-08-28 14:11 (29)	258		163 - 375
US2081112	Basophils (10^9/L)	Screening	2020-06-24 07:55 (-9)	0.04		0 - 0.3
		Day 29	2020-08-11 09:54 (40)	0.04		0 - 0.3
		Day 57	2020-09-14 10:29 (35)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-24 07:55 (-9)	0.8		0 - 3
		Day 29	2020-08-11 09:54 (40)	0.7		0 - 3
		Day 57	2020-09-14 10:29 (35)	0.7		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-24 07:55 (-9)	0.14		0 - 0.8
		Day 29	2020-08-11 09:54 (40)	0.11		0 - 0.8
		Day 57	2020-09-14 10:29 (35)	0.11		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-24 07:55 (-9)	3.0		0 - 7
		Day 29	2020-08-11 09:54 (40)	1.8		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081112	Eosinophils/Leukocytes (%)	Day 57	2020-09-14 10:29 (35)	2.0		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-24 07:55 (-9)	4.28		3.7 - 5.2
		Day 29	2020-08-11 09:54 (40)	4.17		3.7 - 5.2
		Day 57	2020-09-14 10:29 (35)	4.14		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-24 07:55 (-9)	0.461		0.33 - 0.47
		Day 29	2020-08-11 09:54 (40)	0.449		0.33 - 0.47
		Day 57	2020-09-14 10:29 (35)	0.422		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-24 07:55 (-9)	136		110 - 155
		Day 29	2020-08-11 09:54 (40)	134	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-09-14 10:29 (35)	133	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-24 07:55 (-9)	<0.03		0 - 0.07
		Day 29	2020-08-11 09:54 (40)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081112	Immature Granulocytes (10^9/L)	Day 57	2020-09-14 10:29 (35)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-24 07:55 (-9)	0.2		0 - 1
		Day 29	2020-08-11 09:54 (40)	0.3		0 - 1
		Day 57	2020-09-14 10:29 (35)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-24 07:55 (-9)	4.73		3.7 - 11
		Day 29	2020-08-11 09:54 (40)	6.01		3.7 - 11
		Day 57	2020-09-14 10:29 (35)	5.54		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-24 07:55 (-9)	1.73		0.9 - 3.6
		Day 29	2020-08-11 09:54 (40)	1.95		0.9 - 3.6
		Day 57	2020-09-14 10:29 (35)	1.97		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-24 07:55 (-9)	36.6		12 - 46
		Day 29	2020-08-11 09:54 (40)	32.4		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081112	Lymphocytes/Leukocytes (%)	Day 57	2020-09-14 10:29 (35)	35.6		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-24 07:55 (-9)	0.41		0 - 1.2
		Day 29	2020-08-11 09:54 (40)	0.34		0 - 1.2
		Day 57	2020-09-14 10:29 (35)	0.40		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-24 07:55 (-9)	8.7		0 - 11
		Day 29	2020-08-11 09:54 (40)	5.7		0 - 11
		Day 57	2020-09-14 10:29 (35)	7.2		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-24 07:55 (-9)	2.40		1.7 - 7.9
		Day 29	2020-08-11 09:54 (40)	3.55		1.7 - 7.9
		Day 57	2020-09-14 10:29 (35)	3.01		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-24 07:55 (-9)	50.7		34 - 71
		Day 29	2020-08-11 09:54 (40)	59.1		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081112	Neutrophils/Leukocytes (%)	Day 57	2020-09-14 10:29 (35)	54.3		34 - 71
	Platelets (10^9/L)	Screening	2020-06-24 07:55 (-9)	238		163 - 375
		Day 29	2020-08-11 09:54 (40)	248		163 - 375
		Day 57	2020-09-14 10:29 (35)	236		163 - 375
US2081118	Basophils (10^9/L)	Screening	2020-06-24 12:12 (-7)	0.08		0 - 0.3
		Day 29	2020-07-31 13:10 (31)	0.07		0 - 0.3
		Day 57	2020-08-28 11:39 (29)	0.07		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-24 12:12 (-7)	1.6		0 - 3
		Day 29	2020-07-31 13:10 (31)	1.5		0 - 3
		Day 57	2020-08-28 11:39 (29)	1.2		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-24 12:12 (-7)	0.08		0 - 0.8
		Day 29	2020-07-31 13:10 (31)	0.11		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081118	Eosinophils (10^9/L)	Day 57	2020-08-28 11:39 (29)	0.18		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-24 12:12 (-7)	1.6		0 - 7
		Day 29	2020-07-31 13:10 (31)	2.4		0 - 7
		Day 57	2020-08-28 11:39 (29)	3.1		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-24 12:12 (-7)	4.37		3.7 - 5.2
		Day 29	2020-07-31 13:10 (31)	4.20		3.7 - 5.2
		Day 57	2020-08-28 11:39 (29)	4.19		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-24 12:12 (-7)	0.411		0.33 - 0.47
		Day 29	2020-07-31 13:10 (31)	0.389		0.33 - 0.47
		Day 57	2020-08-28 11:39 (29)	0.399		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-24 12:12 (-7)	128		110 - 155
		Day 29	2020-07-31 13:10 (31)	126	G1 Hemoglobin Decreased	110 - 155

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081118	Hemoglobin (g/L)	Day 57	2020-08-28 11:39 (29)	124	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-24 12:12 (-7)	0.03		0 - 0.07
		Day 29	2020-07-31 13:10 (31)	0.04		0 - 0.07
		Day 57	2020-08-28 11:39 (29)	0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-24 12:12 (-7)	0.6		0 - 1
		Day 29	2020-07-31 13:10 (31)	0.9		0 - 1
		Day 57	2020-08-28 11:39 (29)	0.5		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-24 12:12 (-7)	5.11		3.7 - 11
		Day 29	2020-07-31 13:10 (31)	4.62		3.7 - 11
		Day 57	2020-08-28 11:39 (29)	5.72		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-24 12:12 (-7)	1.30		0.9 - 3.6
		Day 29	2020-07-31 13:10 (31)	1.04		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081118	Lymphocytes (10^9/L)	Day 57	2020-08-28 11:39 (29)	1.62		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-24 12:12 (-7)	25.4		12 - 46
		Day 29	2020-07-31 13:10 (31)	22.5		12 - 46
		Day 57	2020-08-28 11:39 (29)	28.3		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-24 12:12 (-7)	0.81		0 - 1.2
		Day 29	2020-07-31 13:10 (31)	0.77		0 - 1.2
		Day 57	2020-08-28 11:39 (29)	0.67		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-24 12:12 (-7)	15.9 (H)		0 - 11
		Day 29	2020-07-31 13:10 (31)	16.7 (H)		0 - 11
		Day 57	2020-08-28 11:39 (29)	11.7 (H)		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-24 12:12 (-7)	2.81		1.7 - 7.9
		Day 29	2020-07-31 13:10 (31)	2.59		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081118	Neutrophils (10^9/L)	Day 57	2020-08-28 11:39 (29)	3.15		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-24 12:12 (-7)	54.9		34 - 71
		Day 29	2020-07-31 13:10 (31)	56.0		34 - 71
		Day 57	2020-08-28 11:39 (29)	55.2		34 - 71
	Platelets (10^9/L)	Screening	2020-06-24 12:12 (-7)	258		163 - 375
		Day 29	2020-07-31 13:10 (31)	265		163 - 375
		Day 57	2020-08-28 11:39 (29)	257		163 - 375
US2081123	Basophils (10^9/L)	Screening	2020-06-25 09:32 (-5)	0.04		0 - 0.3
		Unscheduled	2020-07-29 13:20 (30)	0.03		0 - 0.3
		Day 29	2020-08-11 11:38 (43)	0.07		0 - 0.3
		Day 57	2020-09-08 12:35 (71)	0.06		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-25 09:32 (-5)	1.0		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081123	Basophils/Leukocytes (%)	Unscheduled	2020-07-29 13:20 (30)	0.3		0 - 3
		Day 29	2020-08-11 11:38 (43)	1.5		0 - 3
		Day 57	2020-09-08 12:35 (71)	0.8		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-25 09:32 (-5)	0.15		0 - 0.8
		Unscheduled	2020-07-29 13:20 (30)	0.06		0 - 0.8
		Day 29	2020-08-11 11:38 (43)	0.14		0 - 0.8
		Day 57	2020-09-08 12:35 (71)	0.13		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-25 09:32 (-5)	3.9		0 - 7
		Unscheduled	2020-07-29 13:20 (30)	0.6		0 - 7
		Day 29	2020-08-11 11:38 (43)	2.9		0 - 7
		Day 57	2020-09-08 12:35 (71)	1.7		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-25 09:32 (-5)	4.28 (L)		4.63 - 6.08

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081123	Erythrocytes (10^12/L)	Unscheduled	2020-07-29 13:20 (30)	3.97 (L)		4.63 - 6.08
		Day 29	2020-08-11 11:38 (43)	3.63 (L)		4.63 - 6.08
		Day 57	2020-09-08 12:35 (71)	4.08 (L)		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-25 09:32 (-5)	0.438		0.37 - 0.51
		Unscheduled	2020-07-29 13:20 (30)	0.388		0.37 - 0.51
		Day 29	2020-08-11 11:38 (43)	0.401		0.37 - 0.51
		Day 57	2020-09-08 12:35 (71)	0.414		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-25 09:32 (-5)	137		125 - 170
		Unscheduled	2020-07-29 13:20 (30)	126	G1 Hemoglobin Decreased	125 - 170
		Day 29	2020-08-11 11:38 (43)	115 (L)	G3 Hemoglobin Decreased	125 - 170
		Day 57	2020-09-08 12:35 (71)	130	G1 Hemoglobin Decreased	125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-25 09:32 (-5)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081123	Immature Granulocytes (10^9/L)	Unscheduled	2020-07-29 13:20 (30)	0.05		0 - 0.07
		Day 29	2020-08-11 11:38 (43)	0.04		0 - 0.07
		Day 57	2020-09-08 12:35 (71)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-25 09:32 (-5)	0.3		0 - 1
		Unscheduled	2020-07-29 13:20 (30)	0.5		0 - 1
		Day 29	2020-08-11 11:38 (43)	0.8		0 - 1
		Day 57	2020-09-08 12:35 (71)	0.1		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-25 09:32 (-5)	3.82		3.7 - 11
		Unscheduled	2020-07-29 13:20 (30)	10.34		3.7 - 11
		Day 29	2020-08-11 11:38 (43)	4.81		3.7 - 11
		Day 57	2020-09-08 12:35 (71)	7.44		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-25 09:32 (-5)	1.37		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081123	Lymphocytes (10^9/L)	Unscheduled	2020-07-29 13:20 (30)	0.54 (L)	G2 Lymphocytes Decreased	0.9 - 3.6
		Day 29	2020-08-11 11:38 (43)	1.11		0.9 - 3.6
		Day 57	2020-09-08 12:35 (71)	1.20		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-25 09:32 (-5)	35.9		12 - 46
		Unscheduled	2020-07-29 13:20 (30)	5.2 (L)		12 - 46
		Day 29	2020-08-11 11:38 (43)	23.1		12 - 46
		Day 57	2020-09-08 12:35 (71)	16.1		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-25 09:32 (-5)	0.45		0 - 1.2
		Unscheduled	2020-07-29 13:20 (30)	0.70		0 - 1.2
		Day 29	2020-08-11 11:38 (43)	0.46		0 - 1.2
		Day 57	2020-09-08 12:35 (71)	0.46		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-25 09:32 (-5)	11.8 (H)		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081123	Monocytes/Leukocytes (%)	Unscheduled	2020-07-29 13:20 (30)	6.8		0 - 11
		Day 29	2020-08-11 11:38 (43)	9.6		0 - 11
		Day 57	2020-09-08 12:35 (71)	6.2		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-25 09:32 (-5)	1.80	G1 Neutrophils Decreased	1.7 - 7.9
		Unscheduled	2020-07-29 13:20 (30)	8.96 (H)		1.7 - 7.9
		Day 29	2020-08-11 11:38 (43)	2.99		1.7 - 7.9
		Day 57	2020-09-08 12:35 (71)	5.58		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-25 09:32 (-5)	47.1		34 - 71
		Unscheduled	2020-07-29 13:20 (30)	86.6 (H)		34 - 71
		Day 29	2020-08-11 11:38 (43)	62.1		34 - 71
		Day 57	2020-09-08 12:35 (71)	75.1 (H)		34 - 71
	Platelets (10^9/L)	Screening	2020-06-25 09:32 (-5)	217		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081123	Platelets (10^9/L)	Unscheduled	2020-07-29 13:20 (30)	242		163 - 375
		Day 29	2020-08-11 11:38 (43)	901 (H)		163 - 375
		Day 57	2020-09-08 12:35 (71)	213		163 - 375
	Platelets, Estimated	Day 29	2020-08-11 11:38 (43)	INCREASED		

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011004	Basophils (10^9/L)	Screening	2020-05-26 13:15 (-6)	<0.03		0 - 0.3
		Day 29	2020-06-29 09:40 (29)	0.03		0 - 0.3
		Day 57	2020-07-27 11:11 (29)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-26 13:15 (-6)	0.4		0 - 3
		Day 29	2020-06-29 09:40 (29)	0.7		0 - 3
		Day 57	2020-07-27 11:11 (29)	0.6		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-26 13:15 (-6)	0.04		0 - 0.8
		Day 29	2020-06-29 09:40 (29)	0.04		0 - 0.8
		Day 57	2020-07-27 11:11 (29)	0.08		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-26 13:15 (-6)	0.7		0 - 7
		Day 29	2020-06-29 09:40 (29)	0.9		0 - 7
		Day 57	2020-07-27 11:11 (29)	1.5		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011004	Erythrocytes (10^12/L)	Screening	2020-05-26 13:15 (-6)	4.89		3.7 - 5.2
		Day 29	2020-06-29 09:40 (29)	4.70		3.7 - 5.2
		Day 57	2020-07-27 11:11 (29)	4.80		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-26 13:15 (-6)	0.469		0.33 - 0.47
		Day 29	2020-06-29 09:40 (29)	0.457		0.33 - 0.47
		Day 57	2020-07-27 11:11 (29)	0.467		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-26 13:15 (-6)	144		110 - 155
		Day 29	2020-06-29 09:40 (29)	135	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-07-27 11:11 (29)	139	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-26 13:15 (-6)	<0.03		0 - 0.07
		Day 29	2020-06-29 09:40 (29)	<0.03		0 - 0.07
		Day 57	2020-07-27 11:11 (29)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011004	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-26 13:15 (-6)	0.0		0 - 1
		Day 29	2020-06-29 09:40 (29)	0.2		0 - 1
		Day 57	2020-07-27 11:11 (29)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-26 13:15 (-6)	5.46		3.7 - 11
		Day 29	2020-06-29 09:40 (29)	4.27		3.7 - 11
		Day 57	2020-07-27 11:11 (29)	5.24		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-26 13:15 (-6)	2.35		0.9 - 3.6
		Day 29	2020-06-29 09:40 (29)	1.97		0.9 - 3.6
		Day 57	2020-07-27 11:11 (29)	2.29		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-26 13:15 (-6)	43.0		12 - 46
		Day 29	2020-06-29 09:40 (29)	46.1 (H)		12 - 46
		Day 57	2020-07-27 11:11 (29)	43.7		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011004	Monocytes (10^9/L)	Screening	2020-05-26 13:15 (-6)	0.40		0 - 1.2
		Day 29	2020-06-29 09:40 (29)	0.38		0 - 1.2
		Day 57	2020-07-27 11:11 (29)	0.40		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-26 13:15 (-6)	7.3		0 - 11
		Day 29	2020-06-29 09:40 (29)	8.9		0 - 11
		Day 57	2020-07-27 11:11 (29)	7.6		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-26 13:15 (-6)	2.65		1.7 - 7.9
		Day 29	2020-06-29 09:40 (29)	1.84	G1 Neutrophils Decreased	1.7 - 7.9
		Day 57	2020-07-27 11:11 (29)	2.43		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-26 13:15 (-6)	48.6		34 - 71
		Day 29	2020-06-29 09:40 (29)	43.2		34 - 71
		Day 57	2020-07-27 11:11 (29)	46.4		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011004	Platelets (10^9/L)	Screening	2020-05-26 13:15 (-6)	238		163 - 375
		Day 29	2020-06-29 09:40 (29)	379 (H)		163 - 375
		Day 57	2020-07-27 11:11 (29)	275		163 - 375
US2011009	Basophils (10^9/L)	Screening	2020-05-26 15:08 (-6)	0.06		0 - 0.3
		Day 29	2020-06-29 15:06 (29)	0.06		0 - 0.3
		Day 57	2020-07-27 11:35 (29)	0.07		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-26 15:08 (-6)	1.0		0 - 3
		Day 29	2020-06-29 15:06 (29)	0.9		0 - 3
		Day 57	2020-07-27 11:35 (29)	1.1		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-26 15:08 (-6)	0.09		0 - 0.8
		Day 29	2020-06-29 15:06 (29)	0.06		0 - 0.8
		Day 57	2020-07-27 11:35 (29)	0.11		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011009	Eosinophils/Leukocytes (%)	Screening	2020-05-26 15:08 (-6)	1.6		0 - 7
		Day 29	2020-06-29 15:06 (29)	0.9		0 - 7
		Day 57	2020-07-27 11:35 (29)	1.7		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-26 15:08 (-6)	4.81		3.7 - 5.2
		Day 29	2020-06-29 15:06 (29)	4.31		3.7 - 5.2
		Day 57	2020-07-27 11:35 (29)	4.69		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-26 15:08 (-6)	0.444		0.33 - 0.47
		Day 29	2020-06-29 15:06 (29)	0.405		0.33 - 0.47
		Day 57	2020-07-27 11:35 (29)	0.440		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-26 15:08 (-6)	142		110 - 155
		Day 29	2020-06-29 15:06 (29)	129	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-07-27 11:35 (29)	139	G1 Hemoglobin Decreased	110 - 155

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011009	Immature Granulocytes (10^9/L)	Screening	2020-05-26 15:08 (-6)	<0.03		0 - 0.07
		Day 29	2020-06-29 15:06 (29)	<0.03		0 - 0.07
		Day 57	2020-07-27 11:35 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-26 15:08 (-6)	0.3		0 - 1
		Day 29	2020-06-29 15:06 (29)	0.3		0 - 1
		Day 57	2020-07-27 11:35 (29)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-26 15:08 (-6)	5.74		3.7 - 11
		Day 29	2020-06-29 15:06 (29)	6.82		3.7 - 11
		Day 57	2020-07-27 11:35 (29)	6.59		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-26 15:08 (-6)	1.80		0.9 - 3.6
		Day 29	2020-06-29 15:06 (29)	1.79		0.9 - 3.6
		Day 57	2020-07-27 11:35 (29)	1.89		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011009	Lymphocytes/Leukocytes (%)	Screening	2020-05-26 15:08 (-6)	31.4		12 - 46
		Day 29	2020-06-29 15:06 (29)	26.2		12 - 46
		Day 57	2020-07-27 11:35 (29)	28.7		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-26 15:08 (-6)	0.54		0 - 1.2
		Day 29	2020-06-29 15:06 (29)	0.45		0 - 1.2
		Day 57	2020-07-27 11:35 (29)	0.61		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-26 15:08 (-6)	9.4		0 - 11
		Day 29	2020-06-29 15:06 (29)	6.6		0 - 11
		Day 57	2020-07-27 11:35 (29)	9.3		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-26 15:08 (-6)	3.23		1.7 - 7.9
		Day 29	2020-06-29 15:06 (29)	4.44		1.7 - 7.9
		Day 57	2020-07-27 11:35 (29)	3.90		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011009	Neutrophils/Leukocytes (%)	Screening	2020-05-26 15:08 (-6)	56.3		34 - 71
		Day 29	2020-06-29 15:06 (29)	65.1		34 - 71
		Day 57	2020-07-27 11:35 (29)	59.0		34 - 71
	Platelets (10^9/L)	Screening	2020-05-26 15:08 (-6)	318		163 - 375
		Day 29	2020-06-29 15:06 (29)	287		163 - 375
		Day 57	2020-07-27 11:35 (29)	328		163 - 375
US2011028	Basophils (10^9/L)	Screening	2020-05-27 09:34 (-5)	0.07		0 - 0.3
		Day 29	2020-06-29 07:55 (29)	0.06		0 - 0.3
		Day 57	2020-07-27 07:25 (29)	0.06		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-27 09:34 (-5)	1.1		0 - 3
		Day 29	2020-06-29 07:55 (29)	1.0		0 - 3
		Day 57	2020-07-27 07:25 (29)	1.0		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011028	Eosinophils (10^9/L)	Screening	2020-05-27 09:34 (-5)	0.24		0 - 0.8
		Day 29	2020-06-29 07:55 (29)	0.23		0 - 0.8
		Day 57	2020-07-27 07:25 (29)	0.30		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-27 09:34 (-5)	3.9		0 - 7
		Day 29	2020-06-29 07:55 (29)	3.9		0 - 7
		Day 57	2020-07-27 07:25 (29)	5.0		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-27 09:34 (-5)	4.73		4.63 - 6.08
		Day 29	2020-06-29 07:55 (29)	4.84		4.63 - 6.08
		Day 57	2020-07-27 07:25 (29)	4.64		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-05-27 09:34 (-5)	0.462		0.37 - 0.51
		Day 29	2020-06-29 07:55 (29)	0.481		0.37 - 0.51
		Day 57	2020-07-27 07:25 (29)	0.459		0.37 - 0.51

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011028	Hemoglobin (g/L)	Screening	2020-05-27 09:34 (-5)	148		125 - 170
		Day 29	2020-06-29 07:55 (29)	149		125 - 170
		Day 57	2020-07-27 07:25 (29)	144	G1 Hemoglobin Decreased	125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-05-27 09:34 (-5)	<0.03		0 - 0.07
		Day 29	2020-06-29 07:55 (29)	<0.03		0 - 0.07
		Day 57	2020-07-27 07:25 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-27 09:34 (-5)	0.2		0 - 1
		Day 29	2020-06-29 07:55 (29)	0.2		0 - 1
		Day 57	2020-07-27 07:25 (29)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-27 09:34 (-5)	6.20		3.7 - 11
		Day 29	2020-06-29 07:55 (29)	5.97		3.7 - 11
		Day 57	2020-07-27 07:25 (29)	6.06		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011028	Lymphocytes (10^9/L)	Screening	2020-05-27 09:34 (-5)	1.36		0.9 - 3.6
		Day 29	2020-06-29 07:55 (29)	1.40		0.9 - 3.6
		Day 57	2020-07-27 07:25 (29)	1.48		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-27 09:34 (-5)	21.9		12 - 46
		Day 29	2020-06-29 07:55 (29)	23.5		12 - 46
		Day 57	2020-07-27 07:25 (29)	24.4		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-27 09:34 (-5)	0.58		0 - 1.2
		Day 29	2020-06-29 07:55 (29)	0.45		0 - 1.2
		Day 57	2020-07-27 07:25 (29)	0.56		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-27 09:34 (-5)	9.4		0 - 11
		Day 29	2020-06-29 07:55 (29)	7.5		0 - 11
		Day 57	2020-07-27 07:25 (29)	9.2		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011028	Neutrophils (10^9/L)	Screening	2020-05-27 09:34 (-5)	3.94		1.7 - 7.9
		Day 29	2020-06-29 07:55 (29)	3.82		1.7 - 7.9
		Day 57	2020-07-27 07:25 (29)	3.65		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-27 09:34 (-5)	63.5		34 - 71
		Day 29	2020-06-29 07:55 (29)	63.9		34 - 71
		Day 57	2020-07-27 07:25 (29)	60.2		34 - 71
	Platelets (10^9/L)	Screening	2020-05-27 09:34 (-5)	258		163 - 375
		Day 29	2020-06-29 07:55 (29)	269		163 - 375
		Day 57	2020-07-27 07:25 (29)	267		163 - 375
US2011113	Basophils (10^9/L)	Screening	2020-06-12 11:19 (-20)	0.06		0 - 0.3
		Day 29	2020-07-30 11:46 (29)	0.05		0 - 0.3
		Day 57	2020-08-31 09:50 (33)	0.05		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011113	Basophils/Leukocytes (%)	Screening	2020-06-12 11:19 (-20)	0.9		0 - 3
		Day 29	2020-07-30 11:46 (29)	0.8		0 - 3
		Day 57	2020-08-31 09:50 (33)	0.9		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-12 11:19 (-20)	0.16		0 - 0.8
		Day 29	2020-07-30 11:46 (29)	0.09		0 - 0.8
		Day 57	2020-08-31 09:50 (33)	0.20		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-12 11:19 (-20)	2.5		0 - 7
		Day 29	2020-07-30 11:46 (29)	1.4		0 - 7
		Day 57	2020-08-31 09:50 (33)	3.6		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-12 11:19 (-20)	4.89		3.7 - 5.2
		Day 29	2020-07-30 11:46 (29)	5.22 (H)		3.7 - 5.2
		Day 57	2020-08-31 09:50 (33)	4.90		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011113	Hematocrit (L/L)	Screening	2020-06-12 11:19 (-20)	0.484 (H)		0.33 - 0.47
		Day 29	2020-07-30 11:46 (29)	0.507 (H)		0.33 - 0.47
		Day 57	2020-08-31 09:50 (33)	0.487 (H)		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-12 11:19 (-20)	153		110 - 155
		Day 29	2020-07-30 11:46 (29)	159 (H)		110 - 155
		Day 57	2020-08-31 09:50 (33)	148	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-12 11:19 (-20)	<0.03		0 - 0.07
		Day 29	2020-07-30 11:46 (29)	<0.03		0 - 0.07
		Day 57	2020-08-31 09:50 (33)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-12 11:19 (-20)	0.2		0 - 1
		Day 29	2020-07-30 11:46 (29)	0.2		0 - 1
		Day 57	2020-08-31 09:50 (33)	0.2		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011113	Leukocytes (10^9/L)	Screening	2020-06-12 11:19 (-20)	6.41		3.7 - 11
		Day 29	2020-07-30 11:46 (29)	6.21		3.7 - 11
		Day 57	2020-08-31 09:50 (33)	5.50		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-12 11:19 (-20)	2.15		0.9 - 3.6
		Day 29	2020-07-30 11:46 (29)	1.75		0.9 - 3.6
		Day 57	2020-08-31 09:50 (33)	1.89		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-12 11:19 (-20)	33.5		12 - 46
		Day 29	2020-07-30 11:46 (29)	28.2		12 - 46
		Day 57	2020-08-31 09:50 (33)	34.4		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-12 11:19 (-20)	0.40		0 - 1.2
		Day 29	2020-07-30 11:46 (29)	0.34		0 - 1.2
		Day 57	2020-08-31 09:50 (33)	0.34		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011113	Monocytes/Leukocytes (%)	Screening	2020-06-12 11:19 (-20)	6.2		0 - 11
		Day 29	2020-07-30 11:46 (29)	5.5		0 - 11
		Day 57	2020-08-31 09:50 (33)	6.2		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-12 11:19 (-20)	3.63		1.7 - 7.9
		Day 29	2020-07-30 11:46 (29)	3.97		1.7 - 7.9
		Day 57	2020-08-31 09:50 (33)	3.01		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-12 11:19 (-20)	56.7		34 - 71
		Day 29	2020-07-30 11:46 (29)	63.9		34 - 71
		Day 57	2020-08-31 09:50 (33)	54.7		34 - 71
	Platelets (10^9/L)	Screening	2020-06-12 11:19 (-20)	216		163 - 375
		Day 29	2020-07-30 11:46 (29)	198		163 - 375
		Day 57	2020-08-31 09:50 (33)	226		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011118	Basophils (10^9/L)	Screening	2020-06-12 16:05 (-14)	<0.03		0 - 0.3
		Day 29	2020-07-24 07:37 (29)	0.03		0 - 0.3
		Day 57	2020-08-21 18:19 (29)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-12 16:05 (-14)	0.3		0 - 3
		Day 29	2020-07-24 07:37 (29)	0.7		0 - 3
		Day 57	2020-08-21 18:19 (29)	0.7		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-12 16:05 (-14)	0.12		0 - 0.8
		Day 29	2020-07-24 07:37 (29)	0.16		0 - 0.8
		Day 57	2020-08-21 18:19 (29)	0.19		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-12 16:05 (-14)	2.0		0 - 7
		Day 29	2020-07-24 07:37 (29)	3.5		0 - 7
		Day 57	2020-08-21 18:19 (29)	3.2		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011118	Erythrocytes (10^12/L)	Screening	2020-06-12 16:05 (-14)	3.90		3.7 - 5.2
		Day 29	2020-07-24 07:37 (29)	3.71		3.7 - 5.2
		Day 57	2020-08-21 18:19 (29)	3.59 (L)		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-12 16:05 (-14)	0.387		0.33 - 0.47
		Day 29	2020-07-24 07:37 (29)	0.387		0.33 - 0.47
		Day 57	2020-08-21 18:19 (29)	0.356		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-12 16:05 (-14)	119	G1 Hemoglobin Decreased	110 - 155
		Day 29	2020-07-24 07:37 (29)	114	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-21 18:19 (29)	109 (L)	G2 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-12 16:05 (-14)	<0.03		0 - 0.07
		Day 29	2020-07-24 07:37 (29)	<0.03		0 - 0.07
		Day 57	2020-08-21 18:19 (29)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011118	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-12 16:05 (-14)	0.2		0 - 1
		Day 29	2020-07-24 07:37 (29)	0.2		0 - 1
		Day 57	2020-08-21 18:19 (29)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-12 16:05 (-14)	6.11		3.7 - 11
		Day 29	2020-07-24 07:37 (29)	4.59		3.7 - 11
		Day 57	2020-08-21 18:19 (29)	6.03		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-12 16:05 (-14)	2.09		0.9 - 3.6
		Day 29	2020-07-24 07:37 (29)	1.68		0.9 - 3.6
		Day 57	2020-08-21 18:19 (29)	2.49		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-12 16:05 (-14)	34.2		12 - 46
		Day 29	2020-07-24 07:37 (29)	36.6		12 - 46
		Day 57	2020-08-21 18:19 (29)	41.3		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011118	Monocytes (10^9/L)	Screening	2020-06-12 16:05 (-14)	0.49		0 - 1.2
		Day 29	2020-07-24 07:37 (29)	0.39		0 - 1.2
		Day 57	2020-08-21 18:19 (29)	0.54		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-12 16:05 (-14)	8.0		0 - 11
		Day 29	2020-07-24 07:37 (29)	8.5		0 - 11
		Day 57	2020-08-21 18:19 (29)	9.0		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-12 16:05 (-14)	3.38		1.7 - 7.9
		Day 29	2020-07-24 07:37 (29)	2.32		1.7 - 7.9
		Day 57	2020-08-21 18:19 (29)	2.76		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-12 16:05 (-14)	55.3		34 - 71
		Day 29	2020-07-24 07:37 (29)	50.5		34 - 71
		Day 57	2020-08-21 18:19 (29)	45.6		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011118	Platelets (10^9/L)	Screening	2020-06-12 16:05 (-14)	224		163 - 375
		Day 29	2020-07-24 07:37 (29)	249		163 - 375
		Day 57	2020-08-21 18:19 (29)	279		163 - 375
US2011121	Basophils (10^9/L)	Screening	2020-06-15 14:13 (-17)	0.05		0 - 0.3
		Day 29	2020-07-30 14:12 (29)	0.07		0 - 0.3
		Day 57	2020-08-28 10:19 (30)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-15 14:13 (-17)	0.8		0 - 3
		Day 29	2020-07-30 14:12 (29)	1.0		0 - 3
		Day 57	2020-08-28 10:19 (30)	0.7		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-15 14:13 (-17)	0.19		0 - 0.8
		Day 29	2020-07-30 14:12 (29)	0.20		0 - 0.8
		Day 57	2020-08-28 10:19 (30)	0.22		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011121	Eosinophils/Leukocytes (%)	Screening	2020-06-15 14:13 (-17)	3.1		0 - 7
		Day 29	2020-07-30 14:12 (29)	2.8		0 - 7
		Day 57	2020-08-28 10:19 (30)	3.9		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-15 14:13 (-17)	4.72		3.7 - 5.2
		Day 29	2020-07-30 14:12 (29)	4.96		3.7 - 5.2
		Day 57	2020-08-28 10:19 (30)	5.02		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-15 14:13 (-17)	0.442		0.33 - 0.47
		Day 29	2020-07-30 14:12 (29)	0.464		0.33 - 0.47
		Day 57	2020-08-28 10:19 (30)	0.487 (H)		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-15 14:13 (-17)	135		110 - 155
		Day 29	2020-07-30 14:12 (29)	142		110 - 155
		Day 57	2020-08-28 10:19 (30)	144		110 - 155

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011121	Immature Granulocytes (10^9/L)	Screening	2020-06-15 14:13 (-17)	<0.03		0 - 0.07
		Day 29	2020-07-30 14:12 (29)	<0.03		0 - 0.07
		Day 57	2020-08-28 10:19 (30)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-15 14:13 (-17)	0.2		0 - 1
		Day 29	2020-07-30 14:12 (29)	0.3		0 - 1
		Day 57	2020-08-28 10:19 (30)	0.4		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-15 14:13 (-17)	6.20		3.7 - 11
		Day 29	2020-07-30 14:12 (29)	7.15		3.7 - 11
		Day 57	2020-08-28 10:19 (30)	5.65		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-15 14:13 (-17)	2.11		0.9 - 3.6
		Day 29	2020-07-30 14:12 (29)	1.73		0.9 - 3.6
		Day 57	2020-08-28 10:19 (30)	1.84		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011121	Lymphocytes/Leukocytes (%)	Screening	2020-06-15 14:13 (-17)	34.0		12 - 46
		Day 29	2020-07-30 14:12 (29)	24.2		12 - 46
		Day 57	2020-08-28 10:19 (30)	32.6		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-15 14:13 (-17)	0.52		0 - 1.2
		Day 29	2020-07-30 14:12 (29)	0.50		0 - 1.2
		Day 57	2020-08-28 10:19 (30)	0.51		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-15 14:13 (-17)	8.4		0 - 11
		Day 29	2020-07-30 14:12 (29)	7.0		0 - 11
		Day 57	2020-08-28 10:19 (30)	9.0		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-15 14:13 (-17)	3.32		1.7 - 7.9
		Day 29	2020-07-30 14:12 (29)	4.63		1.7 - 7.9
		Day 57	2020-08-28 10:19 (30)	3.02		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011121	Neutrophils/Leukocytes (%)	Screening	2020-06-15 14:13 (-17)	53.5		34 - 71
		Day 29	2020-07-30 14:12 (29)	64.7		34 - 71
		Day 57	2020-08-28 10:19 (30)	53.4		34 - 71
	Platelets (10^9/L)	Screening	2020-06-15 14:13 (-17)	183		163 - 375
		Day 29	2020-07-30 14:12 (29)	192		163 - 375
		Day 57	2020-08-28 10:19 (30)	182		163 - 375
US2011122	Basophils (10^9/L)	Screening	2020-06-16 15:05 (-10)	0.05		0 - 0.3
		Day 29	2020-07-24 07:25 (29)	0.04		0 - 0.3
		Day 57	2020-08-21 08:34 (29)	0.06		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-16 15:05 (-10)	0.7		0 - 3
		Day 29	2020-07-24 07:25 (29)	0.7		0 - 3
		Day 57	2020-08-21 08:34 (29)	0.8		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011122	Eosinophils (10^9/L)	Screening	2020-06-16 15:05 (-10)	0.25		0 - 0.8
		Day 29	2020-07-24 07:25 (29)	0.47		0 - 0.8
		Day 57	2020-08-21 08:34 (29)	0.36		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-16 15:05 (-10)	3.3		0 - 7
		Day 29	2020-07-24 07:25 (29)	8.2 (H)		0 - 7
		Day 57	2020-08-21 08:34 (29)	4.8		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-16 15:05 (-10)	4.57		3.7 - 5.2
		Day 29	2020-07-24 07:25 (29)	4.67		3.7 - 5.2
		Day 57	2020-08-21 08:34 (29)	4.89		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-16 15:05 (-10)	0.453		0.33 - 0.47
		Day 29	2020-07-24 07:25 (29)	0.463		0.33 - 0.47
		Day 57	2020-08-21 08:34 (29)	0.489 (H)		0.33 - 0.47

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011122	Hemoglobin (g/L)	Screening	2020-06-16 15:05 (-10)	141		110 - 155
		Day 29	2020-07-24 07:25 (29)	140	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-21 08:34 (29)	150		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-16 15:05 (-10)	0.04		0 - 0.07
		Day 29	2020-07-24 07:25 (29)	<0.03		0 - 0.07
		Day 57	2020-08-21 08:34 (29)	0.05		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-16 15:05 (-10)	0.5		0 - 1
		Day 29	2020-07-24 07:25 (29)	0.2		0 - 1
		Day 57	2020-08-21 08:34 (29)	0.7		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-16 15:05 (-10)	7.51		3.7 - 11
		Day 29	2020-07-24 07:25 (29)	5.74		3.7 - 11
		Day 57	2020-08-21 08:34 (29)	7.54		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011122	Lymphocytes (10^9/L)	Screening	2020-06-16 15:05 (-10)	1.71		0.9 - 3.6
		Day 29	2020-07-24 07:25 (29)	1.49		0.9 - 3.6
		Day 57	2020-08-21 08:34 (29)	1.62		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-16 15:05 (-10)	22.8		12 - 46
		Day 29	2020-07-24 07:25 (29)	26.0		12 - 46
		Day 57	2020-08-21 08:34 (29)	21.5		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-16 15:05 (-10)	0.98		0 - 1.2
		Day 29	2020-07-24 07:25 (29)	0.55		0 - 1.2
		Day 57	2020-08-21 08:34 (29)	0.70		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-16 15:05 (-10)	13.0 (H)		0 - 11
		Day 29	2020-07-24 07:25 (29)	9.6		0 - 11
		Day 57	2020-08-21 08:34 (29)	9.3		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011122	Neutrophils (10^9/L)	Screening	2020-06-16 15:05 (-10)	4.48		1.7 - 7.9
		Day 29	2020-07-24 07:25 (29)	3.18		1.7 - 7.9
		Day 57	2020-08-21 08:34 (29)	4.75		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-16 15:05 (-10)	59.7		34 - 71
		Day 29	2020-07-24 07:25 (29)	55.3		34 - 71
		Day 57	2020-08-21 08:34 (29)	62.9		34 - 71
	Platelets (10^9/L)	Screening	2020-06-16 15:05 (-10)	333		163 - 375
		Day 29	2020-07-24 07:25 (29)	325		163 - 375
		Day 57	2020-08-21 08:34 (29)	529 (H)		163 - 375
US2011128	Basophils (10^9/L)	Screening	2020-06-18 11:51 (-12)	0.03		0 - 0.3
		Day 29	2020-07-29 10:20 (30)	0.03		0 - 0.3
		Day 57	2020-08-26 11:45 (29)	0.03		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011128	Basophils/Leukocytes (%)	Screening	2020-06-18 11:51 (-12)	0.5		0 - 3
		Day 29	2020-07-29 10:20 (30)	0.4		0 - 3
		Day 57	2020-08-26 11:45 (29)	0.5		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-18 11:51 (-12)	0.17		0 - 0.8
		Day 29	2020-07-29 10:20 (30)	0.10		0 - 0.8
		Day 57	2020-08-26 11:45 (29)	0.15		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-18 11:51 (-12)	2.9		0 - 7
		Day 29	2020-07-29 10:20 (30)	1.4		0 - 7
		Day 57	2020-08-26 11:45 (29)	2.7		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-18 11:51 (-12)	4.82		3.7 - 5.2
		Day 29	2020-07-29 10:20 (30)	4.61		3.7 - 5.2
		Day 57	2020-08-26 11:45 (29)	4.63		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011128	Hematocrit (L/L)	Screening	2020-06-18 11:51 (-12)	0.486 (H)		0.33 - 0.47
		Day 29	2020-07-29 10:20 (30)	0.466		0.33 - 0.47
		Day 57	2020-08-26 11:45 (29)	0.461		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-18 11:51 (-12)	148		110 - 155
		Day 29	2020-07-29 10:20 (30)	142	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-26 11:45 (29)	142	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-18 11:51 (-12)	<0.03		0 - 0.07
		Day 29	2020-07-29 10:20 (30)	<0.03		0 - 0.07
		Day 57	2020-08-26 11:45 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-18 11:51 (-12)	0.3		0 - 1
		Day 29	2020-07-29 10:20 (30)	0.1		0 - 1
		Day 57	2020-08-26 11:45 (29)	0.4		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011128	Leukocytes (10^9/L)	Screening	2020-06-18 11:51 (-12)	5.84		3.7 - 11
		Day 29	2020-07-29 10:20 (30)	7.38		3.7 - 11
		Day 57	2020-08-26 11:45 (29)	5.46		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-18 11:51 (-12)	1.17		0.9 - 3.6
		Day 29	2020-07-29 10:20 (30)	0.96	G1 Lymphocytes Decreased	0.9 - 3.6
		Day 57	2020-08-26 11:45 (29)	1.20		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-18 11:51 (-12)	20.0		12 - 46
		Day 29	2020-07-29 10:20 (30)	13.0		12 - 46
		Day 57	2020-08-26 11:45 (29)	22.0		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-18 11:51 (-12)	0.42		0 - 1.2
		Day 29	2020-07-29 10:20 (30)	0.37		0 - 1.2
		Day 57	2020-08-26 11:45 (29)	0.33		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011128	Monocytes/Leukocytes (%)	Screening	2020-06-18 11:51 (-12)	7.2		0 - 11
		Day 29	2020-07-29 10:20 (30)	5.0		0 - 11
		Day 57	2020-08-26 11:45 (29)	6.0		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-18 11:51 (-12)	4.03		1.7 - 7.9
		Day 29	2020-07-29 10:20 (30)	5.91		1.7 - 7.9
		Day 57	2020-08-26 11:45 (29)	3.73		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-18 11:51 (-12)	69.1		34 - 71
		Day 29	2020-07-29 10:20 (30)	80.1 (H)		34 - 71
		Day 57	2020-08-26 11:45 (29)	68.4		34 - 71
	Platelets (10^9/L)	Screening	2020-06-18 11:51 (-12)	294		163 - 375
		Day 29	2020-07-29 10:20 (30)	270		163 - 375
		Day 57	2020-08-26 11:45 (29)	270		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011139	Basophils (10^9/L)	Screening	2020-06-22 12:02 (-4)	0.05		0 - 0.3
		Day 29	2020-07-24 11:30 (29)	0.04		0 - 0.3
		Day 57	2020-08-21 11:46 (29)	0.05		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-22 12:02 (-4)	1.0		0 - 3
		Day 29	2020-07-24 11:30 (29)	0.7		0 - 3
		Day 57	2020-08-21 11:46 (29)	0.9		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-22 12:02 (-4)	0.15		0 - 0.8
		Day 29	2020-07-24 11:30 (29)	0.25		0 - 0.8
		Day 57	2020-08-21 11:46 (29)	0.27		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-22 12:02 (-4)	2.9		0 - 7
		Day 29	2020-07-24 11:30 (29)	4.7		0 - 7
		Day 57	2020-08-21 11:46 (29)	4.8		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011139	Erythrocytes (10^12/L)	Screening	2020-06-22 12:02 (-4)	4.81		3.7 - 5.2
		Day 29	2020-07-24 11:30 (29)	4.86		3.7 - 5.2
		Day 57	2020-08-21 11:46 (29)	4.84		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-22 12:02 (-4)	0.471 (H)		0.33 - 0.47
		Day 29	2020-07-24 11:30 (29)	0.480 (H)		0.33 - 0.47
		Day 57	2020-08-21 11:46 (29)	0.480 (H)		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-22 12:02 (-4)	146		110 - 155
		Day 29	2020-07-24 11:30 (29)	146		110 - 155
		Day 57	2020-08-21 11:46 (29)	147		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-22 12:02 (-4)	<0.03		0 - 0.07
		Day 29	2020-07-24 11:30 (29)	<0.03		0 - 0.07
		Day 57	2020-08-21 11:46 (29)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011139	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-22 12:02 (-4)	0.2		0 - 1
		Day 29	2020-07-24 11:30 (29)	0.0		0 - 1
		Day 57	2020-08-21 11:46 (29)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-22 12:02 (-4)	5.22		3.7 - 11
		Day 29	2020-07-24 11:30 (29)	5.36		3.7 - 11
		Day 57	2020-08-21 11:46 (29)	5.68		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-22 12:02 (-4)	1.17		0.9 - 3.6
		Day 29	2020-07-24 11:30 (29)	1.21		0.9 - 3.6
		Day 57	2020-08-21 11:46 (29)	1.16		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-22 12:02 (-4)	22.4		12 - 46
		Day 29	2020-07-24 11:30 (29)	22.6		12 - 46
		Day 57	2020-08-21 11:46 (29)	20.4		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011139	Monocytes (10^9/L)	Screening	2020-06-22 12:02 (-4)	0.39		0 - 1.2
		Day 29	2020-07-24 11:30 (29)	0.46		0 - 1.2
		Day 57	2020-08-21 11:46 (29)	0.45		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-22 12:02 (-4)	7.5		0 - 11
		Day 29	2020-07-24 11:30 (29)	8.6		0 - 11
		Day 57	2020-08-21 11:46 (29)	7.9		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-22 12:02 (-4)	3.45		1.7 - 7.9
		Day 29	2020-07-24 11:30 (29)	3.40		1.7 - 7.9
		Day 57	2020-08-21 11:46 (29)	3.74		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-22 12:02 (-4)	66.0		34 - 71
		Day 29	2020-07-24 11:30 (29)	63.4		34 - 71
		Day 57	2020-08-21 11:46 (29)	65.8		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011139	Platelets (10^9/L)	Screening	2020-06-22 12:02 (-4)	194		163 - 375
		Day 29	2020-07-24 11:30 (29)	194		163 - 375
		Day 57	2020-08-21 11:46 (29)	193		163 - 375
US2011149	Basophils (10^9/L)	Screening	2020-06-25 11:27 (-4)	0.04		0 - 0.3
		Day 29	2020-07-27 13:58 (29)	0.04		0 - 0.3
		Day 57	2020-08-31 07:42 (36)	0.05		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-25 11:27 (-4)	0.7		0 - 3
		Day 29	2020-07-27 13:58 (29)	0.6		0 - 3
		Day 57	2020-08-31 07:42 (36)	0.8		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-25 11:27 (-4)	0.19		0 - 0.8
		Day 29	2020-07-27 13:58 (29)	0.16		0 - 0.8
		Day 57	2020-08-31 07:42 (36)	0.17		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011149	Eosinophils/Leukocytes (%)	Screening	2020-06-25 11:27 (-4)	3.2		0 - 7
		Day 29	2020-07-27 13:58 (29)	2.5		0 - 7
		Day 57	2020-08-31 07:42 (36)	2.7		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-25 11:27 (-4)	4.23		3.7 - 5.2
		Day 29	2020-07-27 13:58 (29)	4.01		3.7 - 5.2
		Day 57	2020-08-31 07:42 (36)	4.17		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-25 11:27 (-4)	0.417		0.33 - 0.47
		Day 29	2020-07-27 13:58 (29)	0.388		0.33 - 0.47
		Day 57	2020-08-31 07:42 (36)	0.417		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-25 11:27 (-4)	126		110 - 155
		Day 29	2020-07-27 13:58 (29)	119	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-31 07:42 (36)	122	G1 Hemoglobin Decreased	110 - 155

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011149	Immature Granulocytes (10^9/L)	Screening	2020-06-25 11:27 (-4)	<0.03		0 - 0.07
		Day 29	2020-07-27 13:58 (29)	<0.03		0 - 0.07
		Day 57	2020-08-31 07:42 (36)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-25 11:27 (-4)	0.2		0 - 1
		Day 29	2020-07-27 13:58 (29)	0.2		0 - 1
		Day 57	2020-08-31 07:42 (36)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-25 11:27 (-4)	5.90		3.7 - 11
		Day 29	2020-07-27 13:58 (29)	6.32		3.7 - 11
		Day 57	2020-08-31 07:42 (36)	6.37		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-25 11:27 (-4)	2.00		0.9 - 3.6
		Day 29	2020-07-27 13:58 (29)	2.28		0.9 - 3.6
		Day 57	2020-08-31 07:42 (36)	2.19		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011149	Lymphocytes/Leukocytes (%)	Screening	2020-06-25 11:27 (-4)	33.9		12 - 46
		Day 29	2020-07-27 13:58 (29)	36.1		12 - 46
		Day 57	2020-08-31 07:42 (36)	34.4		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-25 11:27 (-4)	0.54		0 - 1.2
		Day 29	2020-07-27 13:58 (29)	0.62		0 - 1.2
		Day 57	2020-08-31 07:42 (36)	0.62		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-25 11:27 (-4)	9.2		0 - 11
		Day 29	2020-07-27 13:58 (29)	9.8		0 - 11
		Day 57	2020-08-31 07:42 (36)	9.7		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-25 11:27 (-4)	3.12		1.7 - 7.9
		Day 29	2020-07-27 13:58 (29)	3.21		1.7 - 7.9
		Day 57	2020-08-31 07:42 (36)	3.32		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011149	Neutrophils/Leukocytes (%)	Screening	2020-06-25 11:27 (-4)	52.8		34 - 71
		Day 29	2020-07-27 13:58 (29)	50.8		34 - 71
		Day 57	2020-08-31 07:42 (36)	52.1		34 - 71
	Platelets (10^9/L)	Screening	2020-06-25 11:27 (-4)	239		163 - 375
		Day 29	2020-07-27 13:58 (29)	214		163 - 375
		Day 57	2020-08-31 07:42 (36)	223		163 - 375
US2011159	Basophils (10^9/L)	Screening	2020-06-30 13:50 (-2)	0.05		0 - 0.3
		Day 29	2020-07-30 11:56 (29)	0.05		0 - 0.3
		Day 57	2020-08-27 12:20 (29)	0.07		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-30 13:50 (-2)	0.9		0 - 3
		Day 29	2020-07-30 11:56 (29)	1.1		0 - 3
		Day 57	2020-08-27 12:20 (29)	1.3		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011159	Eosinophils (10^9/L)	Screening	2020-06-30 13:50 (-2)	0.13		0 - 0.8
		Day 29	2020-07-30 11:56 (29)	0.14		0 - 0.8
		Day 57	2020-08-27 12:20 (29)	0.26		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-30 13:50 (-2)	2.5		0 - 7
		Day 29	2020-07-30 11:56 (29)	2.9		0 - 7
		Day 57	2020-08-27 12:20 (29)	4.8		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-30 13:50 (-2)	4.50		3.7 - 5.2
		Day 29	2020-07-30 11:56 (29)	4.89		3.7 - 5.2
		Day 57	2020-08-27 12:20 (29)	4.68		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-30 13:50 (-2)	0.444		0.33 - 0.47
		Day 29	2020-07-30 11:56 (29)	0.489 (H)		0.33 - 0.47
		Day 57	2020-08-27 12:20 (29)	0.475 (H)		0.33 - 0.47

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011159	Hemoglobin (g/L)	Screening	2020-06-30 13:50 (-2)	140		110 - 155
		Day 29	2020-07-30 11:56 (29)	149		110 - 155
		Day 57	2020-08-27 12:20 (29)	146		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-30 13:50 (-2)	<0.03		0 - 0.07
		Day 29	2020-07-30 11:56 (29)	<0.03		0 - 0.07
		Day 57	2020-08-27 12:20 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-30 13:50 (-2)	0.2		0 - 1
		Day 29	2020-07-30 11:56 (29)	0.4		0 - 1
		Day 57	2020-08-27 12:20 (29)	0.4		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-30 13:50 (-2)	5.30		3.7 - 11
		Day 29	2020-07-30 11:56 (29)	4.75		3.7 - 11
		Day 57	2020-08-27 12:20 (29)	5.40		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011159	Lymphocytes (10^9/L)	Screening	2020-06-30 13:50 (-2)	1.09		0.9 - 3.6
		Day 29	2020-07-30 11:56 (29)	1.14		0.9 - 3.6
		Day 57	2020-08-27 12:20 (29)	1.32		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-30 13:50 (-2)	20.6		12 - 46
		Day 29	2020-07-30 11:56 (29)	24.0		12 - 46
		Day 57	2020-08-27 12:20 (29)	24.4		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-30 13:50 (-2)	0.42		0 - 1.2
		Day 29	2020-07-30 11:56 (29)	0.44		0 - 1.2
		Day 57	2020-08-27 12:20 (29)	0.45		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-30 13:50 (-2)	7.9		0 - 11
		Day 29	2020-07-30 11:56 (29)	9.3		0 - 11
		Day 57	2020-08-27 12:20 (29)	8.3		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011159	Neutrophils (10^9/L)	Screening	2020-06-30 13:50 (-2)	3.60		1.7 - 7.9
		Day 29	2020-07-30 11:56 (29)	2.96		1.7 - 7.9
		Day 57	2020-08-27 12:20 (29)	3.28		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-30 13:50 (-2)	67.9		34 - 71
		Day 29	2020-07-30 11:56 (29)	62.3		34 - 71
		Day 57	2020-08-27 12:20 (29)	60.8		34 - 71
	Platelets (10^9/L)	Screening	2020-06-30 13:50 (-2)	205		163 - 375
		Day 29	2020-07-30 11:56 (29)	224		163 - 375
		Day 57	2020-08-27 12:20 (29)	199		163 - 375
US2011162	Basophils (10^9/L)	Screening	2020-07-01 16:28 (-5)	0.05		0 - 0.3
		Day 29	2020-08-03 16:18 (29)	0.06		0 - 0.3
		Day 57	2020-08-31 16:46 (29)	0.08		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011162	Basophils/Leukocytes (%)	Screening	2020-07-01 16:28 (-5)	0.7		0 - 3
		Day 29	2020-08-03 16:18 (29)	0.8		0 - 3
		Day 57	2020-08-31 16:46 (29)	1.0		0 - 3
	Eosinophils (10^9/L)	Screening	2020-07-01 16:28 (-5)	0.17		0 - 0.8
		Day 29	2020-08-03 16:18 (29)	0.22		0 - 0.8
		Day 57	2020-08-31 16:46 (29)	0.55		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-07-01 16:28 (-5)	2.2		0 - 7
		Day 29	2020-08-03 16:18 (29)	3.1		0 - 7
		Day 57	2020-08-31 16:46 (29)	6.6		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-07-01 16:28 (-5)	4.95		3.7 - 5.2
		Day 29	2020-08-03 16:18 (29)	4.54		3.7 - 5.2
		Day 57	2020-08-31 16:46 (29)	4.42		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011162	Hematocrit (L/L)	Screening	2020-07-01 16:28 (-5)	0.465		0.33 - 0.47
		Day 29	2020-08-03 16:18 (29)	0.424		0.33 - 0.47
		Day 57	2020-08-31 16:46 (29)	0.425		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-07-01 16:28 (-5)	142		110 - 155
		Day 29	2020-08-03 16:18 (29)	131	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-31 16:46 (29)	127	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-07-01 16:28 (-5)	<0.03		0 - 0.07
		Day 29	2020-08-03 16:18 (29)	<0.03		0 - 0.07
		Day 57	2020-08-31 16:46 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-07-01 16:28 (-5)	0.3		0 - 1
		Day 29	2020-08-03 16:18 (29)	0.1		0 - 1
		Day 57	2020-08-31 16:46 (29)	0.1		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011162	Leukocytes (10^9/L)	Screening	2020-07-01 16:28 (-5)	7.57		3.7 - 11
		Day 29	2020-08-03 16:18 (29)	7.13		3.7 - 11
		Day 57	2020-08-31 16:46 (29)	8.35		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-07-01 16:28 (-5)	2.39		0.9 - 3.6
		Day 29	2020-08-03 16:18 (29)	2.15		0.9 - 3.6
		Day 57	2020-08-31 16:46 (29)	2.51		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-07-01 16:28 (-5)	31.6		12 - 46
		Day 29	2020-08-03 16:18 (29)	30.2		12 - 46
		Day 57	2020-08-31 16:46 (29)	30.1		12 - 46
	Monocytes (10^9/L)	Screening	2020-07-01 16:28 (-5)	0.44		0 - 1.2
		Day 29	2020-08-03 16:18 (29)	0.39		0 - 1.2
		Day 57	2020-08-31 16:46 (29)	0.48		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011162	Monocytes/Leukocytes (%)	Screening	2020-07-01 16:28 (-5)	5.8		0 - 11
		Day 29	2020-08-03 16:18 (29)	5.5		0 - 11
		Day 57	2020-08-31 16:46 (29)	5.7		0 - 11
	Neutrophils (10^9/L)	Screening	2020-07-01 16:28 (-5)	4.50		1.7 - 7.9
		Day 29	2020-08-03 16:18 (29)	4.30		1.7 - 7.9
		Day 57	2020-08-31 16:46 (29)	4.72		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-07-01 16:28 (-5)	59.4		34 - 71
		Day 29	2020-08-03 16:18 (29)	60.3		34 - 71
		Day 57	2020-08-31 16:46 (29)	56.5		34 - 71
	Platelets (10^9/L)	Screening	2020-07-01 16:28 (-5)	372		163 - 375
		Day 29	2020-08-03 16:18 (29)	357		163 - 375
		Day 57	2020-08-31 16:46 (29)	311		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021003	Basophils (10^9/L)	Screening	2020-05-26 10:10 (-3)	0.07		0 - 0.3
		Day 29	2020-06-30 08:37 (33)	0.06		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-26 10:10 (-3)	0.8		0 - 3
		Day 29	2020-06-30 08:37 (33)	1.0		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-26 10:10 (-3)	0.04		0 - 0.8
		Day 29	2020-06-30 08:37 (33)	0.03		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-26 10:10 (-3)	0.5		0 - 7
		Day 29	2020-06-30 08:37 (33)	0.5		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-26 10:10 (-3)	5.49		4.63 - 6.08
		Day 29	2020-06-30 08:37 (33)	5.20		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-05-26 10:10 (-3)	0.552 (H)		0.37 - 0.51
		Day 29	2020-06-30 08:37 (33)	0.549 (H)		0.37 - 0.51

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021003	Hemoglobin (g/L)	Screening	2020-05-26 10:10 (-3)	173 (H)		125 - 170
		Day 29	2020-06-30 08:37 (33)	168	G1 Hemoglobin Decreased	125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-05-26 10:10 (-3)	0.12 (H)		0 - 0.07
		Day 29	2020-06-30 08:37 (33)	0.12 (H)		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-26 10:10 (-3)	1.5 (H)		0 - 1
		Day 29	2020-06-30 08:37 (33)	2.1 (H)		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-26 10:10 (-3)	8.26		3.7 - 11
		Day 29	2020-06-30 08:37 (33)	5.72		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-26 10:10 (-3)	1.61		0.9 - 3.6
		Day 29	2020-06-30 08:37 (33)	1.05		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-26 10:10 (-3)	19.5		12 - 46
		Day 29	2020-06-30 08:37 (33)	18.4		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021003	Monocytes (10^9/L)	Screening	2020-05-26 10:10 (-3)	0.74		0 - 1.2
		Day 29	2020-06-30 08:37 (33)	0.56		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-26 10:10 (-3)	9.0		0 - 11
		Day 29	2020-06-30 08:37 (33)	9.8		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-26 10:10 (-3)	5.68		1.7 - 7.9
		Day 29	2020-06-30 08:37 (33)	3.90		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-26 10:10 (-3)	68.7		34 - 71
		Day 29	2020-06-30 08:37 (33)	68.2		34 - 71
	Platelets (10^9/L)	Screening	2020-05-26 10:10 (-3)	208		163 - 375
		Day 29	2020-06-30 08:37 (33)	180		163 - 375
US2021007	Basophils (10^9/L)	Screening	2020-05-26 10:48 (-6)	0.06		0 - 0.3
		Day 29	2020-06-29 09:13 (29)	0.04		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021007	Basophils/Leukocytes (%)	Screening	2020-05-26 10:48 (-6)	1.1		0 - 3
		Day 29	2020-06-29 09:13 (29)	0.8		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-26 10:48 (-6)	0.25		0 - 0.8
		Day 29	2020-06-29 09:13 (29)	0.22		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-26 10:48 (-6)	4.6		0 - 7
		Day 29	2020-06-29 09:13 (29)	4.3		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-26 10:48 (-6)	3.88		3.7 - 5.2
		Day 29	2020-06-29 09:13 (29)	3.68 (L)		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-26 10:48 (-6)	0.384		0.33 - 0.47
		Day 29	2020-06-29 09:13 (29)	0.371		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-26 10:48 (-6)	117	G1 Hemoglobin Decreased	110 - 155
		Day 29	2020-06-29 09:13 (29)	111	G1 Hemoglobin Decreased	110 - 155

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021007	Immature Granulocytes (10^9/L)	Screening	2020-05-26 10:48 (-6)	<0.03		0 - 0.07
		Day 29	2020-06-29 09:13 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-26 10:48 (-6)	0.2		0 - 1
		Day 29	2020-06-29 09:13 (29)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-26 10:48 (-6)	5.41		3.7 - 11
		Day 29	2020-06-29 09:13 (29)	5.17		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-26 10:48 (-6)	1.53		0.9 - 3.6
		Day 29	2020-06-29 09:13 (29)	1.37		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-26 10:48 (-6)	28.3		12 - 46
		Day 29	2020-06-29 09:13 (29)	26.5		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-26 10:48 (-6)	0.38		0 - 1.2
		Day 29	2020-06-29 09:13 (29)	0.31		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021007	Monocytes/Leukocytes (%)	Screening	2020-05-26 10:48 (-6)	7.0		0 - 11
		Day 29	2020-06-29 09:13 (29)	6.0		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-26 10:48 (-6)	3.18		1.7 - 7.9
		Day 29	2020-06-29 09:13 (29)	3.22		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-26 10:48 (-6)	58.8		34 - 71
		Day 29	2020-06-29 09:13 (29)	62.2		34 - 71
	Platelets (10^9/L)	Screening	2020-05-26 10:48 (-6)	283		163 - 375
		Day 29	2020-06-29 09:13 (29)	266		163 - 375
US2021011	Basophils (10^9/L)	Screening	2020-05-26 11:46 (-3)	0.05		0 - 0.3
		Day 29	2020-06-26 09:23 (29)	0.07		0 - 0.3
		Day 57	2020-07-21 10:58 (26)	0.05		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-26 11:46 (-3)	0.7		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021011	Basophils/Leukocytes (%)	Day 29	2020-06-26 09:23 (29)	1.0		0 - 3
		Day 57	2020-07-21 10:58 (26)	0.7		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-26 11:46 (-3)	0.09		0 - 0.8
		Day 29	2020-06-26 09:23 (29)	0.11		0 - 0.8
		Day 57	2020-07-21 10:58 (26)	0.14		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-26 11:46 (-3)	1.2		0 - 7
		Day 29	2020-06-26 09:23 (29)	1.6		0 - 7
		Day 57	2020-07-21 10:58 (26)	1.9		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-26 11:46 (-3)	5.35		4.63 - 6.08
		Day 29	2020-06-26 09:23 (29)	5.19		4.63 - 6.08
		Day 57	2020-07-21 10:58 (26)	5.13		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-05-26 11:46 (-3)	0.531 (H)		0.37 - 0.51

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021011	Hematocrit (L/L)	Day 29	2020-06-26 09:23 (29)	0.529 (H)		0.37 - 0.51
		Day 57	2020-07-21 10:58 (26)	0.542 (H)		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-05-26 11:46 (-3)	169		125 - 170
		Day 29	2020-06-26 09:23 (29)	166	G1 Hemoglobin Decreased	125 - 170
		Day 57	2020-07-21 10:58 (26)	165	G1 Hemoglobin Decreased	125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-05-26 11:46 (-3)	0.05		0 - 0.07
		Day 29	2020-06-26 09:23 (29)	0.06		0 - 0.07
		Day 57	2020-07-21 10:58 (26)	0.04		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-26 11:46 (-3)	0.7		0 - 1
		Day 29	2020-06-26 09:23 (29)	0.9		0 - 1
		Day 57	2020-07-21 10:58 (26)	0.5		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-26 11:46 (-3)	7.38		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021011	Leukocytes (10^9/L)	Day 29	2020-06-26 09:23 (29)	6.95		3.7 - 11
		Day 57	2020-07-21 10:58 (26)	7.28		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-26 11:46 (-3)	2.89		0.9 - 3.6
		Day 29	2020-06-26 09:23 (29)	2.67		0.9 - 3.6
		Day 57	2020-07-21 10:58 (26)	2.86		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-26 11:46 (-3)	39.2		12 - 46
		Day 29	2020-06-26 09:23 (29)	38.4		12 - 46
		Day 57	2020-07-21 10:58 (26)	39.3		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-26 11:46 (-3)	0.55		0 - 1.2
		Day 29	2020-06-26 09:23 (29)	0.58		0 - 1.2
		Day 57	2020-07-21 10:58 (26)	0.55		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-26 11:46 (-3)	7.5		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021011	Monocytes/Leukocytes (%)	Day 29	2020-06-26 09:23 (29)	8.3		0 - 11
		Day 57	2020-07-21 10:58 (26)	7.6		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-26 11:46 (-3)	3.75		1.7 - 7.9
		Day 29	2020-06-26 09:23 (29)	3.46		1.7 - 7.9
		Day 57	2020-07-21 10:58 (26)	3.64		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-26 11:46 (-3)	50.7		34 - 71
		Day 29	2020-06-26 09:23 (29)	49.8		34 - 71
		Day 57	2020-07-21 10:58 (26)	50.0		34 - 71
	Platelets (10^9/L)	Screening	2020-05-26 11:46 (-3)	188		163 - 375
		Day 29	2020-06-26 09:23 (29)	194		163 - 375
		Day 57	2020-07-21 10:58 (26)	184		163 - 375
US2021031	Basophils (10^9/L)	Screening	2020-05-26 17:48 (-6)	0.04		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021031	Basophils (10^9/L)	Day 29	2020-06-29 13:22 (29)	0.03		0 - 0.3
		Day 57	2020-07-27 15:28 (29)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-26 17:48 (-6)	0.8		0 - 3
		Day 29	2020-06-29 13:22 (29)	0.8		0 - 3
		Day 57	2020-07-27 15:28 (29)	0.6		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-26 17:48 (-6)	0.31		0 - 0.8
		Day 29	2020-06-29 13:22 (29)	0.24		0 - 0.8
		Day 57	2020-07-27 15:28 (29)	0.28		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-26 17:48 (-6)	5.9		0 - 7
		Day 29	2020-06-29 13:22 (29)	6.4		0 - 7
		Day 57	2020-07-27 15:28 (29)	6.0		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-26 17:48 (-6)	5.76		4.63 - 6.08

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021031	Erythrocytes (10^12/L)	Day 29	2020-06-29 13:22 (29)	4.89		4.63 - 6.08
		Day 57	2020-07-27 15:28 (29)	5.35		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-05-26 17:48 (-6)	0.596 (H)		0.37 - 0.51
		Day 29	2020-06-29 13:22 (29)	0.493		0.37 - 0.51
		Day 57	2020-07-27 15:28 (29)	0.545 (H)		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-05-26 17:48 (-6)	179 (H)		125 - 170
		Day 29	2020-06-29 13:22 (29)	153	G3 Hemoglobin Decreased	125 - 170
		Day 57	2020-07-27 15:28 (29)	168	G1 Hemoglobin Decreased	125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-05-26 17:48 (-6)	<0.03		0 - 0.07
		Day 29	2020-06-29 13:22 (29)	<0.03		0 - 0.07
		Day 57	2020-07-27 15:28 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-26 17:48 (-6)	0.2		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021031	Immature Granulocytes/Leukocytes (%)	Day 29	2020-06-29 13:22 (29)	0.3		0 - 1
		Day 57	2020-07-27 15:28 (29)	0.4		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-26 17:48 (-6)	5.24		3.7 - 11
		Day 29	2020-06-29 13:22 (29)	3.76		3.7 - 11
		Day 57	2020-07-27 15:28 (29)	4.66		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-26 17:48 (-6)	1.41		0.9 - 3.6
		Day 29	2020-06-29 13:22 (29)	1.04		0.9 - 3.6
		Day 57	2020-07-27 15:28 (29)	1.10		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-26 17:48 (-6)	26.9		12 - 46
		Day 29	2020-06-29 13:22 (29)	27.7		12 - 46
		Day 57	2020-07-27 15:28 (29)	23.6		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-26 17:48 (-6)	0.66		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021031	Monocytes (10^9/L)	Day 29	2020-06-29 13:22 (29)	0.42		0 - 1.2
		Day 57	2020-07-27 15:28 (29)	0.75		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-26 17:48 (-6)	12.6 (H)		0 - 11
		Day 29	2020-06-29 13:22 (29)	11.2 (H)		0 - 11
		Day 57	2020-07-27 15:28 (29)	16.1 (H)		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-26 17:48 (-6)	2.81		1.7 - 7.9
		Day 29	2020-06-29 13:22 (29)	2.02		1.7 - 7.9
		Day 57	2020-07-27 15:28 (29)	2.48		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-26 17:48 (-6)	53.6		34 - 71
		Day 29	2020-06-29 13:22 (29)	53.6		34 - 71
		Day 57	2020-07-27 15:28 (29)	53.3		34 - 71
	Platelets (10^9/L)	Screening	2020-05-26 17:48 (-6)	195		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021031	Platelets (10^9/L)	Day 29	2020-06-29 13:22 (29)	157 (L)		163 - 375
		Day 57	2020-07-27 15:28 (29)	168		163 - 375
US2021114	Basophils (10^9/L)	Screening	2020-05-29 09:45 (-28)	0.04		0 - 0.3
		Day 29	2020-07-29 09:42 (34)	0.03		0 - 0.3
		Day 57	2020-08-25 11:17 (28)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-29 09:45 (-28)	0.8		0 - 3
		Day 29	2020-07-29 09:42 (34)	0.6		0 - 3
		Day 57	2020-08-25 11:17 (28)	0.8		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-29 09:45 (-28)	0.07		0 - 0.8
		Day 29	2020-07-29 09:42 (34)	0.09		0 - 0.8
		Day 57	2020-08-25 11:17 (28)	0.07		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-29 09:45 (-28)	1.4		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021114	Eosinophils/Leukocytes (%)	Day 29	2020-07-29 09:42 (34)	1.7		0 - 7
		Day 57	2020-08-25 11:17 (28)	1.4		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-29 09:45 (-28)	5.13		4.63 - 6.08
		Day 29	2020-07-29 09:42 (34)	5.22		4.63 - 6.08
		Day 57	2020-08-25 11:17 (28)	5.15		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-05-29 09:45 (-28)	0.504		0.37 - 0.51
		Day 29	2020-07-29 09:42 (34)	0.502		0.37 - 0.51
		Day 57	2020-08-25 11:17 (28)	0.518 (H)		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-05-29 09:45 (-28)	154		125 - 170
		Day 29	2020-07-29 09:42 (34)	156		125 - 170
		Day 57	2020-08-25 11:17 (28)	155		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-05-29 09:45 (-28)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021114	Immature Granulocytes (10^9/L)	Day 29	2020-07-29 09:42 (34)	0.04		0 - 0.07
		Day 57	2020-08-25 11:17 (28)	0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-29 09:45 (-28)	0.4		0 - 1
		Day 29	2020-07-29 09:42 (34)	0.7		0 - 1
		Day 57	2020-08-25 11:17 (28)	0.6		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-29 09:45 (-28)	4.89		3.7 - 11
		Day 29	2020-07-29 09:42 (34)	5.44		3.7 - 11
		Day 57	2020-08-25 11:17 (28)	5.06		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-29 09:45 (-28)	1.13		0.9 - 3.6
		Day 29	2020-07-29 09:42 (34)	1.27		0.9 - 3.6
		Day 57	2020-08-25 11:17 (28)	1.51		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-29 09:45 (-28)	23.1		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021114	Lymphocytes/Leukocytes (%)	Day 29	2020-07-29 09:42 (34)	23.3		12 - 46
		Day 57	2020-08-25 11:17 (28)	29.8		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-29 09:45 (-28)	0.55		0 - 1.2
		Day 29	2020-07-29 09:42 (34)	0.58		0 - 1.2
		Day 57	2020-08-25 11:17 (28)	0.57		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-29 09:45 (-28)	11.2 (H)		0 - 11
		Day 29	2020-07-29 09:42 (34)	10.7		0 - 11
		Day 57	2020-08-25 11:17 (28)	11.3 (H)		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-29 09:45 (-28)	3.08		1.7 - 7.9
		Day 29	2020-07-29 09:42 (34)	3.43		1.7 - 7.9
		Day 57	2020-08-25 11:17 (28)	2.84		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-29 09:45 (-28)	63.1		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021114	Neutrophils/Leukocytes (%)	Day 29	2020-07-29 09:42 (34)	63.0		34 - 71
		Day 57	2020-08-25 11:17 (28)	56.1		34 - 71
	Platelets (10^9/L)	Screening	2020-05-29 09:45 (-28)	213		163 - 375
		Day 29	2020-07-29 09:42 (34)	221		163 - 375
		Day 57	2020-08-25 11:17 (28)	237		163 - 375
US2021115	Basophils (10^9/L)	Screening	2020-05-29 10:35 (-28)	0.03		0 - 0.3
		Unscheduled	2020-06-09 08:24 (-17)	<0.03		0 - 0.3
		Day 57	2020-08-28 11:01 (29)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-29 10:35 (-28)	0.8		0 - 3
		Unscheduled	2020-06-09 08:24 (-17)	0.5		0 - 3
		Day 57	2020-08-28 11:01 (29)	1.0		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-29 10:35 (-28)	0.07		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021115	Eosinophils (10^9/L)	Unscheduled	2020-06-09 08:24 (-17)	0.06		0 - 0.8
		Day 57	2020-08-28 11:01 (29)	0.04		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-29 10:35 (-28)	1.9		0 - 7
		Unscheduled	2020-06-09 08:24 (-17)	1.5		0 - 7
		Day 57	2020-08-28 11:01 (29)	1.0		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-29 10:35 (-28)	4.24		3.7 - 5.2
		Unscheduled	2020-06-09 08:24 (-17)	3.99		3.7 - 5.2
		Day 57	2020-08-28 11:01 (29)	3.91		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-29 10:35 (-28)	0.439		0.33 - 0.47
		Unscheduled	2020-06-09 08:24 (-17)	0.405		0.33 - 0.47
		Day 57	2020-08-28 11:01 (29)	0.397		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-29 10:35 (-28)	136		110 - 155

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021115	Hemoglobin (g/L)	Unscheduled	2020-06-09 08:24 (-17)	126		110 - 155
		Day 57	2020-08-28 11:01 (29)	123	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-29 10:35 (-28)	<0.03		0 - 0.07
		Unscheduled	2020-06-09 08:24 (-17)	<0.03		0 - 0.07
		Day 57	2020-08-28 11:01 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-29 10:35 (-28)	0.3		0 - 1
		Unscheduled	2020-06-09 08:24 (-17)	0.3		0 - 1
		Day 57	2020-08-28 11:01 (29)	0.0		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-29 10:35 (-28)	3.67 (L)		3.7 - 11
		Unscheduled	2020-06-09 08:24 (-17)	3.91		3.7 - 11
		Day 57	2020-08-28 11:01 (29)	3.98		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-29 10:35 (-28)	1.56		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021115	Lymphocytes (10^9/L)	Unscheduled	2020-06-09 08:24 (-17)	1.67		0.9 - 3.6
		Day 57	2020-08-28 11:01 (29)	1.86		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-29 10:35 (-28)	42.5		12 - 46
		Unscheduled	2020-06-09 08:24 (-17)	42.7		12 - 46
		Day 57	2020-08-28 11:01 (29)	46.7 (H)		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-29 10:35 (-28)	0.37		0 - 1.2
		Unscheduled	2020-06-09 08:24 (-17)	0.38		0 - 1.2
		Day 57	2020-08-28 11:01 (29)	0.41		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-29 10:35 (-28)	10.1		0 - 11
		Unscheduled	2020-06-09 08:24 (-17)	9.7		0 - 11
		Day 57	2020-08-28 11:01 (29)	10.3		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-29 10:35 (-28)	1.63 (L)	G1 Neutrophils Decreased	1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021115	Neutrophils (10^9/L)	Unscheduled	2020-06-09 08:24 (-17)	1.77	G1 Neutrophils Decreased	1.7 - 7.9
		Day 57	2020-08-28 11:01 (29)	1.63 (L)	G1 Neutrophils Decreased	1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-29 10:35 (-28)	44.4		34 - 71
		Unscheduled	2020-06-09 08:24 (-17)	45.3		34 - 71
		Day 57	2020-08-28 11:01 (29)	41.0		34 - 71
	Platelets (10^9/L)	Screening	2020-05-29 10:35 (-28)	219		163 - 375
		Unscheduled	2020-06-09 08:24 (-17)	193		163 - 375
		Day 57	2020-08-28 11:01 (29)	200		163 - 375
US2021186	Basophils (10^9/L)	Screening	2020-06-10 14:45 (-16)	0.04		0 - 0.3
		Day 29	2020-07-27 09:03 (32)	0.03		0 - 0.3
		Day 57	2020-08-25 14:46 (30)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-10 14:45 (-16)	0.5		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021186	Basophils/Leukocytes (%)	Day 29	2020-07-27 09:03 (32)	0.6		0 - 3
		Day 57	2020-08-25 14:46 (30)	0.7		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-10 14:45 (-16)	0.13		0 - 0.8
		Day 29	2020-07-27 09:03 (32)	0.18		0 - 0.8
		Day 57	2020-08-25 14:46 (30)	0.25		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-10 14:45 (-16)	1.8		0 - 7
		Day 29	2020-07-27 09:03 (32)	3.5		0 - 7
		Day 57	2020-08-25 14:46 (30)	4.2		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-10 14:45 (-16)	3.88		3.7 - 5.2
		Day 29	2020-07-27 09:03 (32)	4.14		3.7 - 5.2
		Day 57	2020-08-25 14:46 (30)	3.98		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-10 14:45 (-16)	0.400		0.33 - 0.47

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021186	Hematocrit (L/L)	Day 29	2020-07-27 09:03 (32)	0.450		0.33 - 0.47
		Day 57	2020-08-25 14:46 (30)	0.426		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-10 14:45 (-16)	121		110 - 155
		Day 29	2020-07-27 09:03 (32)	130		110 - 155
		Day 57	2020-08-25 14:46 (30)	124		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-10 14:45 (-16)	<0.03		0 - 0.07
		Day 29	2020-07-27 09:03 (32)	<0.03		0 - 0.07
		Day 57	2020-08-25 14:46 (30)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-10 14:45 (-16)	0.1		0 - 1
		Day 29	2020-07-27 09:03 (32)	0.2		0 - 1
		Day 57	2020-08-25 14:46 (30)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-10 14:45 (-16)	7.36		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021186	Leukocytes (10^9/L)	Day 29	2020-07-27 09:03 (32)	5.13		3.7 - 11
		Day 57	2020-08-25 14:46 (30)	5.95		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-10 14:45 (-16)	3.23		0.9 - 3.6
		Day 29	2020-07-27 09:03 (32)	2.13		0.9 - 3.6
		Day 57	2020-08-25 14:46 (30)	2.75		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-10 14:45 (-16)	43.9		12 - 46
		Day 29	2020-07-27 09:03 (32)	41.5		12 - 46
		Day 57	2020-08-25 14:46 (30)	46.2 (H)		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-10 14:45 (-16)	0.53		0 - 1.2
		Day 29	2020-07-27 09:03 (32)	0.38		0 - 1.2
		Day 57	2020-08-25 14:46 (30)	0.44		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-10 14:45 (-16)	7.2		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021186	Monocytes/Leukocytes (%)	Day 29	2020-07-27 09:03 (32)	7.4		0 - 11
		Day 57	2020-08-25 14:46 (30)	7.4		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-10 14:45 (-16)	3.42		1.7 - 7.9
		Day 29	2020-07-27 09:03 (32)	2.40		1.7 - 7.9
		Day 57	2020-08-25 14:46 (30)	2.46		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-10 14:45 (-16)	46.5		34 - 71
		Day 29	2020-07-27 09:03 (32)	46.8		34 - 71
		Day 57	2020-08-25 14:46 (30)	41.3		34 - 71
	Platelets (10^9/L)	Screening	2020-06-10 14:45 (-16)	278		163 - 375
		Day 29	2020-07-27 09:03 (32)	272		163 - 375
		Day 57	2020-08-25 14:46 (30)	277		163 - 375
US2021208	Basophils (10^9/L)	Screening	2020-06-17 16:49 (-14)	0.05		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021208	Basophils (10^9/L)	Day 29	2020-07-29 16:02 (29)	0.05		0 - 0.3
		Day 57	2020-09-08 08:48 (42)	0.07		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-17 16:49 (-14)	0.6		0 - 3
		Day 29	2020-07-29 16:02 (29)	0.7		0 - 3
		Day 57	2020-09-08 08:48 (42)	0.9		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-17 16:49 (-14)	0.17		0 - 0.8
		Day 29	2020-07-29 16:02 (29)	0.20		0 - 0.8
		Day 57	2020-09-08 08:48 (42)	0.14		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-17 16:49 (-14)	2.2		0 - 7
		Day 29	2020-07-29 16:02 (29)	2.8		0 - 7
		Day 57	2020-09-08 08:48 (42)	1.9		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-17 16:49 (-14)	4.54		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021208	Erythrocytes (10^12/L)	Day 29	2020-07-29 16:02 (29)	4.36		3.7 - 5.2
		Day 57	2020-09-08 08:48 (42)	4.56		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-17 16:49 (-14)	0.440		0.33 - 0.47
		Day 29	2020-07-29 16:02 (29)	0.448		0.33 - 0.47
		Day 57	2020-09-08 08:48 (42)	0.477 (H)		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-17 16:49 (-14)	139		110 - 155
		Day 29	2020-07-29 16:02 (29)	133	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-09-08 08:48 (42)	139		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-17 16:49 (-14)	0.03		0 - 0.07
		Day 29	2020-07-29 16:02 (29)	0.05		0 - 0.07
		Day 57	2020-09-08 08:48 (42)	0.05		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-17 16:49 (-14)	0.4		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021208	Immature Granulocytes/Leukocytes (%)	Day 29	2020-07-29 16:02 (29)	0.7		0 - 1
		Day 57	2020-09-08 08:48 (42)	0.7		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-17 16:49 (-14)	7.88		3.7 - 11
		Day 29	2020-07-29 16:02 (29)	7.14		3.7 - 11
		Day 57	2020-09-08 08:48 (42)	7.43		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-17 16:49 (-14)	2.43		0.9 - 3.6
		Day 29	2020-07-29 16:02 (29)	2.51		0.9 - 3.6
		Day 57	2020-09-08 08:48 (42)	2.06		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-17 16:49 (-14)	30.8		12 - 46
		Day 29	2020-07-29 16:02 (29)	35.2		12 - 46
		Day 57	2020-09-08 08:48 (42)	27.7		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-17 16:49 (-14)	0.55		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021208	Monocytes (10^9/L)	Day 29	2020-07-29 16:02 (29)	0.47		0 - 1.2
		Day 57	2020-09-08 08:48 (42)	0.50		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-17 16:49 (-14)	7.0		0 - 11
		Day 29	2020-07-29 16:02 (29)	6.6		0 - 11
		Day 57	2020-09-08 08:48 (42)	6.7		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-17 16:49 (-14)	4.65		1.7 - 7.9
		Day 29	2020-07-29 16:02 (29)	3.86		1.7 - 7.9
		Day 57	2020-09-08 08:48 (42)	4.61		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-17 16:49 (-14)	59.0		34 - 71
		Day 29	2020-07-29 16:02 (29)	54.0		34 - 71
		Day 57	2020-09-08 08:48 (42)	62.1		34 - 71
	Platelets (10^9/L)	Screening	2020-06-17 16:49 (-14)	257		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021208	Platelets (10^9/L)	Day 29	2020-07-29 16:02 (29)	264		163 - 375
		Day 57	2020-09-08 08:48 (42)	268		163 - 375
US2021211	Basophils (10^9/L)	Screening	2020-06-18 11:00 (-14)	0.05		0 - 0.3
		Day 57	2020-08-25 12:27 (26)	0.05		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-18 11:00 (-14)	0.9		0 - 3
		Day 57	2020-08-25 12:27 (26)	0.8		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-18 11:00 (-14)	0.09		0 - 0.8
		Day 57	2020-08-25 12:27 (26)	0.10		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-18 11:00 (-14)	1.6		0 - 7
		Day 57	2020-08-25 12:27 (26)	1.5		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-18 11:00 (-14)	4.24		3.7 - 5.2
		Day 57	2020-08-25 12:27 (26)	4.32		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021211	Hematocrit (L/L)	Screening	2020-06-18 11:00 (-14)	0.441		0.33 - 0.47
		Day 57	2020-08-25 12:27 (26)	0.471 (H)		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-18 11:00 (-14)	136		110 - 155
		Day 57	2020-08-25 12:27 (26)	138		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-18 11:00 (-14)	<0.03		0 - 0.07
		Day 57	2020-08-25 12:27 (26)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-18 11:00 (-14)	0.2		0 - 1
		Day 57	2020-08-25 12:27 (26)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-18 11:00 (-14)	5.63		3.7 - 11
		Day 57	2020-08-25 12:27 (26)	6.54		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-18 11:00 (-14)	2.23		0.9 - 3.6
		Day 57	2020-08-25 12:27 (26)	2.17		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021211	Lymphocytes/Leukocytes (%)	Screening	2020-06-18 11:00 (-14)	39.6		12 - 46
		Day 57	2020-08-25 12:27 (26)	33.2		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-18 11:00 (-14)	0.51		0 - 1.2
		Day 57	2020-08-25 12:27 (26)	0.59		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-18 11:00 (-14)	9.1		0 - 11
		Day 57	2020-08-25 12:27 (26)	9.0		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-18 11:00 (-14)	2.74		1.7 - 7.9
		Day 57	2020-08-25 12:27 (26)	3.61		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-18 11:00 (-14)	48.6		34 - 71
		Day 57	2020-08-25 12:27 (26)	55.2		34 - 71
	Platelets (10^9/L)	Screening	2020-06-18 11:00 (-14)	246		163 - 375
		Day 57	2020-08-25 12:27 (26)	262		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021214	Basophils (10^9/L)	Screening	2020-06-18 12:40 (-8)	0.03		0 - 0.3
		Day 29	2020-07-24 14:51 (29)	0.04		0 - 0.3
		Day 57	2020-08-20 15:39 (28)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-18 12:40 (-8)	0.3		0 - 3
		Day 29	2020-07-24 14:51 (29)	0.6		0 - 3
		Day 57	2020-08-20 15:39 (28)	0.6		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-18 12:40 (-8)	0.14		0 - 0.8
		Day 29	2020-07-24 14:51 (29)	0.19		0 - 0.8
		Day 57	2020-08-20 15:39 (28)	0.18		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-18 12:40 (-8)	1.6		0 - 7
		Day 29	2020-07-24 14:51 (29)	2.8		0 - 7
		Day 57	2020-08-20 15:39 (28)	3.5		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021214	Erythrocytes (10^12/L)	Screening	2020-06-18 12:40 (-8)	4.01		3.7 - 5.2
		Day 29	2020-07-24 14:51 (29)	3.86		3.7 - 5.2
		Day 57	2020-08-20 15:39 (28)	3.71		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-18 12:40 (-8)	0.429		0.33 - 0.47
		Day 29	2020-07-24 14:51 (29)	0.411		0.33 - 0.47
		Day 57	2020-08-20 15:39 (28)	0.416		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-18 12:40 (-8)	132		110 - 155
		Day 29	2020-07-24 14:51 (29)	126	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-20 15:39 (28)	122	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-18 12:40 (-8)	<0.03		0 - 0.07
		Day 29	2020-07-24 14:51 (29)	0.03		0 - 0.07
		Day 57	2020-08-20 15:39 (28)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021214	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-18 12:40 (-8)	0.1		0 - 1
		Day 29	2020-07-24 14:51 (29)	0.4		0 - 1
		Day 57	2020-08-20 15:39 (28)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-18 12:40 (-8)	8.70		3.7 - 11
		Day 29	2020-07-24 14:51 (29)	6.71		3.7 - 11
		Day 57	2020-08-20 15:39 (28)	5.11		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-18 12:40 (-8)	1.76		0.9 - 3.6
		Day 29	2020-07-24 14:51 (29)	2.12		0.9 - 3.6
		Day 57	2020-08-20 15:39 (28)	2.05		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-18 12:40 (-8)	20.2		12 - 46
		Day 29	2020-07-24 14:51 (29)	31.6		12 - 46
		Day 57	2020-08-20 15:39 (28)	40.1		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021214	Monocytes (10^9/L)	Screening	2020-06-18 12:40 (-8)	0.53		0 - 1.2
		Day 29	2020-07-24 14:51 (29)	0.49		0 - 1.2
		Day 57	2020-08-20 15:39 (28)	0.29		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-18 12:40 (-8)	6.1		0 - 11
		Day 29	2020-07-24 14:51 (29)	7.3		0 - 11
		Day 57	2020-08-20 15:39 (28)	5.7		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-18 12:40 (-8)	6.23		1.7 - 7.9
		Day 29	2020-07-24 14:51 (29)	3.84		1.7 - 7.9
		Day 57	2020-08-20 15:39 (28)	2.55		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-18 12:40 (-8)	71.7 (H)		34 - 71
		Day 29	2020-07-24 14:51 (29)	57.3		34 - 71
		Day 57	2020-08-20 15:39 (28)	49.9		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021214	Platelets (10^9/L)	Screening	2020-06-18 12:40 (-8)	261		163 - 375
		Day 29	2020-07-24 14:51 (29)	245		163 - 375
		Day 57	2020-08-20 15:39 (28)	155 (L)		163 - 375
US2021215	Basophils (10^9/L)	Screening	2020-06-18 12:30 (-11)	0.04		0 - 0.3
		Day 29	2020-08-03 15:36 (36)	0.03		0 - 0.3
		Day 57	2020-09-08 15:04 (37)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-18 12:30 (-11)	0.7		0 - 3
		Day 29	2020-08-03 15:36 (36)	0.4		0 - 3
		Day 57	2020-09-08 15:04 (37)	0.6		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-18 12:30 (-11)	0.15		0 - 0.8
		Day 29	2020-08-03 15:36 (36)	0.04		0 - 0.8
		Day 57	2020-09-08 15:04 (37)	0.11		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021215	Eosinophils/Leukocytes (%)	Screening	2020-06-18 12:30 (-11)	2.5		0 - 7
		Day 29	2020-08-03 15:36 (36)	0.5		0 - 7
		Day 57	2020-09-08 15:04 (37)	1.6		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-18 12:30 (-11)	4.49		3.7 - 5.2
		Day 29	2020-08-03 15:36 (36)	4.46		3.7 - 5.2
		Day 57	2020-09-08 15:04 (37)	4.46		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-18 12:30 (-11)	0.456		0.33 - 0.47
		Day 29	2020-08-03 15:36 (36)	0.438		0.33 - 0.47
		Day 57	2020-09-08 15:04 (37)	0.465		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-18 12:30 (-11)	148		110 - 155
		Day 29	2020-08-03 15:36 (36)	146	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-09-08 15:04 (37)	143	G1 Hemoglobin Decreased	110 - 155

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021215	Immature Granulocytes (10^9/L)	Screening	2020-06-18 12:30 (-11)	<0.03		0 - 0.07
		Day 29	2020-08-03 15:36 (36)	<0.03		0 - 0.07
		Day 57	2020-09-08 15:04 (37)	0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-18 12:30 (-11)	0.2		0 - 1
		Day 29	2020-08-03 15:36 (36)	0.3		0 - 1
		Day 57	2020-09-08 15:04 (37)	0.4		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-18 12:30 (-11)	5.94		3.7 - 11
		Day 29	2020-08-03 15:36 (36)	7.71		3.7 - 11
		Day 57	2020-09-08 15:04 (37)	7.01		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-18 12:30 (-11)	2.28		0.9 - 3.6
		Day 29	2020-08-03 15:36 (36)	1.73		0.9 - 3.6
		Day 57	2020-09-08 15:04 (37)	1.49		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021215	Lymphocytes/Leukocytes (%)	Screening	2020-06-18 12:30 (-11)	38.4		12 - 46
		Day 29	2020-08-03 15:36 (36)	22.4		12 - 46
		Day 57	2020-09-08 15:04 (37)	21.3		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-18 12:30 (-11)	0.43		0 - 1.2
		Day 29	2020-08-03 15:36 (36)	0.32		0 - 1.2
		Day 57	2020-09-08 15:04 (37)	0.54		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-18 12:30 (-11)	7.2		0 - 11
		Day 29	2020-08-03 15:36 (36)	4.2		0 - 11
		Day 57	2020-09-08 15:04 (37)	7.7		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-18 12:30 (-11)	3.03		1.7 - 7.9
		Day 29	2020-08-03 15:36 (36)	5.57		1.7 - 7.9
		Day 57	2020-09-08 15:04 (37)	4.80		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021215	Neutrophils/Leukocytes (%)	Screening	2020-06-18 12:30 (-11)	51.0		34 - 71
		Day 29	2020-08-03 15:36 (36)	72.2 (H)		34 - 71
		Day 57	2020-09-08 15:04 (37)	68.4		34 - 71
	Platelets (10^9/L)	Screening	2020-06-18 12:30 (-11)	239		163 - 375
		Day 29	2020-08-03 15:36 (36)	253		163 - 375
		Day 57	2020-09-08 15:04 (37)	221		163 - 375
US2021218	Basophils (10^9/L)	Screening	2020-06-23 10:25 (-7)	0.03		0 - 0.3
		Day 57	2020-08-25 17:08 (26)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-23 10:25 (-7)	0.5		0 - 3
		Day 57	2020-08-25 17:08 (26)	0.4		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-23 10:25 (-7)	0.12		0 - 0.8
		Day 57	2020-08-25 17:08 (26)	0.08		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021218	Eosinophils/Leukocytes (%)	Screening	2020-06-23 10:25 (-7)	2.1		0 - 7
		Day 57	2020-08-25 17:08 (26)	1.2		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-23 10:25 (-7)	4.34		3.7 - 5.2
		Day 57	2020-08-25 17:08 (26)	4.26		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-23 10:25 (-7)	0.464		0.33 - 0.47
		Day 57	2020-08-25 17:08 (26)	0.449		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-23 10:25 (-7)	140		110 - 155
		Day 57	2020-08-25 17:08 (26)	135	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-23 10:25 (-7)	<0.03		0 - 0.07
		Day 57	2020-08-25 17:08 (26)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-23 10:25 (-7)	0.2		0 - 1
		Day 57	2020-08-25 17:08 (26)	0.3		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021218	Leukocytes (10^9/L)	Screening	2020-06-23 10:25 (-7)	5.69		3.7 - 11
		Day 57	2020-08-25 17:08 (26)	6.90		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-23 10:25 (-7)	1.59		0.9 - 3.6
		Day 57	2020-08-25 17:08 (26)	1.98		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-23 10:25 (-7)	27.9		12 - 46
		Day 57	2020-08-25 17:08 (26)	28.7		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-23 10:25 (-7)	0.49		0 - 1.2
		Day 57	2020-08-25 17:08 (26)	0.55		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-23 10:25 (-7)	8.6		0 - 11
		Day 57	2020-08-25 17:08 (26)	8.0		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-23 10:25 (-7)	3.45		1.7 - 7.9
		Day 57	2020-08-25 17:08 (26)	4.24		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021218	Neutrophils/Leukocytes (%)	Screening	2020-06-23 10:25 (-7)	60.7		34 - 71
		Day 57	2020-08-25 17:08 (26)	61.4		34 - 71
	Platelets (10^9/L)	Screening	2020-06-23 10:25 (-7)	204		163 - 375
		Day 57	2020-08-25 17:08 (26)	182		163 - 375
US2021230	Basophils (10^9/L)	Screening	2020-07-01 15:58 (-5)	0.03		0 - 0.3
		Day 29	2020-08-03 11:23 (29)	<0.03		0 - 0.3
		Day 57	2020-09-03 11:50 (32)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-07-01 15:58 (-5)	0.5		0 - 3
		Day 29	2020-08-03 11:23 (29)	0.4		0 - 3
		Day 57	2020-09-03 11:50 (32)	0.6		0 - 3
	Eosinophils (10^9/L)	Screening	2020-07-01 15:58 (-5)	<0.03		0 - 0.8
		Day 29	2020-08-03 11:23 (29)	<0.03		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021230	Eosinophils (10^9/L)	Day 57	2020-09-03 11:50 (32)	0.03		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-07-01 15:58 (-5)	0.3		0 - 7
		Day 29	2020-08-03 11:23 (29)	0.4		0 - 7
		Day 57	2020-09-03 11:50 (32)	0.6		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-07-01 15:58 (-5)	4.08		3.7 - 5.2
		Day 29	2020-08-03 11:23 (29)	4.36		3.7 - 5.2
		Day 57	2020-09-03 11:50 (32)	4.11		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-07-01 15:58 (-5)	0.413		0.33 - 0.47
		Day 29	2020-08-03 11:23 (29)	0.464		0.33 - 0.47
		Day 57	2020-09-03 11:50 (32)	0.484 (H)		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-07-01 15:58 (-5)	130		110 - 155
		Day 29	2020-08-03 11:23 (29)	138		110 - 155

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021230	Hemoglobin (g/L)	Day 57	2020-09-03 11:50 (32)	131		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-07-01 15:58 (-5)	<0.03		0 - 0.07
		Day 29	2020-08-03 11:23 (29)	<0.03		0 - 0.07
		Day 57	2020-09-03 11:50 (32)	0.11 (H)		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-07-01 15:58 (-5)	0.3		0 - 1
		Day 29	2020-08-03 11:23 (29)	0.2		0 - 1
		Day 57	2020-09-03 11:50 (32)	2.0 (H)		0 - 1
	Leukocytes (10^9/L)	Screening	2020-07-01 15:58 (-5)	6.10		3.7 - 11
		Day 29	2020-08-03 11:23 (29)	4.75		3.7 - 11
		Day 57	2020-09-03 11:50 (32)	5.41		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-07-01 15:58 (-5)	1.48		0.9 - 3.6
		Day 29	2020-08-03 11:23 (29)	1.07		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021230	Lymphocytes (10^9/L)	Day 57	2020-09-03 11:50 (32)	1.24		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-07-01 15:58 (-5)	24.3		12 - 46
		Day 29	2020-08-03 11:23 (29)	22.5		12 - 46
		Day 57	2020-09-03 11:50 (32)	22.9		12 - 46
	Monocytes (10^9/L)	Screening	2020-07-01 15:58 (-5)	0.53		0 - 1.2
		Day 29	2020-08-03 11:23 (29)	0.46		0 - 1.2
		Day 57	2020-09-03 11:50 (32)	0.32		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-07-01 15:58 (-5)	8.7		0 - 11
		Day 29	2020-08-03 11:23 (29)	9.7		0 - 11
		Day 57	2020-09-03 11:50 (32)	5.9		0 - 11
	Neutrophils (10^9/L)	Screening	2020-07-01 15:58 (-5)	4.02		1.7 - 7.9
		Day 29	2020-08-03 11:23 (29)	3.17		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021230	Neutrophils (10^9/L)	Day 57	2020-09-03 11:50 (32)	3.68		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-07-01 15:58 (-5)	65.9		34 - 71
		Day 29	2020-08-03 11:23 (29)	66.8		34 - 71
		Day 57	2020-09-03 11:50 (32)	68.0		34 - 71
	Platelets (10^9/L)	Screening	2020-07-01 15:58 (-5)	216		163 - 375
		Day 29	2020-08-03 11:23 (29)	221		163 - 375
		Day 57	2020-09-03 11:50 (32)	227		163 - 375
US2021232	Basophils (10^9/L)	Screening	2020-07-02 13:05 (-4)	0.05		0 - 0.3
		Day 29	2020-08-06 10:42 (32)	0.06		0 - 0.3
		Day 57	2020-09-10 12:44 (36)	0.07		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-07-02 13:05 (-4)	0.9		0 - 3
		Day 29	2020-08-06 10:42 (32)	1.2		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021232	Basophils/Leukocytes (%)	Day 57	2020-09-10 12:44 (36)	1.3		0 - 3
	Eosinophils (10^9/L)	Screening	2020-07-02 13:05 (-4)	0.26		0 - 0.8
		Day 29	2020-08-06 10:42 (32)	0.32		0 - 0.8
		Day 57	2020-09-10 12:44 (36)	0.31		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-07-02 13:05 (-4)	4.5		0 - 7
		Day 29	2020-08-06 10:42 (32)	6.2		0 - 7
		Day 57	2020-09-10 12:44 (36)	5.6		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-07-02 13:05 (-4)	4.24		3.7 - 5.2
		Day 29	2020-08-06 10:42 (32)	4.37		3.7 - 5.2
		Day 57	2020-09-10 12:44 (36)	4.24		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-07-02 13:05 (-4)	0.445		0.33 - 0.47
		Day 29	2020-08-06 10:42 (32)	0.443		0.33 - 0.47

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021232	Hematocrit (L/L)	Day 57	2020-09-10 12:44 (36)	0.481 (H)		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-07-02 13:05 (-4)	137		110 - 155
		Day 29	2020-08-06 10:42 (32)	136	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-09-10 12:44 (36)	133	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-07-02 13:05 (-4)	<0.03		0 - 0.07
		Day 29	2020-08-06 10:42 (32)	<0.03		0 - 0.07
		Day 57	2020-09-10 12:44 (36)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-07-02 13:05 (-4)	0.2		0 - 1
		Day 29	2020-08-06 10:42 (32)	0.4		0 - 1
		Day 57	2020-09-10 12:44 (36)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-07-02 13:05 (-4)	5.78		3.7 - 11
		Day 29	2020-08-06 10:42 (32)	5.20		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021232	Leukocytes (10^9/L)	Day 57	2020-09-10 12:44 (36)	5.53		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-07-02 13:05 (-4)	1.42		0.9 - 3.6
		Day 29	2020-08-06 10:42 (32)	1.38		0.9 - 3.6
		Day 57	2020-09-10 12:44 (36)	1.60		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-07-02 13:05 (-4)	24.6		12 - 46
		Day 29	2020-08-06 10:42 (32)	26.5		12 - 46
		Day 57	2020-09-10 12:44 (36)	28.9		12 - 46
	Monocytes (10^9/L)	Screening	2020-07-02 13:05 (-4)	0.51		0 - 1.2
		Day 29	2020-08-06 10:42 (32)	0.57		0 - 1.2
		Day 57	2020-09-10 12:44 (36)	0.47		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-07-02 13:05 (-4)	8.8		0 - 11
		Day 29	2020-08-06 10:42 (32)	11.0		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021232	Monocytes/Leukocytes (%)	Day 57	2020-09-10 12:44 (36)	8.5		0 - 11
	Neutrophils (10^9/L)	Screening	2020-07-02 13:05 (-4)	3.53		1.7 - 7.9
		Day 29	2020-08-06 10:42 (32)	2.85		1.7 - 7.9
		Day 57	2020-09-10 12:44 (36)	3.07		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-07-02 13:05 (-4)	61.0		34 - 71
		Day 29	2020-08-06 10:42 (32)	54.7		34 - 71
		Day 57	2020-09-10 12:44 (36)	55.5		34 - 71
	Platelets (10^9/L)	Screening	2020-07-02 13:05 (-4)	310		163 - 375
		Day 29	2020-08-06 10:42 (32)	314		163 - 375
		Day 57	2020-09-10 12:44 (36)	284		163 - 375
US2021234	Basophils (10^9/L)	Screening	2020-07-02 15:14 (-5)	0.04		0 - 0.3
		Day 29	2020-08-04 10:38 (29)	0.05		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021234	Basophils (10^9/L)	Day 57	2020-09-03 10:50 (31)	0.06		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-07-02 15:14 (-5)	0.4		0 - 3
		Day 29	2020-08-04 10:38 (29)	0.9		0 - 3
		Day 57	2020-09-03 10:50 (31)	1.2		0 - 3
	Eosinophils (10^9/L)	Screening	2020-07-02 15:14 (-5)	0.11		0 - 0.8
		Day 29	2020-08-04 10:38 (29)	0.22		0 - 0.8
		Day 57	2020-09-03 10:50 (31)	0.22		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-07-02 15:14 (-5)	1.2		0 - 7
		Day 29	2020-08-04 10:38 (29)	3.9		0 - 7
		Day 57	2020-09-03 10:50 (31)	4.5		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-07-02 15:14 (-5)	4.31		3.7 - 5.2
		Day 29	2020-08-04 10:38 (29)	4.26		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021234	Erythrocytes (10^12/L)	Day 57	2020-09-03 10:50 (31)	4.48		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-07-02 15:14 (-5)	0.434		0.33 - 0.47
		Day 29	2020-08-04 10:38 (29)	0.402		0.33 - 0.47
		Day 57	2020-09-03 10:50 (31)	0.495 (H)		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-07-02 15:14 (-5)	134		110 - 155
		Day 29	2020-08-04 10:38 (29)	131	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-09-03 10:50 (31)	136		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-07-02 15:14 (-5)	0.03		0 - 0.07
		Day 29	2020-08-04 10:38 (29)	0.03		0 - 0.07
		Day 57	2020-09-03 10:50 (31)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-07-02 15:14 (-5)	0.3		0 - 1
		Day 29	2020-08-04 10:38 (29)	0.5		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021234	Immature Granulocytes/Leukocytes (%)	Day 57	2020-09-03 10:50 (31)	0.0		0 - 1
	Leukocytes (10^9/L)	Screening	2020-07-02 15:14 (-5)	8.97		3.7 - 11
		Day 29	2020-08-04 10:38 (29)	5.62		3.7 - 11
		Day 57	2020-09-03 10:50 (31)	4.88		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-07-02 15:14 (-5)	2.02		0.9 - 3.6
		Day 29	2020-08-04 10:38 (29)	2.09		0.9 - 3.6
		Day 57	2020-09-03 10:50 (31)	1.98		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-07-02 15:14 (-5)	22.5		12 - 46
		Day 29	2020-08-04 10:38 (29)	37.2		12 - 46
		Day 57	2020-09-03 10:50 (31)	40.6		12 - 46
	Monocytes (10^9/L)	Screening	2020-07-02 15:14 (-5)	0.64		0 - 1.2
		Day 29	2020-08-04 10:38 (29)	0.41		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021234	Monocytes (10^9/L)	Day 57	2020-09-03 10:50 (31)	0.37		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-07-02 15:14 (-5)	7.1		0 - 11
		Day 29	2020-08-04 10:38 (29)	7.3		0 - 11
		Day 57	2020-09-03 10:50 (31)	7.6		0 - 11
	Neutrophils (10^9/L)	Screening	2020-07-02 15:14 (-5)	6.13		1.7 - 7.9
		Day 29	2020-08-04 10:38 (29)	2.82		1.7 - 7.9
		Day 57	2020-09-03 10:50 (31)	2.25		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-07-02 15:14 (-5)	68.5		34 - 71
		Day 29	2020-08-04 10:38 (29)	50.2		34 - 71
		Day 57	2020-09-03 10:50 (31)	46.1		34 - 71
	Platelets (10^9/L)	Screening	2020-07-02 15:14 (-5)	186		163 - 375
		Day 29	2020-08-04 10:38 (29)	195		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021234	Platelets (10^9/L)	Day 57	2020-09-03 10:50 (31)	207		163 - 375
US2031091	Basophils (10^9/L)	Screening	2020-06-08 14:22 (-18)	0.04		0 - 0.3
		Day 29	2020-07-27 09:53 (32)	<0.03		0 - 0.3
		Day 57	2020-08-24 09:11 (29)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-08 14:22 (-18)	0.7		0 - 3
		Day 29	2020-07-27 09:53 (32)	0.3		0 - 3
		Day 57	2020-08-24 09:11 (29)	0.9		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-08 14:22 (-18)	0.07		0 - 0.8
		Day 29	2020-07-27 09:53 (32)	0.06		0 - 0.8
		Day 57	2020-08-24 09:11 (29)	0.16		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-08 14:22 (-18)	1.2		0 - 7
		Day 29	2020-07-27 09:53 (32)	0.9		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031091	Eosinophils/Leukocytes (%)	Day 57	2020-08-24 09:11 (29)	3.8		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-08 14:22 (-18)	4.66		3.7 - 5.2
		Day 29	2020-07-27 09:53 (32)	4.65		3.7 - 5.2
		Day 57	2020-08-24 09:11 (29)	4.55		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-08 14:22 (-18)	0.459		0.33 - 0.47
		Day 29	2020-07-27 09:53 (32)	0.463		0.33 - 0.47
		Day 57	2020-08-24 09:11 (29)	0.447		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-08 14:22 (-18)	144		110 - 155
		Day 29	2020-07-27 09:53 (32)	139	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-24 09:11 (29)	136	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-08 14:22 (-18)	<0.03		0 - 0.07
		Day 29	2020-07-27 09:53 (32)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031091	Immature Granulocytes (10^9/L)	Day 57	2020-08-24 09:11 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-08 14:22 (-18)	0.3		0 - 1
		Day 29	2020-07-27 09:53 (32)	0.3		0 - 1
		Day 57	2020-08-24 09:11 (29)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-08 14:22 (-18)	5.82		3.7 - 11
		Day 29	2020-07-27 09:53 (32)	6.52		3.7 - 11
		Day 57	2020-08-24 09:11 (29)	4.23		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-08 14:22 (-18)	1.79		0.9 - 3.6
		Day 29	2020-07-27 09:53 (32)	1.39		0.9 - 3.6
		Day 57	2020-08-24 09:11 (29)	1.59		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-08 14:22 (-18)	30.8		12 - 46
		Day 29	2020-07-27 09:53 (32)	21.3		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031091	Lymphocytes/Leukocytes (%)	Day 57	2020-08-24 09:11 (29)	37.6		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-08 14:22 (-18)	0.55		0 - 1.2
		Day 29	2020-07-27 09:53 (32)	0.47		0 - 1.2
		Day 57	2020-08-24 09:11 (29)	0.41		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-08 14:22 (-18)	9.5		0 - 11
		Day 29	2020-07-27 09:53 (32)	7.2		0 - 11
		Day 57	2020-08-24 09:11 (29)	9.7		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-08 14:22 (-18)	3.35		1.7 - 7.9
		Day 29	2020-07-27 09:53 (32)	4.56		1.7 - 7.9
		Day 57	2020-08-24 09:11 (29)	2.02		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-08 14:22 (-18)	57.5		34 - 71
		Day 29	2020-07-27 09:53 (32)	70.0		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031091	Neutrophils/Leukocytes (%)	Day 57	2020-08-24 09:11 (29)	47.8		34 - 71
	Platelets (10^9/L)	Screening	2020-06-08 14:22 (-18)	304		163 - 375
		Day 29	2020-07-27 09:53 (32)	311		163 - 375
		Day 57	2020-08-24 09:11 (29)	269		163 - 375
US2031093	Basophils (10^9/L)	Screening	2020-06-08 16:10 (-23)	0.04		0 - 0.3
		Day 29	2020-07-31 10:55 (31)	0.05		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-08 16:10 (-23)	0.7		0 - 3
		Day 29	2020-07-31 10:55 (31)	1.1		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-08 16:10 (-23)	0.17		0 - 0.8
		Day 29	2020-07-31 10:55 (31)	0.14		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-08 16:10 (-23)	3.0		0 - 7
		Day 29	2020-07-31 10:55 (31)	3.0		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031093	Erythrocytes (10^12/L)	Screening	2020-06-08 16:10 (-23)	4.44		3.7 - 5.2
		Day 29	2020-07-31 10:55 (31)	4.51		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-08 16:10 (-23)	0.449		0.33 - 0.47
		Day 29	2020-07-31 10:55 (31)	0.460		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-08 16:10 (-23)	137		110 - 155
		Day 29	2020-07-31 10:55 (31)	140		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-08 16:10 (-23)	<0.03		0 - 0.07
		Day 29	2020-07-31 10:55 (31)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-08 16:10 (-23)	0.2		0 - 1
		Day 29	2020-07-31 10:55 (31)	0.0		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-08 16:10 (-23)	5.68		3.7 - 11
		Day 29	2020-07-31 10:55 (31)	4.72		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031093	Lymphocytes (10^9/L)	Screening	2020-06-08 16:10 (-23)	1.35		0.9 - 3.6
		Day 29	2020-07-31 10:55 (31)	1.19		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-08 16:10 (-23)	23.8		12 - 46
		Day 29	2020-07-31 10:55 (31)	25.2		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-08 16:10 (-23)	0.50		0 - 1.2
		Day 29	2020-07-31 10:55 (31)	0.35		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-08 16:10 (-23)	8.8		0 - 11
		Day 29	2020-07-31 10:55 (31)	7.4		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-08 16:10 (-23)	3.61		1.7 - 7.9
		Day 29	2020-07-31 10:55 (31)	2.99		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-08 16:10 (-23)	63.5		34 - 71
		Day 29	2020-07-31 10:55 (31)	63.3		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031093	Platelets (10^9/L)	Screening	2020-06-08 16:10 (-23)	240		163 - 375
		Day 29	2020-07-31 10:55 (31)	234		163 - 375
US2031101	Basophils (10^9/L)	Screening	2020-06-09 16:09 (-20)	0.04		0 - 0.3
		Day 29	2020-08-03 16:10 (36)	0.03		0 - 0.3
		Day 57	2020-09-01 16:10 (30)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-09 16:09 (-20)	0.8		0 - 3
		Day 29	2020-08-03 16:10 (36)	0.5		0 - 3
		Day 57	2020-09-01 16:10 (30)	0.6		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-09 16:09 (-20)	0.06		0 - 0.8
		Day 29	2020-08-03 16:10 (36)	0.08		0 - 0.8
		Day 57	2020-09-01 16:10 (30)	0.04		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-09 16:09 (-20)	1.3		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031101	Eosinophils/Leukocytes (%)	Day 29	2020-08-03 16:10 (36)	1.4		0 - 7
		Day 57	2020-09-01 16:10 (30)	0.8		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-09 16:09 (-20)	3.69 (L)		3.7 - 5.2
		Day 29	2020-08-03 16:10 (36)	3.64 (L)		3.7 - 5.2
		Day 57	2020-09-01 16:10 (30)	3.83		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-09 16:09 (-20)	0.365		0.33 - 0.47
		Day 29	2020-08-03 16:10 (36)	0.361		0.33 - 0.47
		Day 57	2020-09-01 16:10 (30)	0.385		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-09 16:09 (-20)	116	G1 Hemoglobin Decreased	110 - 155
		Day 29	2020-08-03 16:10 (36)	118	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-09-01 16:10 (30)	121		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-09 16:09 (-20)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031101	Immature Granulocytes (10^9/L)	Day 29	2020-08-03 16:10 (36)	<0.03		0 - 0.07
		Day 57	2020-09-01 16:10 (30)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-09 16:09 (-20)	0.0		0 - 1
		Day 29	2020-08-03 16:10 (36)	0.2		0 - 1
		Day 57	2020-09-01 16:10 (30)	0.0		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-09 16:09 (-20)	4.73		3.7 - 11
		Day 29	2020-08-03 16:10 (36)	5.74		3.7 - 11
		Day 57	2020-09-01 16:10 (30)	5.04		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-09 16:09 (-20)	1.98		0.9 - 3.6
		Day 29	2020-08-03 16:10 (36)	2.29		0.9 - 3.6
		Day 57	2020-09-01 16:10 (30)	2.06		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-09 16:09 (-20)	41.9		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031101	Lymphocytes/Leukocytes (%)	Day 29	2020-08-03 16:10 (36)	39.9		12 - 46
		Day 57	2020-09-01 16:10 (30)	40.9		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-09 16:09 (-20)	0.44		0 - 1.2
		Day 29	2020-08-03 16:10 (36)	0.46		0 - 1.2
		Day 57	2020-09-01 16:10 (30)	0.37		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-09 16:09 (-20)	9.3		0 - 11
		Day 29	2020-08-03 16:10 (36)	8.0		0 - 11
		Day 57	2020-09-01 16:10 (30)	7.3		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-09 16:09 (-20)	2.21		1.7 - 7.9
		Day 29	2020-08-03 16:10 (36)	2.87		1.7 - 7.9
		Day 57	2020-09-01 16:10 (30)	2.54		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-09 16:09 (-20)	46.7		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031101	Neutrophils/Leukocytes (%)	Day 29	2020-08-03 16:10 (36)	50.0		34 - 71
		Day 57	2020-09-01 16:10 (30)	50.4		34 - 71
	Platelets (10^9/L)	Screening	2020-06-09 16:09 (-20)	197		163 - 375
		Day 29	2020-08-03 16:10 (36)	208		163 - 375
		Day 57	2020-09-01 16:10 (30)	195		163 - 375
US2031111	Basophils (10^9/L)	Screening	2020-06-10 16:10 (-16)	0.03		0 - 0.3
		Day 29	2020-07-27 11:01 (32)	0.03		0 - 0.3
		Day 57	2020-08-21 11:22 (26)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-10 16:10 (-16)	0.4		0 - 3
		Day 29	2020-07-27 11:01 (32)	0.4		0 - 3
		Day 57	2020-08-21 11:22 (26)	0.5		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-10 16:10 (-16)	0.17		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031111	Eosinophils (10^9/L)	Day 29	2020-07-27 11:01 (32)	0.09		0 - 0.8
		Day 57	2020-08-21 11:22 (26)	0.15		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-10 16:10 (-16)	2.1		0 - 7
		Day 29	2020-07-27 11:01 (32)	1.1		0 - 7
		Day 57	2020-08-21 11:22 (26)	1.8		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-10 16:10 (-16)	5.02		3.7 - 5.2
		Day 29	2020-07-27 11:01 (32)	4.83		3.7 - 5.2
		Day 57	2020-08-21 11:22 (26)	4.47		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-10 16:10 (-16)	0.499 (H)		0.33 - 0.47
		Day 29	2020-07-27 11:01 (32)	0.485 (H)		0.33 - 0.47
		Day 57	2020-08-21 11:22 (26)	0.448		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-10 16:10 (-16)	147		110 - 155

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031111	Hemoglobin (g/L)	Day 29	2020-07-27 11:01 (32)	143	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-21 11:22 (26)	134	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-10 16:10 (-16)	<0.03		0 - 0.07
		Day 29	2020-07-27 11:01 (32)	<0.03		0 - 0.07
		Day 57	2020-08-21 11:22 (26)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-10 16:10 (-16)	0.1		0 - 1
		Day 29	2020-07-27 11:01 (32)	0.1		0 - 1
		Day 57	2020-08-21 11:22 (26)	0.1		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-10 16:10 (-16)	8.05		3.7 - 11
		Day 29	2020-07-27 11:01 (32)	8.19		3.7 - 11
		Day 57	2020-08-21 11:22 (26)	8.14		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-10 16:10 (-16)	2.71		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031111	Lymphocytes (10^9/L)	Day 29	2020-07-27 11:01 (32)	2.22		0.9 - 3.6
		Day 57	2020-08-21 11:22 (26)	2.62		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-10 16:10 (-16)	33.7		12 - 46
		Day 29	2020-07-27 11:01 (32)	27.1		12 - 46
		Day 57	2020-08-21 11:22 (26)	32.2		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-10 16:10 (-16)	0.79		0 - 1.2
		Day 29	2020-07-27 11:01 (32)	0.60		0 - 1.2
		Day 57	2020-08-21 11:22 (26)	0.79		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-10 16:10 (-16)	9.8		0 - 11
		Day 29	2020-07-27 11:01 (32)	7.3		0 - 11
		Day 57	2020-08-21 11:22 (26)	9.7		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-10 16:10 (-16)	4.34		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031111	Neutrophils (10^9/L)	Day 29	2020-07-27 11:01 (32)	5.24		1.7 - 7.9
		Day 57	2020-08-21 11:22 (26)	4.53		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-10 16:10 (-16)	53.9		34 - 71
		Day 29	2020-07-27 11:01 (32)	64.0		34 - 71
		Day 57	2020-08-21 11:22 (26)	55.7		34 - 71
	Platelets (10^9/L)	Screening	2020-06-10 16:10 (-16)	204		163 - 375
		Day 29	2020-07-27 11:01 (32)	225		163 - 375
		Day 57	2020-08-21 11:22 (26)	203		163 - 375
US2031112	Basophils (10^9/L)	Screening	2020-06-10 16:07 (-16)	0.05		0 - 0.3
		Day 29	2020-07-27 08:56 (32)	0.04		0 - 0.3
		Day 57	2020-09-02 18:45 (38)	0.05		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-10 16:07 (-16)	0.7		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031112	Basophils/Leukocytes (%)	Day 29	2020-07-27 08:56 (32)	0.8		0 - 3
		Day 57	2020-09-02 18:45 (38)	0.8		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-10 16:07 (-16)	0.24		0 - 0.8
		Day 29	2020-07-27 08:56 (32)	0.23		0 - 0.8
		Day 57	2020-09-02 18:45 (38)	0.23		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-10 16:07 (-16)	3.4		0 - 7
		Day 29	2020-07-27 08:56 (32)	4.6		0 - 7
		Day 57	2020-09-02 18:45 (38)	3.7		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-10 16:07 (-16)	4.96		3.7 - 5.2
		Day 29	2020-07-27 08:56 (32)	4.97		3.7 - 5.2
		Day 57	2020-09-02 18:45 (38)	4.92		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-10 16:07 (-16)	0.487 (H)		0.33 - 0.47

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031112	Hematocrit (L/L)	Day 29	2020-07-27 08:56 (32)	0.496 (H)		0.33 - 0.47
		Day 57	2020-09-02 18:45 (38)	0.472 (H)		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-10 16:07 (-16)	148		110 - 155
		Day 29	2020-07-27 08:56 (32)	148		110 - 155
		Day 57	2020-09-02 18:45 (38)	146	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-10 16:07 (-16)	<0.03		0 - 0.07
		Day 29	2020-07-27 08:56 (32)	<0.03		0 - 0.07
		Day 57	2020-09-02 18:45 (38)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-10 16:07 (-16)	0.3		0 - 1
		Day 29	2020-07-27 08:56 (32)	0.2		0 - 1
		Day 57	2020-09-02 18:45 (38)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-10 16:07 (-16)	7.05		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031112	Leukocytes (10^9/L)	Day 29	2020-07-27 08:56 (32)	5.02		3.7 - 11
		Day 57	2020-09-02 18:45 (38)	6.22		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-10 16:07 (-16)	1.70		0.9 - 3.6
		Day 29	2020-07-27 08:56 (32)	1.28		0.9 - 3.6
		Day 57	2020-09-02 18:45 (38)	1.53		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-10 16:07 (-16)	24.1		12 - 46
		Day 29	2020-07-27 08:56 (32)	25.5		12 - 46
		Day 57	2020-09-02 18:45 (38)	24.6		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-10 16:07 (-16)	0.33		0 - 1.2
		Day 29	2020-07-27 08:56 (32)	0.30		0 - 1.2
		Day 57	2020-09-02 18:45 (38)	0.37		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-10 16:07 (-16)	4.7		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031112	Monocytes/Leukocytes (%)	Day 29	2020-07-27 08:56 (32)	6.0		0 - 11
		Day 57	2020-09-02 18:45 (38)	5.9		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-10 16:07 (-16)	4.71		1.7 - 7.9
		Day 29	2020-07-27 08:56 (32)	3.16		1.7 - 7.9
		Day 57	2020-09-02 18:45 (38)	4.03		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-10 16:07 (-16)	66.8		34 - 71
		Day 29	2020-07-27 08:56 (32)	62.9		34 - 71
		Day 57	2020-09-02 18:45 (38)	64.8		34 - 71
	Platelets (10^9/L)	Screening	2020-06-10 16:07 (-16)	217		163 - 375
		Day 29	2020-07-27 08:56 (32)	211		163 - 375
		Day 57	2020-09-02 18:45 (38)	238		163 - 375
US2031122	Basophils (10^9/L)	Screening	2020-06-12 14:53 (-17)	0.03		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031122	Basophils (10^9/L)	Day 29	2020-07-29 15:13 (31)	0.03		0 - 0.3
		Day 57	2020-08-24 11:26 (27)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-12 14:53 (-17)	0.5		0 - 3
		Day 29	2020-07-29 15:13 (31)	0.6		0 - 3
		Day 57	2020-08-24 11:26 (27)	0.6		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-12 14:53 (-17)	0.13		0 - 0.8
		Day 29	2020-07-29 15:13 (31)	0.15		0 - 0.8
		Day 57	2020-08-24 11:26 (27)	0.14		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-12 14:53 (-17)	2.3		0 - 7
		Day 29	2020-07-29 15:13 (31)	2.9		0 - 7
		Day 57	2020-08-24 11:26 (27)	2.9		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-12 14:53 (-17)	5.19		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031122	Erythrocytes (10^12/L)	Day 29	2020-07-29 15:13 (31)	5.02		3.7 - 5.2
		Day 57	2020-08-24 11:26 (27)	4.77		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-12 14:53 (-17)	0.529 (H)		0.33 - 0.47
		Day 29	2020-07-29 15:13 (31)	0.491 (H)		0.33 - 0.47
		Day 57	2020-08-24 11:26 (27)	0.480 (H)		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-12 14:53 (-17)	158 (H)		110 - 155
		Day 29	2020-07-29 15:13 (31)	155	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-24 11:26 (27)	145	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-12 14:53 (-17)	<0.03		0 - 0.07
		Day 29	2020-07-29 15:13 (31)	<0.03		0 - 0.07
		Day 57	2020-08-24 11:26 (27)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-12 14:53 (-17)	0.2		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031122	Immature Granulocytes/Leukocytes (%)	Day 29	2020-07-29 15:13 (31)	0.2		0 - 1
		Day 57	2020-08-24 11:26 (27)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-12 14:53 (-17)	5.61		3.7 - 11
		Day 29	2020-07-29 15:13 (31)	5.24		3.7 - 11
		Day 57	2020-08-24 11:26 (27)	4.78		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-12 14:53 (-17)	1.92		0.9 - 3.6
		Day 29	2020-07-29 15:13 (31)	2.02		0.9 - 3.6
		Day 57	2020-08-24 11:26 (27)	1.86		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-12 14:53 (-17)	34.2		12 - 46
		Day 29	2020-07-29 15:13 (31)	38.5		12 - 46
		Day 57	2020-08-24 11:26 (27)	38.9		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-12 14:53 (-17)	0.40		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031122	Monocytes (10^9/L)	Day 29	2020-07-29 15:13 (31)	0.46		0 - 1.2
		Day 57	2020-08-24 11:26 (27)	0.40		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-12 14:53 (-17)	7.1		0 - 11
		Day 29	2020-07-29 15:13 (31)	8.8		0 - 11
		Day 57	2020-08-24 11:26 (27)	8.4		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-12 14:53 (-17)	3.12		1.7 - 7.9
		Day 29	2020-07-29 15:13 (31)	2.57		1.7 - 7.9
		Day 57	2020-08-24 11:26 (27)	2.34		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-12 14:53 (-17)	55.7		34 - 71
		Day 29	2020-07-29 15:13 (31)	49.0		34 - 71
		Day 57	2020-08-24 11:26 (27)	49.0		34 - 71
	Platelets (10^9/L)	Screening	2020-06-12 14:53 (-17)	256		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031122	Platelets (10^9/L)	Day 29	2020-07-29 15:13 (31)	269		163 - 375
		Day 57	2020-08-24 11:26 (27)	247		163 - 375
US2041096	Basophils (10^9/L)	Screening	2020-06-09 11:18 (-20)	0.03		0 - 0.3
		Day 29	2020-07-28 07:45 (30)	0.03		0 - 0.3
		Day 57	2020-08-24 07:16 (28)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-09 11:18 (-20)	0.5		0 - 3
		Day 29	2020-07-28 07:45 (30)	0.5		0 - 3
		Day 57	2020-08-24 07:16 (28)	0.5		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-09 11:18 (-20)	0.24		0 - 0.8
		Day 29	2020-07-28 07:45 (30)	0.30		0 - 0.8
		Day 57	2020-08-24 07:16 (28)	0.34		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-09 11:18 (-20)	3.6		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041096	Eosinophils/Leukocytes (%)	Day 29	2020-07-28 07:45 (30)	5.1		0 - 7
		Day 57	2020-08-24 07:16 (28)	4.6		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-09 11:18 (-20)	5.19		4.63 - 6.08
		Day 29	2020-07-28 07:45 (30)	5.21		4.63 - 6.08
		Day 57	2020-08-24 07:16 (28)	5.03		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-09 11:18 (-20)	0.479		0.37 - 0.51
		Day 29	2020-07-28 07:45 (30)	0.498		0.37 - 0.51
		Day 57	2020-08-24 07:16 (28)	0.517 (H)		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-09 11:18 (-20)	152		125 - 170
		Day 29	2020-07-28 07:45 (30)	152		125 - 170
		Day 57	2020-08-24 07:16 (28)	146	G1 Hemoglobin Decreased	125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-09 11:18 (-20)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041096	Immature Granulocytes (10^9/L)	Day 29	2020-07-28 07:45 (30)	0.03		0 - 0.07
		Day 57	2020-08-24 07:16 (28)	0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-09 11:18 (-20)	0.2		0 - 1
		Day 29	2020-07-28 07:45 (30)	0.5		0 - 1
		Day 57	2020-08-24 07:16 (28)	0.4		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-09 11:18 (-20)	6.59		3.7 - 11
		Day 29	2020-07-28 07:45 (30)	5.94		3.7 - 11
		Day 57	2020-08-24 07:16 (28)	7.32		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-09 11:18 (-20)	1.87		0.9 - 3.6
		Day 29	2020-07-28 07:45 (30)	1.92		0.9 - 3.6
		Day 57	2020-08-24 07:16 (28)	2.00		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-09 11:18 (-20)	28.4		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041096	Lymphocytes/Leukocytes (%)	Day 29	2020-07-28 07:45 (30)	32.3		12 - 46
		Day 57	2020-08-24 07:16 (28)	27.3		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-09 11:18 (-20)	0.51		0 - 1.2
		Day 29	2020-07-28 07:45 (30)	0.50		0 - 1.2
		Day 57	2020-08-24 07:16 (28)	0.54		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-09 11:18 (-20)	7.7		0 - 11
		Day 29	2020-07-28 07:45 (30)	8.4		0 - 11
		Day 57	2020-08-24 07:16 (28)	7.4		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-09 11:18 (-20)	3.93		1.7 - 7.9
		Day 29	2020-07-28 07:45 (30)	3.16		1.7 - 7.9
		Day 57	2020-08-24 07:16 (28)	4.37		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-09 11:18 (-20)	59.6		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041096	Neutrophils/Leukocytes (%)	Day 29	2020-07-28 07:45 (30)	53.2		34 - 71
		Day 57	2020-08-24 07:16 (28)	59.8		34 - 71
	Platelets (10^9/L)	Screening	2020-06-09 11:18 (-20)	214		163 - 375
		Day 29	2020-07-28 07:45 (30)	185		163 - 375
		Day 57	2020-08-24 07:16 (28)	241		163 - 375
US2041107	Basophils (10^9/L)	Screening	2020-06-11 09:49 (-15)	<0.03		0 - 0.3
		Unscheduled	2020-06-19 11:28 (-7)	0.03		0 - 0.3
		Day 29	2020-07-27 10:39 (32)	0.03		0 - 0.3
		Day 57	2020-08-24 08:52 (29)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-11 09:49 (-15)	0.5		0 - 3
		Unscheduled	2020-06-19 11:28 (-7)	0.7		0 - 3
		Day 29	2020-07-27 10:39 (32)	0.7		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041107	Basophils/Leukocytes (%)	Day 57	2020-08-24 08:52 (29)	0.8		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-11 09:49 (-15)	0.10		0 - 0.8
		Unscheduled	2020-06-19 11:28 (-7)	0.09		0 - 0.8
		Day 29	2020-07-27 10:39 (32)	0.10		0 - 0.8
		Day 57	2020-08-24 08:52 (29)	0.13		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-11 09:49 (-15)	2.6		0 - 7
		Unscheduled	2020-06-19 11:28 (-7)	2.0		0 - 7
		Day 29	2020-07-27 10:39 (32)	2.4		0 - 7
		Day 57	2020-08-24 08:52 (29)	2.5		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-11 09:49 (-15)	4.93		4.63 - 6.08
		Unscheduled	2020-06-19 11:28 (-7)	5.04		4.63 - 6.08
		Day 29	2020-07-27 10:39 (32)	4.94		4.63 - 6.08

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041107	Erythrocytes (10^12/L)	Day 57	2020-08-24 08:52 (29)	5.17		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-11 09:49 (-15)	0.474		0.37 - 0.51
		Unscheduled	2020-06-19 11:28 (-7)	0.474		0.37 - 0.51
		Day 29	2020-07-27 10:39 (32)	0.476		0.37 - 0.51
		Day 57	2020-08-24 08:52 (29)	0.544 (H)		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-11 09:49 (-15)	148		125 - 170
		Unscheduled	2020-06-19 11:28 (-7)	150		125 - 170
		Day 29	2020-07-27 10:39 (32)	148	G1 Hemoglobin Decreased	125 - 170
		Day 57	2020-08-24 08:52 (29)	155		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-11 09:49 (-15)	<0.03		0 - 0.07
		Unscheduled	2020-06-19 11:28 (-7)	<0.03		0 - 0.07
		Day 29	2020-07-27 10:39 (32)	0.04		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041107	Immature Granulocytes (10^9/L)	Day 57	2020-08-24 08:52 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-11 09:49 (-15)	0.5		0 - 1
		Unscheduled	2020-06-19 11:28 (-7)	0.5		0 - 1
		Day 29	2020-07-27 10:39 (32)	1.0		0 - 1
		Day 57	2020-08-24 08:52 (29)	0.4		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-11 09:49 (-15)	3.91		3.7 - 11
		Unscheduled	2020-06-19 11:28 (-7)	4.40		3.7 - 11
		Day 29	2020-07-27 10:39 (32)	4.21		3.7 - 11
		Day 57	2020-08-24 08:52 (29)	5.13		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-11 09:49 (-15)	0.83 (L)	G1 Lymphocytes Decreased	0.9 - 3.6
		Unscheduled	2020-06-19 11:28 (-7)	0.92	G1 Lymphocytes Decreased	0.9 - 3.6
		Day 29	2020-07-27 10:39 (32)	0.99	G1 Lymphocytes Decreased	0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041107	Lymphocytes (10^9/L)	Day 57	2020-08-24 08:52 (29)	1.23		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-11 09:49 (-15)	21.2		12 - 46
		Unscheduled	2020-06-19 11:28 (-7)	20.9		12 - 46
		Day 29	2020-07-27 10:39 (32)	23.5		12 - 46
		Day 57	2020-08-24 08:52 (29)	24.0		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-11 09:49 (-15)	0.39		0 - 1.2
		Unscheduled	2020-06-19 11:28 (-7)	0.48		0 - 1.2
		Day 29	2020-07-27 10:39 (32)	0.39		0 - 1.2
		Day 57	2020-08-24 08:52 (29)	0.22		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-11 09:49 (-15)	10.0		0 - 11
		Unscheduled	2020-06-19 11:28 (-7)	10.9		0 - 11
		Day 29	2020-07-27 10:39 (32)	9.3		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041107	Monocytes/Leukocytes (%)	Day 57	2020-08-24 08:52 (29)	4.3		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-11 09:49 (-15)	2.55		1.7 - 7.9
		Unscheduled	2020-06-19 11:28 (-7)	2.86		1.7 - 7.9
		Day 29	2020-07-27 10:39 (32)	2.66		1.7 - 7.9
		Day 57	2020-08-24 08:52 (29)	3.49		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-11 09:49 (-15)	65.2		34 - 71
		Unscheduled	2020-06-19 11:28 (-7)	65.0		34 - 71
		Day 29	2020-07-27 10:39 (32)	63.1		34 - 71
		Day 57	2020-08-24 08:52 (29)	68.0		34 - 71
	Platelets (10^9/L)	Screening	2020-06-11 09:49 (-15)	266		163 - 375
		Unscheduled	2020-06-19 11:28 (-7)	258		163 - 375
		Day 29	2020-07-27 10:39 (32)	253		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041107	Platelets (10^9/L)	Day 57	2020-08-24 08:52 (29)	278		163 - 375
US2041108	Basophils (10^9/L)	Screening	2020-06-11 09:36 (-15)	0.04		0 - 0.3
		Day 57	2020-08-24 10:17 (29)	0.05		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-11 09:36 (-15)	0.6		0 - 3
		Day 57	2020-08-24 10:17 (29)	1.0		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-11 09:36 (-15)	0.09		0 - 0.8
		Day 57	2020-08-24 10:17 (29)	0.12		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-11 09:36 (-15)	1.4		0 - 7
		Day 57	2020-08-24 10:17 (29)	2.3		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-11 09:36 (-15)	4.79		3.7 - 5.2
		Day 57	2020-08-24 10:17 (29)	4.39		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-11 09:36 (-15)	0.462		0.33 - 0.47

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041108	Hematocrit (L/L)	Day 57	2020-08-24 10:17 (29)	0.462		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-11 09:36 (-15)	138		110 - 155
		Day 57	2020-08-24 10:17 (29)	127	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-11 09:36 (-15)	<0.03		0 - 0.07
		Day 57	2020-08-24 10:17 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-11 09:36 (-15)	0.2		0 - 1
		Day 57	2020-08-24 10:17 (29)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-11 09:36 (-15)	6.39		3.7 - 11
		Day 57	2020-08-24 10:17 (29)	5.12		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-11 09:36 (-15)	2.27		0.9 - 3.6
		Day 57	2020-08-24 10:17 (29)	2.12		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-11 09:36 (-15)	35.5		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041108	Lymphocytes/Leukocytes (%)	Day 57	2020-08-24 10:17 (29)	41.4		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-11 09:36 (-15)	0.48		0 - 1.2
		Day 57	2020-08-24 10:17 (29)	0.37		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-11 09:36 (-15)	7.5		0 - 11
		Day 57	2020-08-24 10:17 (29)	7.2		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-11 09:36 (-15)	3.50		1.7 - 7.9
		Day 57	2020-08-24 10:17 (29)	2.45		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-11 09:36 (-15)	54.8		34 - 71
		Day 57	2020-08-24 10:17 (29)	47.9		34 - 71
	Platelets (10^9/L)	Screening	2020-06-11 09:36 (-15)	303		163 - 375
		Day 57	2020-08-24 10:17 (29)	283		163 - 375
US2041112	Basophils (10^9/L)	Screening	2020-06-11 11:56 (-15)	0.04		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041112	Basophils (10^9/L)	Day 29	2020-07-28 15:25 (33)	0.04		0 - 0.3
		Day 57	2020-09-01 15:30 (36)	0.05		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-11 11:56 (-15)	0.8		0 - 3
		Day 29	2020-07-28 15:25 (33)	0.7		0 - 3
		Day 57	2020-09-01 15:30 (36)	0.8		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-11 11:56 (-15)	0.15		0 - 0.8
		Day 29	2020-07-28 15:25 (33)	0.14		0 - 0.8
		Day 57	2020-09-01 15:30 (36)	0.21		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-11 11:56 (-15)	3.0		0 - 7
		Day 29	2020-07-28 15:25 (33)	2.4		0 - 7
		Day 57	2020-09-01 15:30 (36)	3.2		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-11 11:56 (-15)	4.96		4.63 - 6.08

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041112	Erythrocytes (10^12/L)	Day 29	2020-07-28 15:25 (33)	4.91		4.63 - 6.08
		Day 57	2020-09-01 15:30 (36)	4.99		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-11 11:56 (-15)	0.495		0.37 - 0.51
		Day 29	2020-07-28 15:25 (33)	0.516 (H)		0.37 - 0.51
		Day 57	2020-09-01 15:30 (36)	0.496		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-11 11:56 (-15)	157		125 - 170
		Day 29	2020-07-28 15:25 (33)	152	G1 Hemoglobin Decreased	125 - 170
		Day 57	2020-09-01 15:30 (36)	158		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-11 11:56 (-15)	<0.03		0 - 0.07
		Day 29	2020-07-28 15:25 (33)	<0.03		0 - 0.07
		Day 57	2020-09-01 15:30 (36)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-11 11:56 (-15)	0.2		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041112	Immature Granulocytes/Leukocytes (%)	Day 29	2020-07-28 15:25 (33)	0.3		0 - 1
		Day 57	2020-09-01 15:30 (36)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-11 11:56 (-15)	4.97		3.7 - 11
		Day 29	2020-07-28 15:25 (33)	5.77		3.7 - 11
		Day 57	2020-09-01 15:30 (36)	6.60		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-11 11:56 (-15)	1.32		0.9 - 3.6
		Day 29	2020-07-28 15:25 (33)	1.79		0.9 - 3.6
		Day 57	2020-09-01 15:30 (36)	2.11		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-11 11:56 (-15)	26.6		12 - 46
		Day 29	2020-07-28 15:25 (33)	31.0		12 - 46
		Day 57	2020-09-01 15:30 (36)	32.0		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-11 11:56 (-15)	0.67		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041112	Monocytes (10^9/L)	Day 29	2020-07-28 15:25 (33)	0.76		0 - 1.2
		Day 57	2020-09-01 15:30 (36)	0.95		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-11 11:56 (-15)	13.5 (H)		0 - 11
		Day 29	2020-07-28 15:25 (33)	13.2 (H)		0 - 11
		Day 57	2020-09-01 15:30 (36)	14.4 (H)		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-11 11:56 (-15)	2.78		1.7 - 7.9
		Day 29	2020-07-28 15:25 (33)	3.02		1.7 - 7.9
		Day 57	2020-09-01 15:30 (36)	3.26		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-11 11:56 (-15)	55.9		34 - 71
		Day 29	2020-07-28 15:25 (33)	52.4		34 - 71
		Day 57	2020-09-01 15:30 (36)	49.3		34 - 71
	Platelets (10^9/L)	Screening	2020-06-11 11:56 (-15)	195		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041112	Platelets (10^9/L)	Day 29	2020-07-28 15:25 (33)	183		163 - 375
		Day 57	2020-09-01 15:30 (36)	203		163 - 375
US2041117	Basophils (10^9/L)	Screening	2020-06-11 14:55 (-15)	0.07		0 - 0.3
		Day 29	2020-07-28 15:52 (33)	0.07		0 - 0.3
		Day 57	2020-08-25 17:30 (29)	0.07		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-11 14:55 (-15)	1.2		0 - 3
		Day 29	2020-07-28 15:52 (33)	1.1		0 - 3
		Day 57	2020-08-25 17:30 (29)	1.5		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-11 14:55 (-15)	0.22		0 - 0.8
		Day 29	2020-07-28 15:52 (33)	0.20		0 - 0.8
		Day 57	2020-08-25 17:30 (29)	0.33		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-11 14:55 (-15)	3.8		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041117	Eosinophils/Leukocytes (%)	Day 29	2020-07-28 15:52 (33)	3.0		0 - 7
		Day 57	2020-08-25 17:30 (29)	6.9		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-11 14:55 (-15)	4.97		3.7 - 5.2
		Day 29	2020-07-28 15:52 (33)	5.16		3.7 - 5.2
		Day 57	2020-08-25 17:30 (29)	4.69		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-11 14:55 (-15)	0.474 (H)		0.33 - 0.47
		Day 29	2020-07-28 15:52 (33)	0.510 (H)		0.33 - 0.47
		Day 57	2020-08-25 17:30 (29)	0.459		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-11 14:55 (-15)	151		110 - 155
		Day 29	2020-07-28 15:52 (33)	156 (H)		110 - 155
		Day 57	2020-08-25 17:30 (29)	142	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-11 14:55 (-15)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041117	Immature Granulocytes (10^9/L)	Day 29	2020-07-28 15:52 (33)	<0.03		0 - 0.07
		Day 57	2020-08-25 17:30 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-11 14:55 (-15)	0.3		0 - 1
		Day 29	2020-07-28 15:52 (33)	0.0		0 - 1
		Day 57	2020-08-25 17:30 (29)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-11 14:55 (-15)	5.81		3.7 - 11
		Day 29	2020-07-28 15:52 (33)	6.60		3.7 - 11
		Day 57	2020-08-25 17:30 (29)	4.77		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-11 14:55 (-15)	1.35		0.9 - 3.6
		Day 29	2020-07-28 15:52 (33)	1.43		0.9 - 3.6
		Day 57	2020-08-25 17:30 (29)	1.68		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-11 14:55 (-15)	23.2		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041117	Lymphocytes/Leukocytes (%)	Day 29	2020-07-28 15:52 (33)	21.7		12 - 46
		Day 57	2020-08-25 17:30 (29)	35.2		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-11 14:55 (-15)	0.44		0 - 1.2
		Day 29	2020-07-28 15:52 (33)	0.59		0 - 1.2
		Day 57	2020-08-25 17:30 (29)	0.45		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-11 14:55 (-15)	7.6		0 - 11
		Day 29	2020-07-28 15:52 (33)	8.9		0 - 11
		Day 57	2020-08-25 17:30 (29)	9.4		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-11 14:55 (-15)	3.71		1.7 - 7.9
		Day 29	2020-07-28 15:52 (33)	4.31		1.7 - 7.9
		Day 57	2020-08-25 17:30 (29)	2.23		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-11 14:55 (-15)	63.9		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041117	Neutrophils/Leukocytes (%)	Day 29	2020-07-28 15:52 (33)	65.3		34 - 71
		Day 57	2020-08-25 17:30 (29)	46.8		34 - 71
	Platelets (10^9/L)	Screening	2020-06-11 14:55 (-15)	236		163 - 375
		Day 29	2020-07-28 15:52 (33)	225		163 - 375
		Day 57	2020-08-25 17:30 (29)	222		163 - 375
US2041120	Basophils (10^9/L)	Screening	2020-06-11 16:40 (-19)	0.10		0 - 0.3
		Day 29	2020-07-28 09:09 (29)	0.10		0 - 0.3
		Day 57	2020-08-24 08:16 (28)	0.08		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-11 16:40 (-19)	1.6		0 - 3
		Day 29	2020-07-28 09:09 (29)	1.9		0 - 3
		Day 57	2020-08-24 08:16 (28)	1.6		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-11 16:40 (-19)	0.08		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041120	Eosinophils (10^9/L)	Day 29	2020-07-28 09:09 (29)	0.13		0 - 0.8
		Day 57	2020-08-24 08:16 (28)	0.13		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-11 16:40 (-19)	1.3		0 - 7
		Day 29	2020-07-28 09:09 (29)	2.5		0 - 7
		Day 57	2020-08-24 08:16 (28)	2.6		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-11 16:40 (-19)	4.26		3.7 - 5.2
		Day 29	2020-07-28 09:09 (29)	4.29		3.7 - 5.2
		Day 57	2020-08-24 08:16 (28)	4.12		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-11 16:40 (-19)	0.438		0.33 - 0.47
		Day 29	2020-07-28 09:09 (29)	0.441		0.33 - 0.47
		Day 57	2020-08-24 08:16 (28)	0.459		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-11 16:40 (-19)	134		110 - 155

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041120	Hemoglobin (g/L)	Day 29	2020-07-28 09:09 (29)	138		110 - 155
		Day 57	2020-08-24 08:16 (28)	132	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-11 16:40 (-19)	<0.03		0 - 0.07
		Day 29	2020-07-28 09:09 (29)	<0.03		0 - 0.07
		Day 57	2020-08-24 08:16 (28)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-11 16:40 (-19)	0.3		0 - 1
		Day 29	2020-07-28 09:09 (29)	0.2		0 - 1
		Day 57	2020-08-24 08:16 (28)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-11 16:40 (-19)	6.33		3.7 - 11
		Day 29	2020-07-28 09:09 (29)	5.14		3.7 - 11
		Day 57	2020-08-24 08:16 (28)	5.01		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-11 16:40 (-19)	2.58		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041120	Lymphocytes (10^9/L)	Day 29	2020-07-28 09:09 (29)	1.93		0.9 - 3.6
		Day 57	2020-08-24 08:16 (28)	2.16		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-11 16:40 (-19)	40.8		12 - 46
		Day 29	2020-07-28 09:09 (29)	37.5		12 - 46
		Day 57	2020-08-24 08:16 (28)	43.1		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-11 16:40 (-19)	0.53		0 - 1.2
		Day 29	2020-07-28 09:09 (29)	0.57		0 - 1.2
		Day 57	2020-08-24 08:16 (28)	0.34		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-11 16:40 (-19)	8.4		0 - 11
		Day 29	2020-07-28 09:09 (29)	11.1 (H)		0 - 11
		Day 57	2020-08-24 08:16 (28)	6.8		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-11 16:40 (-19)	3.02		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041120	Neutrophils (10^9/L)	Day 29	2020-07-28 09:09 (29)	2.40		1.7 - 7.9
		Day 57	2020-08-24 08:16 (28)	2.29		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-11 16:40 (-19)	47.6		34 - 71
		Day 29	2020-07-28 09:09 (29)	46.8		34 - 71
		Day 57	2020-08-24 08:16 (28)	45.7		34 - 71
	Platelets (10^9/L)	Screening	2020-06-11 16:40 (-19)	210		163 - 375
		Day 29	2020-07-28 09:09 (29)	200		163 - 375
		Day 57	2020-08-24 08:16 (28)	220		163 - 375
US2041122	Basophils (10^9/L)	Screening	2020-06-12 09:05 (-17)	0.03		0 - 0.3
		Day 29	2020-07-27 13:33 (29)	0.03		0 - 0.3
		Day 57	2020-08-24 09:42 (29)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-12 09:05 (-17)	0.5		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041122	Basophils/Leukocytes (%)	Day 29	2020-07-27 13:33 (29)	0.3		0 - 3
		Day 57	2020-08-24 09:42 (29)	0.4		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-12 09:05 (-17)	0.20		0 - 0.8
		Day 29	2020-07-27 13:33 (29)	0.26		0 - 0.8
		Day 57	2020-08-24 09:42 (29)	0.29		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-12 09:05 (-17)	3.1		0 - 7
		Day 29	2020-07-27 13:33 (29)	2.9		0 - 7
		Day 57	2020-08-24 09:42 (29)	3.8		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-12 09:05 (-17)	4.62		3.7 - 5.2
		Day 29	2020-07-27 13:33 (29)	4.25		3.7 - 5.2
		Day 57	2020-08-24 09:42 (29)	4.50		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-12 09:05 (-17)	0.488 (H)		0.33 - 0.47

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041122	Hematocrit (L/L)	Day 29	2020-07-27 13:33 (29)	0.446		0.33 - 0.47
		Day 57	2020-08-24 09:42 (29)	0.517 (H)		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-12 09:05 (-17)	146		110 - 155
		Day 29	2020-07-27 13:33 (29)	136	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-24 09:42 (29)	144	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-12 09:05 (-17)	<0.03		0 - 0.07
		Day 29	2020-07-27 13:33 (29)	<0.03		0 - 0.07
		Day 57	2020-08-24 09:42 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-12 09:05 (-17)	0.3		0 - 1
		Day 29	2020-07-27 13:33 (29)	0.1		0 - 1
		Day 57	2020-08-24 09:42 (29)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-12 09:05 (-17)	6.39		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041122	Leukocytes (10^9/L)	Day 29	2020-07-27 13:33 (29)	8.85		3.7 - 11
		Day 57	2020-08-24 09:42 (29)	7.63		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-12 09:05 (-17)	1.88		0.9 - 3.6
		Day 29	2020-07-27 13:33 (29)	2.08		0.9 - 3.6
		Day 57	2020-08-24 09:42 (29)	1.88		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-12 09:05 (-17)	29.4		12 - 46
		Day 29	2020-07-27 13:33 (29)	23.5		12 - 46
		Day 57	2020-08-24 09:42 (29)	24.6		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-12 09:05 (-17)	0.51		0 - 1.2
		Day 29	2020-07-27 13:33 (29)	0.60		0 - 1.2
		Day 57	2020-08-24 09:42 (29)	0.26		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-12 09:05 (-17)	8.0		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041122	Monocytes/Leukocytes (%)	Day 29	2020-07-27 13:33 (29)	6.8		0 - 11
		Day 57	2020-08-24 09:42 (29)	3.4		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-12 09:05 (-17)	3.75		1.7 - 7.9
		Day 29	2020-07-27 13:33 (29)	5.87		1.7 - 7.9
		Day 57	2020-08-24 09:42 (29)	5.15		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-12 09:05 (-17)	58.7		34 - 71
		Day 29	2020-07-27 13:33 (29)	66.4		34 - 71
		Day 57	2020-08-24 09:42 (29)	67.5		34 - 71
	Platelets (10^9/L)	Screening	2020-06-12 09:05 (-17)	361		163 - 375
		Day 29	2020-07-27 13:33 (29)	335		163 - 375
		Day 57	2020-08-24 09:42 (29)	352		163 - 375
US2041123	Basophils (10^9/L)	Screening	2020-06-12 09:18 (-14)	0.03		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041123	Basophils (10^9/L)	Day 29	2020-07-24 09:05 (29)	<0.03		0 - 0.3
		Day 57	2020-08-21 08:20 (29)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-12 09:18 (-14)	0.7		0 - 3
		Day 29	2020-07-24 09:05 (29)	0.5		0 - 3
		Day 57	2020-08-21 08:20 (29)	0.7		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-12 09:18 (-14)	0.10		0 - 0.8
		Day 29	2020-07-24 09:05 (29)	0.09		0 - 0.8
		Day 57	2020-08-21 08:20 (29)	0.10		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-12 09:18 (-14)	2.3		0 - 7
		Day 29	2020-07-24 09:05 (29)	2.3		0 - 7
		Day 57	2020-08-21 08:20 (29)	2.3		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-12 09:18 (-14)	4.42		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041123	Erythrocytes (10^12/L)	Day 29	2020-07-24 09:05 (29)	4.39		3.7 - 5.2
		Day 57	2020-08-21 08:20 (29)	4.61		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-12 09:18 (-14)	0.443		0.33 - 0.47
		Day 29	2020-07-24 09:05 (29)	0.443		0.33 - 0.47
		Day 57	2020-08-21 08:20 (29)	0.456		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-12 09:18 (-14)	139		110 - 155
		Day 29	2020-07-24 09:05 (29)	137	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-21 08:20 (29)	144		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-12 09:18 (-14)	<0.03		0 - 0.07
		Day 29	2020-07-24 09:05 (29)	<0.03		0 - 0.07
		Day 57	2020-08-21 08:20 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-12 09:18 (-14)	0.2		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041123	Immature Granulocytes/Leukocytes (%)	Day 29	2020-07-24 09:05 (29)	0.3		0 - 1
		Day 57	2020-08-21 08:20 (29)	0.0		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-12 09:18 (-14)	4.34		3.7 - 11
		Day 29	2020-07-24 09:05 (29)	3.98		3.7 - 11
		Day 57	2020-08-21 08:20 (29)	4.33		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-12 09:18 (-14)	1.76		0.9 - 3.6
		Day 29	2020-07-24 09:05 (29)	1.82		0.9 - 3.6
		Day 57	2020-08-21 08:20 (29)	2.25		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-12 09:18 (-14)	40.6		12 - 46
		Day 29	2020-07-24 09:05 (29)	45.7		12 - 46
		Day 57	2020-08-21 08:20 (29)	52.0 (H)		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-12 09:18 (-14)	0.35		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041123	Monocytes (10^9/L)	Day 29	2020-07-24 09:05 (29)	0.28		0 - 1.2
		Day 57	2020-08-21 08:20 (29)	0.28		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-12 09:18 (-14)	8.1		0 - 11
		Day 29	2020-07-24 09:05 (29)	7.0		0 - 11
		Day 57	2020-08-21 08:20 (29)	6.5		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-12 09:18 (-14)	2.09		1.7 - 7.9
		Day 29	2020-07-24 09:05 (29)	1.76	G1 Neutrophils Decreased	1.7 - 7.9
		Day 57	2020-08-21 08:20 (29)	1.67 (L)	G1 Neutrophils Decreased	1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-12 09:18 (-14)	48.1		34 - 71
		Day 29	2020-07-24 09:05 (29)	44.2		34 - 71
		Day 57	2020-08-21 08:20 (29)	38.5		34 - 71
	Platelets (10^9/L)	Screening	2020-06-12 09:18 (-14)	288		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041123	Platelets (10^9/L)	Day 29	2020-07-24 09:05 (29)	212		163 - 375
		Day 57	2020-08-21 08:20 (29)	224		163 - 375
US2041125	Basophils (10^9/L)	Screening	2020-06-12 11:30 (-17)	<0.03		0 - 0.3
		Day 29	2020-07-28 15:56 (30)	<0.03		0 - 0.3
		Day 57	2020-08-25 15:52 (29)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-12 11:30 (-17)	0.4		0 - 3
		Day 29	2020-07-28 15:56 (30)	0.3		0 - 3
		Day 57	2020-08-25 15:52 (29)	0.6		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-12 11:30 (-17)	0.13		0 - 0.8
		Day 29	2020-07-28 15:56 (30)	0.12		0 - 0.8
		Day 57	2020-08-25 15:52 (29)	0.14		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-12 11:30 (-17)	2.6		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041125	Eosinophils/Leukocytes (%)	Day 29	2020-07-28 15:56 (30)	2.1		0 - 7
		Day 57	2020-08-25 15:52 (29)	2.7		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-12 11:30 (-17)	4.72		3.7 - 5.2
		Day 29	2020-07-28 15:56 (30)	4.75		3.7 - 5.2
		Day 57	2020-08-25 15:52 (29)	4.79		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-12 11:30 (-17)	0.467		0.33 - 0.47
		Day 29	2020-07-28 15:56 (30)	0.498 (H)		0.33 - 0.47
		Day 57	2020-08-25 15:52 (29)	0.495 (H)		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-12 11:30 (-17)	143		110 - 155
		Day 29	2020-07-28 15:56 (30)	144		110 - 155
		Day 57	2020-08-25 15:52 (29)	142	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-12 11:30 (-17)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041125	Immature Granulocytes (10^9/L)	Day 29	2020-07-28 15:56 (30)	<0.03		0 - 0.07
		Day 57	2020-08-25 15:52 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-12 11:30 (-17)	0.2		0 - 1
		Day 29	2020-07-28 15:56 (30)	0.2		0 - 1
		Day 57	2020-08-25 15:52 (29)	0.4		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-12 11:30 (-17)	4.97		3.7 - 11
		Day 29	2020-07-28 15:56 (30)	5.74		3.7 - 11
		Day 57	2020-08-25 15:52 (29)	5.17		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-12 11:30 (-17)	2.05		0.9 - 3.6
		Day 29	2020-07-28 15:56 (30)	2.31		0.9 - 3.6
		Day 57	2020-08-25 15:52 (29)	2.21		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-12 11:30 (-17)	41.2		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041125	Lymphocytes/Leukocytes (%)	Day 29	2020-07-28 15:56 (30)	40.2		12 - 46
		Day 57	2020-08-25 15:52 (29)	42.7		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-12 11:30 (-17)	0.44		0 - 1.2
		Day 29	2020-07-28 15:56 (30)	0.39		0 - 1.2
		Day 57	2020-08-25 15:52 (29)	0.45		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-12 11:30 (-17)	8.9		0 - 11
		Day 29	2020-07-28 15:56 (30)	6.8		0 - 11
		Day 57	2020-08-25 15:52 (29)	8.7		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-12 11:30 (-17)	2.32		1.7 - 7.9
		Day 29	2020-07-28 15:56 (30)	2.89		1.7 - 7.9
		Day 57	2020-08-25 15:52 (29)	2.32		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-12 11:30 (-17)	46.7		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041125	Neutrophils/Leukocytes (%)	Day 29	2020-07-28 15:56 (30)	50.4		34 - 71
		Day 57	2020-08-25 15:52 (29)	44.9		34 - 71
	Platelets (10^9/L)	Screening	2020-06-12 11:30 (-17)	288		163 - 375
		Day 29	2020-07-28 15:56 (30)	319		163 - 375
		Day 57	2020-08-25 15:52 (29)	291		163 - 375
US2041126	Basophils (10^9/L)	Screening	2020-06-12 12:00 (-14)	0.07		0 - 0.3
		Day 29	2020-07-28 10:30 (33)	0.08		0 - 0.3
		Day 57	2020-08-28 09:45 (32)	0.07		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-12 12:00 (-14)	1.2		0 - 3
		Day 29	2020-07-28 10:30 (33)	1.5		0 - 3
		Day 57	2020-08-28 09:45 (32)	1.3		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-12 12:00 (-14)	0.31		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041126	Eosinophils (10^9/L)	Day 29	2020-07-28 10:30 (33)	0.26		0 - 0.8
		Day 57	2020-08-28 09:45 (32)	0.40		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-12 12:00 (-14)	5.3		0 - 7
		Day 29	2020-07-28 10:30 (33)	4.8		0 - 7
		Day 57	2020-08-28 09:45 (32)	7.4 (H)		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-12 12:00 (-14)	4.86		3.7 - 5.2
		Day 29	2020-07-28 10:30 (33)	4.79		3.7 - 5.2
		Day 57	2020-08-28 09:45 (32)	4.76		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-12 12:00 (-14)	0.479 (H)		0.33 - 0.47
		Day 29	2020-07-28 10:30 (33)	0.470		0.33 - 0.47
		Day 57	2020-08-28 09:45 (32)	0.482 (H)		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-12 12:00 (-14)	146		110 - 155

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041126	Hemoglobin (g/L)	Day 29	2020-07-28 10:30 (33)	146		110 - 155
		Day 57	2020-08-28 09:45 (32)	144	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-12 12:00 (-14)	<0.03		0 - 0.07
		Day 29	2020-07-28 10:30 (33)	<0.03		0 - 0.07
		Day 57	2020-08-28 09:45 (32)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-12 12:00 (-14)	0.3		0 - 1
		Day 29	2020-07-28 10:30 (33)	0.0		0 - 1
		Day 57	2020-08-28 09:45 (32)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-12 12:00 (-14)	5.81		3.7 - 11
		Day 29	2020-07-28 10:30 (33)	5.38		3.7 - 11
		Day 57	2020-08-28 09:45 (32)	5.43		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-12 12:00 (-14)	1.83		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041126	Lymphocytes (10^9/L)	Day 29	2020-07-28 10:30 (33)	1.70		0.9 - 3.6
		Day 57	2020-08-28 09:45 (32)	1.76		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-12 12:00 (-14)	31.5		12 - 46
		Day 29	2020-07-28 10:30 (33)	31.6		12 - 46
		Day 57	2020-08-28 09:45 (32)	32.4		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-12 12:00 (-14)	0.46		0 - 1.2
		Day 29	2020-07-28 10:30 (33)	0.42		0 - 1.2
		Day 57	2020-08-28 09:45 (32)	0.55		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-12 12:00 (-14)	7.9		0 - 11
		Day 29	2020-07-28 10:30 (33)	7.8		0 - 11
		Day 57	2020-08-28 09:45 (32)	10.1		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-12 12:00 (-14)	3.12		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041126	Neutrophils (10^9/L)	Day 29	2020-07-28 10:30 (33)	2.92		1.7 - 7.9
		Day 57	2020-08-28 09:45 (32)	2.64		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-12 12:00 (-14)	53.8		34 - 71
		Day 29	2020-07-28 10:30 (33)	54.3		34 - 71
		Day 57	2020-08-28 09:45 (32)	48.6		34 - 71
	Platelets (10^9/L)	Screening	2020-06-12 12:00 (-14)	182		163 - 375
		Day 29	2020-07-28 10:30 (33)	177		163 - 375
		Day 57	2020-08-28 09:45 (32)	187		163 - 375
US2041131	Basophils (10^9/L)	Screening	2020-06-15 10:24 (-14)	0.03		0 - 0.3
		Day 29	2020-08-10 09:25 (43)	0.03		0 - 0.3
		Day 57	2020-09-15 15:20 (37)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-15 10:24 (-14)	0.6		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041131	Basophils/Leukocytes (%)	Day 29	2020-08-10 09:25 (43)	0.6		0 - 3
		Day 57	2020-09-15 15:20 (37)	0.7		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-15 10:24 (-14)	0.20		0 - 0.8
		Day 29	2020-08-10 09:25 (43)	0.22		0 - 0.8
		Day 57	2020-09-15 15:20 (37)	0.27		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-15 10:24 (-14)	4.0		0 - 7
		Day 29	2020-08-10 09:25 (43)	4.7		0 - 7
		Day 57	2020-09-15 15:20 (37)	4.5		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-15 10:24 (-14)	5.07		4.63 - 6.08
		Day 29	2020-08-10 09:25 (43)	4.96		4.63 - 6.08
		Day 57	2020-09-15 15:20 (37)	4.84		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-15 10:24 (-14)	0.509		0.37 - 0.51

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041131	Hematocrit (L/L)	Day 29	2020-08-10 09:25 (43)	0.495		0.37 - 0.51
		Day 57	2020-09-15 15:20 (37)	0.470		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-15 10:24 (-14)	159		125 - 170
		Day 29	2020-08-10 09:25 (43)	153	G1 Hemoglobin Decreased	125 - 170
		Day 57	2020-09-15 15:20 (37)	150	G1 Hemoglobin Decreased	125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-15 10:24 (-14)	<0.03		0 - 0.07
		Day 29	2020-08-10 09:25 (43)	0.03		0 - 0.07
		Day 57	2020-09-15 15:20 (37)	0.05		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-15 10:24 (-14)	0.4		0 - 1
		Day 29	2020-08-10 09:25 (43)	0.6		0 - 1
		Day 57	2020-09-15 15:20 (37)	0.8		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-15 10:24 (-14)	4.94		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041131	Leukocytes (10^9/L)	Day 29	2020-08-10 09:25 (43)	4.69		3.7 - 11
		Day 57	2020-09-15 15:20 (37)	5.95		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-15 10:24 (-14)	0.95	G1 Lymphocytes Decreased	0.9 - 3.6
		Day 29	2020-08-10 09:25 (43)	1.04		0.9 - 3.6
		Day 57	2020-09-15 15:20 (37)	1.32		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-15 10:24 (-14)	19.2		12 - 46
		Day 29	2020-08-10 09:25 (43)	22.2		12 - 46
		Day 57	2020-09-15 15:20 (37)	22.2		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-15 10:24 (-14)	0.40		0 - 1.2
		Day 29	2020-08-10 09:25 (43)	0.38		0 - 1.2
		Day 57	2020-09-15 15:20 (37)	0.41		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-15 10:24 (-14)	8.1		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041131	Monocytes/Leukocytes (%)	Day 29	2020-08-10 09:25 (43)	8.1		0 - 11
		Day 57	2020-09-15 15:20 (37)	6.9		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-15 10:24 (-14)	3.34		1.7 - 7.9
		Day 29	2020-08-10 09:25 (43)	2.99		1.7 - 7.9
		Day 57	2020-09-15 15:20 (37)	3.86		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-15 10:24 (-14)	67.7		34 - 71
		Day 29	2020-08-10 09:25 (43)	63.8		34 - 71
		Day 57	2020-09-15 15:20 (37)	64.9		34 - 71
	Platelets (10^9/L)	Screening	2020-06-15 10:24 (-14)	192		163 - 375
		Day 29	2020-08-10 09:25 (43)	180		163 - 375
		Day 57	2020-09-15 15:20 (37)	195		163 - 375
US2041136	Basophils (10^9/L)	Screening	2020-06-15 16:10 (-16)	0.06		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041136	Basophils (10^9/L)	Day 29	2020-08-03 14:57 (34)	0.06		0 - 0.3
		Day 57	2020-09-01 13:23 (30)	0.05		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-15 16:10 (-16)	1.4		0 - 3
		Day 29	2020-08-03 14:57 (34)	1.3		0 - 3
		Day 57	2020-09-01 13:23 (30)	1.1		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-15 16:10 (-16)	0.13		0 - 0.8
		Day 29	2020-08-03 14:57 (34)	0.07		0 - 0.8
		Day 57	2020-09-01 13:23 (30)	0.11		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-15 16:10 (-16)	3.0		0 - 7
		Day 29	2020-08-03 14:57 (34)	1.5		0 - 7
		Day 57	2020-09-01 13:23 (30)	2.4		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-15 16:10 (-16)	4.96		4.63 - 6.08

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041136	Erythrocytes (10^12/L)	Day 29	2020-08-03 14:57 (34)	5.11		4.63 - 6.08
		Day 57	2020-09-01 13:23 (30)	4.69		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-15 16:10 (-16)	0.471		0.37 - 0.51
		Day 29	2020-08-03 14:57 (34)	0.475		0.37 - 0.51
		Day 57	2020-09-01 13:23 (30)	0.435		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-15 16:10 (-16)	153		125 - 170
		Day 29	2020-08-03 14:57 (34)	158		125 - 170
		Day 57	2020-09-01 13:23 (30)	145	G1 Hemoglobin Decreased	125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-15 16:10 (-16)	<0.03		0 - 0.07
		Day 29	2020-08-03 14:57 (34)	<0.03		0 - 0.07
		Day 57	2020-09-01 13:23 (30)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-15 16:10 (-16)	0.0		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041136	Immature Granulocytes/Leukocytes (%)	Day 29	2020-08-03 14:57 (34)	0.2		0 - 1
		Day 57	2020-09-01 13:23 (30)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-15 16:10 (-16)	4.31		3.7 - 11
		Day 29	2020-08-03 14:57 (34)	4.53		3.7 - 11
		Day 57	2020-09-01 13:23 (30)	4.56		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-15 16:10 (-16)	1.91		0.9 - 3.6
		Day 29	2020-08-03 14:57 (34)	1.48		0.9 - 3.6
		Day 57	2020-09-01 13:23 (30)	1.57		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-15 16:10 (-16)	44.3		12 - 46
		Day 29	2020-08-03 14:57 (34)	32.7		12 - 46
		Day 57	2020-09-01 13:23 (30)	34.4		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-15 16:10 (-16)	0.37		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041136	Monocytes (10^9/L)	Day 29	2020-08-03 14:57 (34)	0.36		0 - 1.2
		Day 57	2020-09-01 13:23 (30)	0.28		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-15 16:10 (-16)	8.6		0 - 11
		Day 29	2020-08-03 14:57 (34)	7.9		0 - 11
		Day 57	2020-09-01 13:23 (30)	6.1		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-15 16:10 (-16)	1.84	G1 Neutrophils Decreased	1.7 - 7.9
		Day 29	2020-08-03 14:57 (34)	2.55		1.7 - 7.9
		Day 57	2020-09-01 13:23 (30)	2.54		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-15 16:10 (-16)	42.7		34 - 71
		Day 29	2020-08-03 14:57 (34)	56.4		34 - 71
		Day 57	2020-09-01 13:23 (30)	55.8		34 - 71
	Platelets (10^9/L)	Screening	2020-06-15 16:10 (-16)	177		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041136	Platelets (10^9/L)	Day 29	2020-08-03 14:57 (34)	143 (L)		163 - 375
		Day 57	2020-09-01 13:23 (30)	175		163 - 375
US2041138	Basophils (10^9/L)	Screening	2020-06-16 09:11 (-10)	<0.03		0 - 0.3
		Day 29	2020-07-24 10:10 (29)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-16 09:11 (-10)	0.4		0 - 3
		Day 29	2020-07-24 10:10 (29)	0.4		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-16 09:11 (-10)	0.06		0 - 0.8
		Day 29	2020-07-24 10:10 (29)	0.07		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-16 09:11 (-10)	1.2		0 - 7
		Day 29	2020-07-24 10:10 (29)	1.3		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-16 09:11 (-10)	5.15		4.63 - 6.08
		Day 29	2020-07-24 10:10 (29)	5.18		4.63 - 6.08

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041138	Hematocrit (L/L)	Screening	2020-06-16 09:11 (-10)	0.522 (H)		0.37 - 0.51
		Day 29	2020-07-24 10:10 (29)	0.520 (H)		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-16 09:11 (-10)	164		125 - 170
		Day 29	2020-07-24 10:10 (29)	163	G1 Hemoglobin Decreased	125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-16 09:11 (-10)	<0.03		0 - 0.07
		Day 29	2020-07-24 10:10 (29)	0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-16 09:11 (-10)	0.4		0 - 1
		Day 29	2020-07-24 10:10 (29)	0.6		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-16 09:11 (-10)	5.03		3.7 - 11
		Day 29	2020-07-24 10:10 (29)	5.27		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-16 09:11 (-10)	1.39		0.9 - 3.6
		Day 29	2020-07-24 10:10 (29)	1.51		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041138	Lymphocytes/Leukocytes (%)	Screening	2020-06-16 09:11 (-10)	27.6		12 - 46
		Day 29	2020-07-24 10:10 (29)	28.7		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-16 09:11 (-10)	0.43		0 - 1.2
		Day 29	2020-07-24 10:10 (29)	0.44		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-16 09:11 (-10)	8.5		0 - 11
		Day 29	2020-07-24 10:10 (29)	8.3		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-16 09:11 (-10)	3.11		1.7 - 7.9
		Day 29	2020-07-24 10:10 (29)	3.20		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-16 09:11 (-10)	61.9		34 - 71
		Day 29	2020-07-24 10:10 (29)	60.7		34 - 71
	Platelets (10^9/L)	Screening	2020-06-16 09:11 (-10)	194		163 - 375
		Day 29	2020-07-24 10:10 (29)	197		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041144	Basophils (10^9/L)	Screening	2020-06-16 15:23 (-10)	0.09		0 - 0.3
		Day 29	2020-07-28 11:36 (33)	0.09		0 - 0.3
		Day 57	2020-08-25 14:12 (29)	0.08		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-16 15:23 (-10)	1.4		0 - 3
		Day 29	2020-07-28 11:36 (33)	1.3		0 - 3
		Day 57	2020-08-25 14:12 (29)	1.3		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-16 15:23 (-10)	0.18		0 - 0.8
		Day 29	2020-07-28 11:36 (33)	0.22		0 - 0.8
		Day 57	2020-08-25 14:12 (29)	0.13		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-16 15:23 (-10)	2.7		0 - 7
		Day 29	2020-07-28 11:36 (33)	3.1		0 - 7
		Day 57	2020-08-25 14:12 (29)	2.1		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041144	Erythrocytes (10^12/L)	Screening	2020-06-16 15:23 (-10)	4.72		3.7 - 5.2
		Day 29	2020-07-28 11:36 (33)	4.93		3.7 - 5.2
		Day 57	2020-08-25 14:12 (29)	4.81		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-16 15:23 (-10)	0.489 (H)		0.33 - 0.47
		Day 29	2020-07-28 11:36 (33)	0.498 (H)		0.33 - 0.47
		Day 57	2020-08-25 14:12 (29)	0.499 (H)		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-16 15:23 (-10)	152		110 - 155
		Day 29	2020-07-28 11:36 (33)	155		110 - 155
		Day 57	2020-08-25 14:12 (29)	153		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-16 15:23 (-10)	<0.03		0 - 0.07
		Day 29	2020-07-28 11:36 (33)	<0.03		0 - 0.07
		Day 57	2020-08-25 14:12 (29)	0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041144	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-16 15:23 (-10)	0.2		0 - 1
		Day 29	2020-07-28 11:36 (33)	0.3		0 - 1
		Day 57	2020-08-25 14:12 (29)	0.5		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-16 15:23 (-10)	6.63		3.7 - 11
		Day 29	2020-07-28 11:36 (33)	7.07		3.7 - 11
		Day 57	2020-08-25 14:12 (29)	6.11		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-16 15:23 (-10)	2.58		0.9 - 3.6
		Day 29	2020-07-28 11:36 (33)	2.71		0.9 - 3.6
		Day 57	2020-08-25 14:12 (29)	1.80		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-16 15:23 (-10)	38.9		12 - 46
		Day 29	2020-07-28 11:36 (33)	38.3		12 - 46
		Day 57	2020-08-25 14:12 (29)	29.5		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041144	Monocytes (10^9/L)	Screening	2020-06-16 15:23 (-10)	0.61		0 - 1.2
		Day 29	2020-07-28 11:36 (33)	0.64		0 - 1.2
		Day 57	2020-08-25 14:12 (29)	0.53		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-16 15:23 (-10)	9.2		0 - 11
		Day 29	2020-07-28 11:36 (33)	9.1		0 - 11
		Day 57	2020-08-25 14:12 (29)	8.7		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-16 15:23 (-10)	3.16		1.7 - 7.9
		Day 29	2020-07-28 11:36 (33)	3.39		1.7 - 7.9
		Day 57	2020-08-25 14:12 (29)	3.54		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-16 15:23 (-10)	47.6		34 - 71
		Day 29	2020-07-28 11:36 (33)	47.9		34 - 71
		Day 57	2020-08-25 14:12 (29)	57.9		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041144	Platelets (10^9/L)	Screening	2020-06-16 15:23 (-10)	256		163 - 375
		Day 29	2020-07-28 11:36 (33)	210		163 - 375
		Day 57	2020-08-25 14:12 (29)	213		163 - 375
US2041149	Basophils (10^9/L)	Unscheduled	2020-06-25 08:53 (-11)	0.04		0 - 0.3
		Day 29	2020-08-03 12:02 (29)	0.05		0 - 0.3
		Day 57	2020-09-02 15:57 (31)	0.06		0 - 0.3
	Basophils/Leukocytes (%)	Unscheduled	2020-06-25 08:53 (-11)	0.6		0 - 3
		Day 29	2020-08-03 12:02 (29)	0.8		0 - 3
		Day 57	2020-09-02 15:57 (31)	0.8		0 - 3
	Eosinophils (10^9/L)	Unscheduled	2020-06-25 08:53 (-11)	0.32		0 - 0.8
		Day 29	2020-08-03 12:02 (29)	0.28		0 - 0.8
		Day 57	2020-09-02 15:57 (31)	0.13		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041149	Eosinophils/Leukocytes (%)	Unscheduled	2020-06-25 08:53 (-11)	5.1		0 - 7
		Day 29	2020-08-03 12:02 (29)	4.3		0 - 7
		Day 57	2020-09-02 15:57 (31)	1.7		0 - 7
	Erythrocytes (10^12/L)	Unscheduled	2020-06-25 08:53 (-11)	3.80		3.7 - 5.2
		Day 29	2020-08-03 12:02 (29)	3.93		3.7 - 5.2
		Day 57	2020-09-02 15:57 (31)	3.75		3.7 - 5.2
	Hematocrit (L/L)	Unscheduled	2020-06-25 08:53 (-11)	0.391		0.33 - 0.47
		Day 29	2020-08-03 12:02 (29)	0.411		0.33 - 0.47
		Day 57	2020-09-02 15:57 (31)	0.399		0.33 - 0.47
	Hemoglobin (g/L)	Unscheduled	2020-06-25 08:53 (-11)	125		110 - 155
		Day 29	2020-08-03 12:02 (29)	127		110 - 155
		Day 57	2020-09-02 15:57 (31)	126		110 - 155

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041149	Immature Granulocytes (10^9/L)	Unscheduled	2020-06-25 08:53 (-11)	<0.03		0 - 0.07
		Day 29	2020-08-03 12:02 (29)	<0.03		0 - 0.07
		Day 57	2020-09-02 15:57 (31)	0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Unscheduled	2020-06-25 08:53 (-11)	0.3		0 - 1
		Day 29	2020-08-03 12:02 (29)	0.3		0 - 1
		Day 57	2020-09-02 15:57 (31)	0.4		0 - 1
	Leukocytes (10^9/L)	Unscheduled	2020-06-25 08:53 (-11)	6.29		3.7 - 11
		Day 29	2020-08-03 12:02 (29)	6.48		3.7 - 11
		Day 57	2020-09-02 15:57 (31)	7.53		3.7 - 11
	Lymphocytes (10^9/L)	Unscheduled	2020-06-25 08:53 (-11)	2.09		0.9 - 3.6
		Day 29	2020-08-03 12:02 (29)	1.98		0.9 - 3.6
		Day 57	2020-09-02 15:57 (31)	2.26		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041149	Lymphocytes/Leukocytes (%)	Unscheduled	2020-06-25 08:53 (-11)	33.2		12 - 46
		Day 29	2020-08-03 12:02 (29)	30.6		12 - 46
		Day 57	2020-09-02 15:57 (31)	30.0		12 - 46
	Monocytes (10^9/L)	Unscheduled	2020-06-25 08:53 (-11)	0.54		0 - 1.2
		Day 29	2020-08-03 12:02 (29)	0.47		0 - 1.2
		Day 57	2020-09-02 15:57 (31)	0.46		0 - 1.2
	Monocytes/Leukocytes (%)	Unscheduled	2020-06-25 08:53 (-11)	8.6		0 - 11
		Day 29	2020-08-03 12:02 (29)	7.3		0 - 11
		Day 57	2020-09-02 15:57 (31)	6.1		0 - 11
	Neutrophils (10^9/L)	Unscheduled	2020-06-25 08:53 (-11)	3.28		1.7 - 7.9
		Day 29	2020-08-03 12:02 (29)	3.68		1.7 - 7.9
		Day 57	2020-09-02 15:57 (31)	4.59		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041149	Neutrophils/Leukocytes (%)	Unscheduled	2020-06-25 08:53 (-11)	52.2		34 - 71
		Day 29	2020-08-03 12:02 (29)	56.7		34 - 71
		Day 57	2020-09-02 15:57 (31)	61.0		34 - 71
	Platelets (10^9/L)	Unscheduled	2020-06-25 08:53 (-11)	272		163 - 375
		Day 29	2020-08-03 12:02 (29)	279		163 - 375
		Day 57	2020-09-02 15:57 (31)	271		163 - 375
US2051054	Basophils (10^9/L)	Screening	2020-06-11 11:51 (-15)	0.05		0 - 0.3
		Day 29	2020-07-24 10:07 (29)	0.04		0 - 0.3
		Day 57	2020-08-21 10:03 (29)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-11 11:51 (-15)	0.8		0 - 3
		Day 29	2020-07-24 10:07 (29)	0.6		0 - 3
		Day 57	2020-08-21 10:03 (29)	0.7		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051054	Eosinophils (10^9/L)	Screening	2020-06-11 11:51 (-15)	0.14		0 - 0.8
		Day 29	2020-07-24 10:07 (29)	0.07		0 - 0.8
		Day 57	2020-08-21 10:03 (29)	0.11		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-11 11:51 (-15)	2.3		0 - 7
		Day 29	2020-07-24 10:07 (29)	1.0		0 - 7
		Day 57	2020-08-21 10:03 (29)	2.0		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-11 11:51 (-15)	5.24		4.63 - 6.08
		Day 29	2020-07-24 10:07 (29)	5.00		4.63 - 6.08
		Day 57	2020-08-21 10:03 (29)	4.92		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-11 11:51 (-15)	0.483		0.37 - 0.51
		Day 29	2020-07-24 10:07 (29)	0.475		0.37 - 0.51
		Day 57	2020-08-21 10:03 (29)	0.464		0.37 - 0.51

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051054	Hemoglobin (g/L)	Screening	2020-06-11 11:51 (-15)	150		125 - 170
		Day 29	2020-07-24 10:07 (29)	142	G1 Hemoglobin Decreased	125 - 170
		Day 57	2020-08-21 10:03 (29)	140	G1 Hemoglobin Decreased	125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-11 11:51 (-15)	<0.03		0 - 0.07
		Day 29	2020-07-24 10:07 (29)	<0.03		0 - 0.07
		Day 57	2020-08-21 10:03 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-11 11:51 (-15)	0.2		0 - 1
		Day 29	2020-07-24 10:07 (29)	0.1		0 - 1
		Day 57	2020-08-21 10:03 (29)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-11 11:51 (-15)	6.20		3.7 - 11
		Day 29	2020-07-24 10:07 (29)	6.97		3.7 - 11
		Day 57	2020-08-21 10:03 (29)	5.44		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051054	Lymphocytes (10^9/L)	Screening	2020-06-11 11:51 (-15)	2.04		0.9 - 3.6
		Day 29	2020-07-24 10:07 (29)	1.47		0.9 - 3.6
		Day 57	2020-08-21 10:03 (29)	1.58		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-11 11:51 (-15)	32.9		12 - 46
		Day 29	2020-07-24 10:07 (29)	21.1		12 - 46
		Day 57	2020-08-21 10:03 (29)	29.0		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-11 11:51 (-15)	0.57		0 - 1.2
		Day 29	2020-07-24 10:07 (29)	0.43		0 - 1.2
		Day 57	2020-08-21 10:03 (29)	0.42		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-11 11:51 (-15)	9.2		0 - 11
		Day 29	2020-07-24 10:07 (29)	6.2		0 - 11
		Day 57	2020-08-21 10:03 (29)	7.7		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051054	Neutrophils (10^9/L)	Screening	2020-06-11 11:51 (-15)	3.39		1.7 - 7.9
		Day 29	2020-07-24 10:07 (29)	4.95		1.7 - 7.9
		Day 57	2020-08-21 10:03 (29)	3.28		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-11 11:51 (-15)	54.6		34 - 71
		Day 29	2020-07-24 10:07 (29)	71.0		34 - 71
		Day 57	2020-08-21 10:03 (29)	60.4		34 - 71
	Platelets (10^9/L)	Screening	2020-06-11 11:51 (-15)	270		163 - 375
		Day 29	2020-07-24 10:07 (29)	229		163 - 375
		Day 57	2020-08-21 10:03 (29)	239		163 - 375
US2051064	Basophils (10^9/L)	Screening	2020-06-17 10:01 (-14)	0.04		0 - 0.3
		Day 29	2020-07-29 09:25 (29)	<0.03		0 - 0.3
		Day 57	2020-08-27 08:52 (30)	0.03		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051064	Basophils/Leukocytes (%)	Screening	2020-06-17 10:01 (-14)	0.5		0 - 3
		Day 29	2020-07-29 09:25 (29)	0.3		0 - 3
		Day 57	2020-08-27 08:52 (30)	0.6		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-17 10:01 (-14)	0.03		0 - 0.8
		Day 29	2020-07-29 09:25 (29)	0.07		0 - 0.8
		Day 57	2020-08-27 08:52 (30)	0.09		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-17 10:01 (-14)	0.4		0 - 7
		Day 29	2020-07-29 09:25 (29)	1.0		0 - 7
		Day 57	2020-08-27 08:52 (30)	1.8		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-17 10:01 (-14)	4.26		3.7 - 5.2
		Day 29	2020-07-29 09:25 (29)	4.12		3.7 - 5.2
		Day 57	2020-08-27 08:52 (30)	3.88		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051064	Hematocrit (L/L)	Screening	2020-06-17 10:01 (-14)	0.435		0.33 - 0.47
		Day 29	2020-07-29 09:25 (29)	0.412		0.33 - 0.47
		Day 57	2020-08-27 08:52 (30)	0.401		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-17 10:01 (-14)	136		110 - 155
		Day 29	2020-07-29 09:25 (29)	134	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-27 08:52 (30)	123	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-17 10:01 (-14)	<0.03		0 - 0.07
		Day 29	2020-07-29 09:25 (29)	<0.03		0 - 0.07
		Day 57	2020-08-27 08:52 (30)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-17 10:01 (-14)	0.2		0 - 1
		Day 29	2020-07-29 09:25 (29)	0.3		0 - 1
		Day 57	2020-08-27 08:52 (30)	0.2		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051064	Leukocytes (10^9/L)	Screening	2020-06-17 10:01 (-14)	8.49		3.7 - 11
		Day 29	2020-07-29 09:25 (29)	7.08		3.7 - 11
		Day 57	2020-08-27 08:52 (30)	5.09		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-17 10:01 (-14)	1.56		0.9 - 3.6
		Day 29	2020-07-29 09:25 (29)	1.88		0.9 - 3.6
		Day 57	2020-08-27 08:52 (30)	1.45		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-17 10:01 (-14)	18.4		12 - 46
		Day 29	2020-07-29 09:25 (29)	26.6		12 - 46
		Day 57	2020-08-27 08:52 (30)	28.5		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-17 10:01 (-14)	0.40		0 - 1.2
		Day 29	2020-07-29 09:25 (29)	0.45		0 - 1.2
		Day 57	2020-08-27 08:52 (30)	0.29		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051064	Monocytes/Leukocytes (%)	Screening	2020-06-17 10:01 (-14)	4.7		0 - 11
		Day 29	2020-07-29 09:25 (29)	6.4		0 - 11
		Day 57	2020-08-27 08:52 (30)	5.7		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-17 10:01 (-14)	6.44		1.7 - 7.9
		Day 29	2020-07-29 09:25 (29)	4.64		1.7 - 7.9
		Day 57	2020-08-27 08:52 (30)	3.22		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-17 10:01 (-14)	75.8 (H)		34 - 71
		Day 29	2020-07-29 09:25 (29)	65.4		34 - 71
		Day 57	2020-08-27 08:52 (30)	63.2		34 - 71
	Platelets (10^9/L)	Screening	2020-06-17 10:01 (-14)	219		163 - 375
		Day 29	2020-07-29 09:25 (29)	205		163 - 375
		Day 57	2020-08-27 08:52 (30)	180		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051069	Basophils (10^9/L)	Screening	2020-06-18 09:23 (-8)	0.04		0 - 0.3
		Day 29	2020-07-28 08:26 (33)	0.04		0 - 0.3
		Day 57	2020-08-26 08:52 (30)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-18 09:23 (-8)	0.5		0 - 3
		Day 29	2020-07-28 08:26 (33)	0.8		0 - 3
		Day 57	2020-08-26 08:52 (30)	0.7		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-18 09:23 (-8)	0.17		0 - 0.8
		Day 29	2020-07-28 08:26 (33)	0.18		0 - 0.8
		Day 57	2020-08-26 08:52 (30)	0.25		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-18 09:23 (-8)	2.3		0 - 7
		Day 29	2020-07-28 08:26 (33)	3.8		0 - 7
		Day 57	2020-08-26 08:52 (30)	4.6		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051069	Erythrocytes (10^12/L)	Screening	2020-06-18 09:23 (-8)	4.41		3.7 - 5.2
		Day 29	2020-07-28 08:26 (33)	4.20		3.7 - 5.2
		Day 57	2020-08-26 08:52 (30)	4.13		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-18 09:23 (-8)	0.454		0.33 - 0.47
		Day 29	2020-07-28 08:26 (33)	0.426		0.33 - 0.47
		Day 57	2020-08-26 08:52 (30)	0.433		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-18 09:23 (-8)	140		110 - 155
		Day 29	2020-07-28 08:26 (33)	135	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-26 08:52 (30)	131	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-18 09:23 (-8)	<0.03		0 - 0.07
		Day 29	2020-07-28 08:26 (33)	<0.03		0 - 0.07
		Day 57	2020-08-26 08:52 (30)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051069	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-18 09:23 (-8)	0.3		0 - 1
		Day 29	2020-07-28 08:26 (33)	0.2		0 - 1
		Day 57	2020-08-26 08:52 (30)	0.0		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-18 09:23 (-8)	7.28		3.7 - 11
		Day 29	2020-07-28 08:26 (33)	4.75		3.7 - 11
		Day 57	2020-08-26 08:52 (30)	5.47		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-18 09:23 (-8)	1.63		0.9 - 3.6
		Day 29	2020-07-28 08:26 (33)	1.49		0.9 - 3.6
		Day 57	2020-08-26 08:52 (30)	1.63		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-18 09:23 (-8)	22.4		12 - 46
		Day 29	2020-07-28 08:26 (33)	31.4		12 - 46
		Day 57	2020-08-26 08:52 (30)	29.8		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051069	Monocytes (10^9/L)	Screening	2020-06-18 09:23 (-8)	0.32		0 - 1.2
		Day 29	2020-07-28 08:26 (33)	0.28		0 - 1.2
		Day 57	2020-08-26 08:52 (30)	0.32		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-18 09:23 (-8)	4.4		0 - 11
		Day 29	2020-07-28 08:26 (33)	5.9		0 - 11
		Day 57	2020-08-26 08:52 (30)	5.9		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-18 09:23 (-8)	5.10		1.7 - 7.9
		Day 29	2020-07-28 08:26 (33)	2.75		1.7 - 7.9
		Day 57	2020-08-26 08:52 (30)	3.23		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-18 09:23 (-8)	70.1		34 - 71
		Day 29	2020-07-28 08:26 (33)	57.9		34 - 71
		Day 57	2020-08-26 08:52 (30)	59.0		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051069	Platelets (10^9/L)	Screening	2020-06-18 09:23 (-8)	202		163 - 375
		Day 29	2020-07-28 08:26 (33)	184		163 - 375
		Day 57	2020-08-26 08:52 (30)	206		163 - 375
US2051070	Basophils (10^9/L)	Screening	2020-06-18 09:13 (-13)	<0.03		0 - 0.3
		Day 29	2020-08-03 08:34 (34)	<0.03		0 - 0.3
		Day 57	2020-08-28 08:38 (26)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-18 09:13 (-13)	0.3		0 - 3
		Day 29	2020-08-03 08:34 (34)	0.3		0 - 3
		Day 57	2020-08-28 08:38 (26)	0.3		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-18 09:13 (-13)	0.13		0 - 0.8
		Day 29	2020-08-03 08:34 (34)	0.22		0 - 0.8
		Day 57	2020-08-28 08:38 (26)	0.12		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051070	Eosinophils/Leukocytes (%)	Screening	2020-06-18 09:13 (-13)	1.7		0 - 7
		Day 29	2020-08-03 08:34 (34)	3.2		0 - 7
		Day 57	2020-08-28 08:38 (26)	1.8		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-18 09:13 (-13)	5.73		4.63 - 6.08
		Day 29	2020-08-03 08:34 (34)	5.18		4.63 - 6.08
		Day 57	2020-08-28 08:38 (26)	5.48		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-18 09:13 (-13)	0.590 (H)		0.37 - 0.51
		Day 29	2020-08-03 08:34 (34)	0.519 (H)		0.37 - 0.51
		Day 57	2020-08-28 08:38 (26)	0.564 (H)		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-18 09:13 (-13)	183 (H)		125 - 170
		Day 29	2020-08-03 08:34 (34)	164	G2 Hemoglobin Decreased	125 - 170
		Day 57	2020-08-28 08:38 (26)	173 (H)	G1 Hemoglobin Decreased	125 - 170

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051070	Immature Granulocytes (10^9/L)	Screening	2020-06-18 09:13 (-13)	0.04		0 - 0.07
		Day 29	2020-08-03 08:34 (34)	<0.03		0 - 0.07
		Day 57	2020-08-28 08:38 (26)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-18 09:13 (-13)	0.5		0 - 1
		Day 29	2020-08-03 08:34 (34)	0.3		0 - 1
		Day 57	2020-08-28 08:38 (26)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-18 09:13 (-13)	7.64		3.7 - 11
		Day 29	2020-08-03 08:34 (34)	6.91		3.7 - 11
		Day 57	2020-08-28 08:38 (26)	6.74		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-18 09:13 (-13)	2.89		0.9 - 3.6
		Day 29	2020-08-03 08:34 (34)	2.68		0.9 - 3.6
		Day 57	2020-08-28 08:38 (26)	2.19		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051070	Lymphocytes/Leukocytes (%)	Screening	2020-06-18 09:13 (-13)	37.8		12 - 46
		Day 29	2020-08-03 08:34 (34)	38.8		12 - 46
		Day 57	2020-08-28 08:38 (26)	32.5		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-18 09:13 (-13)	0.64		0 - 1.2
		Day 29	2020-08-03 08:34 (34)	0.56		0 - 1.2
		Day 57	2020-08-28 08:38 (26)	0.49		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-18 09:13 (-13)	8.4		0 - 11
		Day 29	2020-08-03 08:34 (34)	8.1		0 - 11
		Day 57	2020-08-28 08:38 (26)	7.3		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-18 09:13 (-13)	3.92		1.7 - 7.9
		Day 29	2020-08-03 08:34 (34)	3.41		1.7 - 7.9
		Day 57	2020-08-28 08:38 (26)	3.90		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051070	Neutrophils/Leukocytes (%)	Screening	2020-06-18 09:13 (-13)	51.3		34 - 71
		Day 29	2020-08-03 08:34 (34)	49.3		34 - 71
		Day 57	2020-08-28 08:38 (26)	57.8		34 - 71
	Platelets (10^9/L)	Screening	2020-06-18 09:13 (-13)	228		163 - 375
		Day 29	2020-08-03 08:34 (34)	202		163 - 375
		Day 57	2020-08-28 08:38 (26)	190		163 - 375
US2051074	Basophils (10^9/L)	Screening	2020-06-19 10:29 (-11)	0.03		0 - 0.3
		Day 29	2020-07-28 09:30 (29)	0.03		0 - 0.3
		Day 57	2020-08-25 09:22 (29)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-19 10:29 (-11)	0.4		0 - 3
		Day 29	2020-07-28 09:30 (29)	0.4		0 - 3
		Day 57	2020-08-25 09:22 (29)	0.4		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051074	Eosinophils (10^9/L)	Screening	2020-06-19 10:29 (-11)	0.17		0 - 0.8
		Day 29	2020-07-28 09:30 (29)	0.16		0 - 0.8
		Day 57	2020-08-25 09:22 (29)	0.20		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-19 10:29 (-11)	2.4		0 - 7
		Day 29	2020-07-28 09:30 (29)	2.3		0 - 7
		Day 57	2020-08-25 09:22 (29)	2.7		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-19 10:29 (-11)	5.16		4.63 - 6.08
		Day 29	2020-07-28 09:30 (29)	4.67		4.63 - 6.08
		Day 57	2020-08-25 09:22 (29)	4.98		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-19 10:29 (-11)	0.490		0.37 - 0.51
		Day 29	2020-07-28 09:30 (29)	0.453		0.37 - 0.51
		Day 57	2020-08-25 09:22 (29)	0.500		0.37 - 0.51

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051074	Hemoglobin (g/L)	Screening	2020-06-19 10:29 (-11)	157		125 - 170
		Day 29	2020-07-28 09:30 (29)	142	G1 Hemoglobin Decreased	125 - 170
		Day 57	2020-08-25 09:22 (29)	150	G1 Hemoglobin Decreased	125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-19 10:29 (-11)	0.09 (H)		0 - 0.07
		Day 29	2020-07-28 09:30 (29)	0.07		0 - 0.07
		Day 57	2020-08-25 09:22 (29)	0.08 (H)		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-19 10:29 (-11)	1.3 (H)		0 - 1
		Day 29	2020-07-28 09:30 (29)	1.0		0 - 1
		Day 57	2020-08-25 09:22 (29)	1.1 (H)		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-19 10:29 (-11)	7.06		3.7 - 11
		Day 29	2020-07-28 09:30 (29)	6.92		3.7 - 11
		Day 57	2020-08-25 09:22 (29)	7.30		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051074	Lymphocytes (10^9/L)	Screening	2020-06-19 10:29 (-11)	1.17		0.9 - 3.6
		Day 29	2020-07-28 09:30 (29)	1.25		0.9 - 3.6
		Day 57	2020-08-25 09:22 (29)	1.44		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-19 10:29 (-11)	16.6		12 - 46
		Day 29	2020-07-28 09:30 (29)	18.1		12 - 46
		Day 57	2020-08-25 09:22 (29)	19.7		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-19 10:29 (-11)	0.56		0 - 1.2
		Day 29	2020-07-28 09:30 (29)	0.55		0 - 1.2
		Day 57	2020-08-25 09:22 (29)	0.59		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-19 10:29 (-11)	7.9		0 - 11
		Day 29	2020-07-28 09:30 (29)	7.9		0 - 11
		Day 57	2020-08-25 09:22 (29)	8.1		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051074	Neutrophils (10^9/L)	Screening	2020-06-19 10:29 (-11)	5.04		1.7 - 7.9
		Day 29	2020-07-28 09:30 (29)	4.86		1.7 - 7.9
		Day 57	2020-08-25 09:22 (29)	4.96		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-19 10:29 (-11)	71.4 (H)		34 - 71
		Day 29	2020-07-28 09:30 (29)	70.3		34 - 71
		Day 57	2020-08-25 09:22 (29)	68.0		34 - 71
	Platelets (10^9/L)	Screening	2020-06-19 10:29 (-11)	332		163 - 375
		Day 29	2020-07-28 09:30 (29)	252		163 - 375
		Day 57	2020-08-25 09:22 (29)	252		163 - 375
US2051075	Basophils (10^9/L)	Screening	2020-06-19 12:15 (-11)	0.04		0 - 0.3
		Day 29	2020-07-29 12:27 (30)	0.03		0 - 0.3
		Day 57	2020-08-27 12:17 (30)	0.03		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051075	Basophils/Leukocytes (%)	Screening	2020-06-19 12:15 (-11)	0.7		0 - 3
		Day 29	2020-07-29 12:27 (30)	0.5		0 - 3
		Day 57	2020-08-27 12:17 (30)	0.5		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-19 12:15 (-11)	0.13		0 - 0.8
		Day 29	2020-07-29 12:27 (30)	0.11		0 - 0.8
		Day 57	2020-08-27 12:17 (30)	0.11		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-19 12:15 (-11)	2.3		0 - 7
		Day 29	2020-07-29 12:27 (30)	1.8		0 - 7
		Day 57	2020-08-27 12:17 (30)	1.8		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-19 12:15 (-11)	4.41		3.7 - 5.2
		Day 29	2020-07-29 12:27 (30)	4.62		3.7 - 5.2
		Day 57	2020-08-27 12:17 (30)	4.57		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051075	Hematocrit (L/L)	Screening	2020-06-19 12:15 (-11)	0.443		0.33 - 0.47
		Day 29	2020-07-29 12:27 (30)	0.450		0.33 - 0.47
		Day 57	2020-08-27 12:17 (30)	0.452		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-19 12:15 (-11)	139		110 - 155
		Day 29	2020-07-29 12:27 (30)	147		110 - 155
		Day 57	2020-08-27 12:17 (30)	140		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-19 12:15 (-11)	<0.03		0 - 0.07
		Day 29	2020-07-29 12:27 (30)	<0.03		0 - 0.07
		Day 57	2020-08-27 12:17 (30)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-19 12:15 (-11)	0.2		0 - 1
		Day 29	2020-07-29 12:27 (30)	0.2		0 - 1
		Day 57	2020-08-27 12:17 (30)	0.2		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051075	Leukocytes (10^9/L)	Screening	2020-06-19 12:15 (-11)	5.66		3.7 - 11
		Day 29	2020-07-29 12:27 (30)	6.07		3.7 - 11
		Day 57	2020-08-27 12:17 (30)	6.10		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-19 12:15 (-11)	1.78		0.9 - 3.6
		Day 29	2020-07-29 12:27 (30)	1.81		0.9 - 3.6
		Day 57	2020-08-27 12:17 (30)	1.80		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-19 12:15 (-11)	31.4		12 - 46
		Day 29	2020-07-29 12:27 (30)	29.8		12 - 46
		Day 57	2020-08-27 12:17 (30)	29.5		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-19 12:15 (-11)	0.59		0 - 1.2
		Day 29	2020-07-29 12:27 (30)	0.62		0 - 1.2
		Day 57	2020-08-27 12:17 (30)	0.52		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051075	Monocytes/Leukocytes (%)	Screening	2020-06-19 12:15 (-11)	10.4		0 - 11
		Day 29	2020-07-29 12:27 (30)	10.2		0 - 11
		Day 57	2020-08-27 12:17 (30)	8.5		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-19 12:15 (-11)	3.11		1.7 - 7.9
		Day 29	2020-07-29 12:27 (30)	3.49		1.7 - 7.9
		Day 57	2020-08-27 12:17 (30)	3.63		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-19 12:15 (-11)	55.0		34 - 71
		Day 29	2020-07-29 12:27 (30)	57.5		34 - 71
		Day 57	2020-08-27 12:17 (30)	59.5		34 - 71
	Platelets (10^9/L)	Screening	2020-06-19 12:15 (-11)	263		163 - 375
		Day 29	2020-07-29 12:27 (30)	244		163 - 375
		Day 57	2020-08-27 12:17 (30)	247		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051077	Basophils (10^9/L)	Screening	2020-06-22 09:09 (-8)	0.03		0 - 0.3
		Day 29	2020-07-29 13:30 (30)	0.03		0 - 0.3
		Day 57	2020-08-25 08:43 (28)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-22 09:09 (-8)	0.6		0 - 3
		Day 29	2020-07-29 13:30 (30)	0.4		0 - 3
		Day 57	2020-08-25 08:43 (28)	0.6		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-22 09:09 (-8)	0.18		0 - 0.8
		Day 29	2020-07-29 13:30 (30)	0.09		0 - 0.8
		Day 57	2020-08-25 08:43 (28)	0.23		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-22 09:09 (-8)	3.6		0 - 7
		Day 29	2020-07-29 13:30 (30)	1.1		0 - 7
		Day 57	2020-08-25 08:43 (28)	4.2		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051077	Erythrocytes (10^12/L)	Screening	2020-06-22 09:09 (-8)	4.35		3.7 - 5.2
		Day 29	2020-07-29 13:30 (30)	4.14		3.7 - 5.2
		Day 57	2020-08-25 08:43 (28)	4.19		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-22 09:09 (-8)	0.439		0.33 - 0.47
		Day 29	2020-07-29 13:30 (30)	0.412		0.33 - 0.47
		Day 57	2020-08-25 08:43 (28)	0.445		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-22 09:09 (-8)	138		110 - 155
		Day 29	2020-07-29 13:30 (30)	132	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-25 08:43 (28)	133	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-22 09:09 (-8)	<0.03		0 - 0.07
		Day 29	2020-07-29 13:30 (30)	<0.03		0 - 0.07
		Day 57	2020-08-25 08:43 (28)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051077	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-22 09:09 (-8)	0.2		0 - 1
		Day 29	2020-07-29 13:30 (30)	0.2		0 - 1
		Day 57	2020-08-25 08:43 (28)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-22 09:09 (-8)	4.98		3.7 - 11
		Day 29	2020-07-29 13:30 (30)	8.31		3.7 - 11
		Day 57	2020-08-25 08:43 (28)	5.42		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-22 09:09 (-8)	2.05		0.9 - 3.6
		Day 29	2020-07-29 13:30 (30)	1.83		0.9 - 3.6
		Day 57	2020-08-25 08:43 (28)	2.28		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-22 09:09 (-8)	41.2		12 - 46
		Day 29	2020-07-29 13:30 (30)	22.0		12 - 46
		Day 57	2020-08-25 08:43 (28)	42.1		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051077	Monocytes (10^9/L)	Screening	2020-06-22 09:09 (-8)	0.35		0 - 1.2
		Day 29	2020-07-29 13:30 (30)	0.47		0 - 1.2
		Day 57	2020-08-25 08:43 (28)	0.39		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-22 09:09 (-8)	7.0		0 - 11
		Day 29	2020-07-29 13:30 (30)	5.7		0 - 11
		Day 57	2020-08-25 08:43 (28)	7.2		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-22 09:09 (-8)	2.36		1.7 - 7.9
		Day 29	2020-07-29 13:30 (30)	5.87		1.7 - 7.9
		Day 57	2020-08-25 08:43 (28)	2.48		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-22 09:09 (-8)	47.4		34 - 71
		Day 29	2020-07-29 13:30 (30)	70.6		34 - 71
		Day 57	2020-08-25 08:43 (28)	45.7		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051077	Platelets (10^9/L)	Screening	2020-06-22 09:09 (-8)	225		163 - 375
		Day 29	2020-07-29 13:30 (30)	211		163 - 375
		Day 57	2020-08-25 08:43 (28)	216		163 - 375
US2051084	Basophils (10^9/L)	Screening	2020-06-23 15:27 (-8)	0.04		0 - 0.3
		Day 29	2020-07-29 14:38 (29)	0.03		0 - 0.3
		Day 57	2020-09-02 14:19 (36)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-23 15:27 (-8)	0.7		0 - 3
		Day 29	2020-07-29 14:38 (29)	0.5		0 - 3
		Day 57	2020-09-02 14:19 (36)	0.5		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-23 15:27 (-8)	0.11		0 - 0.8
		Day 29	2020-07-29 14:38 (29)	0.17		0 - 0.8
		Day 57	2020-09-02 14:19 (36)	0.14		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051084	Eosinophils/Leukocytes (%)	Screening	2020-06-23 15:27 (-8)	2.0		0 - 7
		Day 29	2020-07-29 14:38 (29)	2.9		0 - 7
		Day 57	2020-09-02 14:19 (36)	2.4		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-23 15:27 (-8)	4.47		3.7 - 5.2
		Day 29	2020-07-29 14:38 (29)	4.39		3.7 - 5.2
		Day 57	2020-09-02 14:19 (36)	4.45		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-23 15:27 (-8)	0.414		0.33 - 0.47
		Day 29	2020-07-29 14:38 (29)	0.409		0.33 - 0.47
		Day 57	2020-09-02 14:19 (36)	0.415		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-23 15:27 (-8)	130		110 - 155
		Day 29	2020-07-29 14:38 (29)	127	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-09-02 14:19 (36)	127	G1 Hemoglobin Decreased	110 - 155

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051084	Immature Granulocytes (10^9/L)	Screening	2020-06-23 15:27 (-8)	<0.03		0 - 0.07
		Day 29	2020-07-29 14:38 (29)	<0.03		0 - 0.07
		Day 57	2020-09-02 14:19 (36)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-23 15:27 (-8)	0.0		0 - 1
		Day 29	2020-07-29 14:38 (29)	0.2		0 - 1
		Day 57	2020-09-02 14:19 (36)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-23 15:27 (-8)	5.40		3.7 - 11
		Day 29	2020-07-29 14:38 (29)	5.91		3.7 - 11
		Day 57	2020-09-02 14:19 (36)	5.94		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-23 15:27 (-8)	2.46		0.9 - 3.6
		Day 29	2020-07-29 14:38 (29)	2.64		0.9 - 3.6
		Day 57	2020-09-02 14:19 (36)	2.52		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051084	Lymphocytes/Leukocytes (%)	Screening	2020-06-23 15:27 (-8)	45.6		12 - 46
		Day 29	2020-07-29 14:38 (29)	44.7		12 - 46
		Day 57	2020-09-02 14:19 (36)	42.4		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-23 15:27 (-8)	0.25		0 - 1.2
		Day 29	2020-07-29 14:38 (29)	0.27		0 - 1.2
		Day 57	2020-09-02 14:19 (36)	0.28		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-23 15:27 (-8)	4.6		0 - 11
		Day 29	2020-07-29 14:38 (29)	4.6		0 - 11
		Day 57	2020-09-02 14:19 (36)	4.7		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-23 15:27 (-8)	2.54		1.7 - 7.9
		Day 29	2020-07-29 14:38 (29)	2.79		1.7 - 7.9
		Day 57	2020-09-02 14:19 (36)	2.96		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051084	Neutrophils/Leukocytes (%)	Screening	2020-06-23 15:27 (-8)	47.1		34 - 71
		Day 29	2020-07-29 14:38 (29)	47.1		34 - 71
		Day 57	2020-09-02 14:19 (36)	49.8		34 - 71
	Platelets (10^9/L)	Screening	2020-06-23 15:27 (-8)	303		163 - 375
		Day 29	2020-07-29 14:38 (29)	273		163 - 375
		Day 57	2020-09-02 14:19 (36)	259		163 - 375
US2051085	Basophils (10^9/L)	Screening	2020-06-24 13:45 (-8)	0.05		0 - 0.3
		Day 29	2020-07-30 09:44 (29)	0.04		0 - 0.3
		Day 57	2020-09-01 09:26 (34)	0.05		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-24 13:45 (-8)	1.1		0 - 3
		Day 29	2020-07-30 09:44 (29)	1.0		0 - 3
		Day 57	2020-09-01 09:26 (34)	1.1		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051085	Eosinophils (10^9/L)	Screening	2020-06-24 13:45 (-8)	0.14		0 - 0.8
		Day 29	2020-07-30 09:44 (29)	0.16		0 - 0.8
		Day 57	2020-09-01 09:26 (34)	0.19		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-24 13:45 (-8)	3.0		0 - 7
		Day 29	2020-07-30 09:44 (29)	4.2		0 - 7
		Day 57	2020-09-01 09:26 (34)	4.1		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-24 13:45 (-8)	4.54		3.7 - 5.2
		Day 29	2020-07-30 09:44 (29)	4.63		3.7 - 5.2
		Day 57	2020-09-01 09:26 (34)	4.37		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-24 13:45 (-8)	0.449		0.33 - 0.47
		Day 29	2020-07-30 09:44 (29)	0.457		0.33 - 0.47
		Day 57	2020-09-01 09:26 (34)	0.435		0.33 - 0.47

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051085	Hemoglobin (g/L)	Screening	2020-06-24 13:45 (-8)	137		110 - 155
		Day 29	2020-07-30 09:44 (29)	136	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-09-01 09:26 (34)	129	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-24 13:45 (-8)	<0.03		0 - 0.07
		Day 29	2020-07-30 09:44 (29)	<0.03		0 - 0.07
		Day 57	2020-09-01 09:26 (34)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-24 13:45 (-8)	0.2		0 - 1
		Day 29	2020-07-30 09:44 (29)	0.3		0 - 1
		Day 57	2020-09-01 09:26 (34)	0.0		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-24 13:45 (-8)	4.62		3.7 - 11
		Day 29	2020-07-30 09:44 (29)	3.84		3.7 - 11
		Day 57	2020-09-01 09:26 (34)	4.69		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051085	Lymphocytes (10^9/L)	Screening	2020-06-24 13:45 (-8)	1.34		0.9 - 3.6
		Day 29	2020-07-30 09:44 (29)	1.23		0.9 - 3.6
		Day 57	2020-09-01 09:26 (34)	1.22		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-24 13:45 (-8)	29.0		12 - 46
		Day 29	2020-07-30 09:44 (29)	32.0		12 - 46
		Day 57	2020-09-01 09:26 (34)	26.0		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-24 13:45 (-8)	0.39		0 - 1.2
		Day 29	2020-07-30 09:44 (29)	0.38		0 - 1.2
		Day 57	2020-09-01 09:26 (34)	0.37		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-24 13:45 (-8)	8.4		0 - 11
		Day 29	2020-07-30 09:44 (29)	9.9		0 - 11
		Day 57	2020-09-01 09:26 (34)	7.9		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051085	Neutrophils (10^9/L)	Screening	2020-06-24 13:45 (-8)	2.69		1.7 - 7.9
		Day 29	2020-07-30 09:44 (29)	2.02		1.7 - 7.9
		Day 57	2020-09-01 09:26 (34)	2.86		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-24 13:45 (-8)	58.3		34 - 71
		Day 29	2020-07-30 09:44 (29)	52.6		34 - 71
		Day 57	2020-09-01 09:26 (34)	60.9		34 - 71
	Platelets (10^9/L)	Screening	2020-06-24 13:45 (-8)	257		163 - 375
		Day 29	2020-07-30 09:44 (29)	229		163 - 375
		Day 57	2020-09-01 09:26 (34)	241		163 - 375
US2051088	Basophils (10^9/L)	Screening	2020-06-25 10:13 (-5)	<0.03		0 - 0.3
		Day 29	2020-07-28 09:32 (29)	<0.03		0 - 0.3
		Day 57	2020-08-25 09:10 (29)	0.03		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051088	Basophils/Leukocytes (%)	Screening	2020-06-25 10:13 (-5)	0.3		0 - 3
		Day 29	2020-07-28 09:32 (29)	0.3		0 - 3
		Day 57	2020-08-25 09:10 (29)	0.5		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-25 10:13 (-5)	0.08		0 - 0.8
		Day 29	2020-07-28 09:32 (29)	0.10		0 - 0.8
		Day 57	2020-08-25 09:10 (29)	0.10		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-25 10:13 (-5)	1.1		0 - 7
		Day 29	2020-07-28 09:32 (29)	1.5		0 - 7
		Day 57	2020-08-25 09:10 (29)	1.5		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-25 10:13 (-5)	5.10		4.63 - 6.08
		Day 29	2020-07-28 09:32 (29)	5.02		4.63 - 6.08
		Day 57	2020-08-25 09:10 (29)	5.01		4.63 - 6.08

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051088	Hematocrit (L/L)	Screening	2020-06-25 10:13 (-5)	0.515 (H)		0.37 - 0.51
		Day 29	2020-07-28 09:32 (29)	0.497		0.37 - 0.51
		Day 57	2020-08-25 09:10 (29)	0.524 (H)		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-25 10:13 (-5)	163		125 - 170
		Day 29	2020-07-28 09:32 (29)	158	G1 Hemoglobin Decreased	125 - 170
		Day 57	2020-08-25 09:10 (29)	158	G1 Hemoglobin Decreased	125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-25 10:13 (-5)	<0.03		0 - 0.07
		Day 29	2020-07-28 09:32 (29)	<0.03		0 - 0.07
		Day 57	2020-08-25 09:10 (29)	0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-25 10:13 (-5)	0.1		0 - 1
		Day 29	2020-07-28 09:32 (29)	0.3		0 - 1
		Day 57	2020-08-25 09:10 (29)	0.5		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051088	Leukocytes (10^9/L)	Screening	2020-06-25 10:13 (-5)	7.56		3.7 - 11
		Day 29	2020-07-28 09:32 (29)	6.48		3.7 - 11
		Day 57	2020-08-25 09:10 (29)	6.55		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-25 10:13 (-5)	1.69		0.9 - 3.6
		Day 29	2020-07-28 09:32 (29)	1.73		0.9 - 3.6
		Day 57	2020-08-25 09:10 (29)	1.56		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-25 10:13 (-5)	22.4		12 - 46
		Day 29	2020-07-28 09:32 (29)	26.7		12 - 46
		Day 57	2020-08-25 09:10 (29)	23.8		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-25 10:13 (-5)	0.70		0 - 1.2
		Day 29	2020-07-28 09:32 (29)	0.70		0 - 1.2
		Day 57	2020-08-25 09:10 (29)	0.72		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051088	Monocytes/Leukocytes (%)	Screening	2020-06-25 10:13 (-5)	9.3		0 - 11
		Day 29	2020-07-28 09:32 (29)	10.8		0 - 11
		Day 57	2020-08-25 09:10 (29)	11.0		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-25 10:13 (-5)	5.06		1.7 - 7.9
		Day 29	2020-07-28 09:32 (29)	3.91		1.7 - 7.9
		Day 57	2020-08-25 09:10 (29)	4.11		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-25 10:13 (-5)	66.8		34 - 71
		Day 29	2020-07-28 09:32 (29)	60.4		34 - 71
		Day 57	2020-08-25 09:10 (29)	62.7		34 - 71
	Platelets (10^9/L)	Screening	2020-06-25 10:13 (-5)	213		163 - 375
		Day 29	2020-07-28 09:32 (29)	191		163 - 375
		Day 57	2020-08-25 09:10 (29)	211		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051097	Basophils (10^9/L)	Screening	2020-06-29 14:53 (-7)	0.03		0 - 0.3
		Day 29	2020-08-03 09:37 (29)	0.03		0 - 0.3
		Day 57	2020-08-31 09:17 (29)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-29 14:53 (-7)	0.4		0 - 3
		Day 29	2020-08-03 09:37 (29)	0.5		0 - 3
		Day 57	2020-08-31 09:17 (29)	0.1		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-29 14:53 (-7)	0.17		0 - 0.8
		Day 29	2020-08-03 09:37 (29)	0.14		0 - 0.8
		Day 57	2020-08-31 09:17 (29)	0.13		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-29 14:53 (-7)	2.1		0 - 7
		Day 29	2020-08-03 09:37 (29)	2.2		0 - 7
		Day 57	2020-08-31 09:17 (29)	1.6		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051097	Erythrocytes (10^12/L)	Screening	2020-06-29 14:53 (-7)	5.08		3.7 - 5.2
		Day 29	2020-08-03 09:37 (29)	4.75		3.7 - 5.2
		Day 57	2020-08-31 09:17 (29)	4.66		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-29 14:53 (-7)	0.506 (H)		0.33 - 0.47
		Day 29	2020-08-03 09:37 (29)	0.472 (H)		0.33 - 0.47
		Day 57	2020-08-31 09:17 (29)	0.465		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-29 14:53 (-7)	159 (H)		110 - 155
		Day 29	2020-08-03 09:37 (29)	148	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-31 09:17 (29)	146	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-29 14:53 (-7)	<0.03		0 - 0.07
		Day 29	2020-08-03 09:37 (29)	<0.03		0 - 0.07
		Day 57	2020-08-31 09:17 (29)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051097	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-29 14:53 (-7)	0.1		0 - 1
		Day 29	2020-08-03 09:37 (29)	0.2		0 - 1
		Day 57	2020-08-31 09:17 (29)	0.1		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-29 14:53 (-7)	8.07		3.7 - 11
		Day 29	2020-08-03 09:37 (29)	6.26		3.7 - 11
		Day 57	2020-08-31 09:17 (29)	7.91		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-29 14:53 (-7)	2.51		0.9 - 3.6
		Day 29	2020-08-03 09:37 (29)	2.34		0.9 - 3.6
		Day 57	2020-08-31 09:17 (29)	2.14		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-29 14:53 (-7)	31.1		12 - 46
		Day 29	2020-08-03 09:37 (29)	37.4		12 - 46
		Day 57	2020-08-31 09:17 (29)	27.1		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051097	Monocytes (10^9/L)	Screening	2020-06-29 14:53 (-7)	0.72		0 - 1.2
		Day 29	2020-08-03 09:37 (29)	0.52		0 - 1.2
		Day 57	2020-08-31 09:17 (29)	0.62		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-29 14:53 (-7)	8.9		0 - 11
		Day 29	2020-08-03 09:37 (29)	8.3		0 - 11
		Day 57	2020-08-31 09:17 (29)	7.8		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-29 14:53 (-7)	4.63		1.7 - 7.9
		Day 29	2020-08-03 09:37 (29)	3.22		1.7 - 7.9
		Day 57	2020-08-31 09:17 (29)	5.00		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-29 14:53 (-7)	57.4		34 - 71
		Day 29	2020-08-03 09:37 (29)	51.4		34 - 71
		Day 57	2020-08-31 09:17 (29)	63.3		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051097	Platelets (10^9/L)	Screening	2020-06-29 14:53 (-7)	259		163 - 375
		Day 29	2020-08-03 09:37 (29)	264		163 - 375
		Day 57	2020-08-31 09:17 (29)	269		163 - 375
US2051101	Basophils (10^9/L)	Screening	2020-06-30 10:05 (-6)	0.03		0 - 0.3
		Day 29	2020-08-10 08:30 (36)	<0.03		0 - 0.3
		Day 57	2020-09-10 15:10 (32)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-30 10:05 (-6)	0.7		0 - 3
		Day 29	2020-08-10 08:30 (36)	0.5		0 - 3
		Day 57	2020-09-10 15:10 (32)	0.6		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-30 10:05 (-6)	0.07		0 - 0.8
		Day 29	2020-08-10 08:30 (36)	0.08		0 - 0.8
		Day 57	2020-09-10 15:10 (32)	0.08		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051101	Eosinophils/Leukocytes (%)	Screening	2020-06-30 10:05 (-6)	1.6		0 - 7
		Day 29	2020-08-10 08:30 (36)	2.0		0 - 7
		Day 57	2020-09-10 15:10 (32)	1.7		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-30 10:05 (-6)	4.91		3.7 - 5.2
		Day 29	2020-08-10 08:30 (36)	4.91		3.7 - 5.2
		Day 57	2020-09-10 15:10 (32)	4.92		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-30 10:05 (-6)	0.485 (H)		0.33 - 0.47
		Day 29	2020-08-10 08:30 (36)	0.478 (H)		0.33 - 0.47
		Day 57	2020-09-10 15:10 (32)	0.455		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-30 10:05 (-6)	149		110 - 155
		Day 29	2020-08-10 08:30 (36)	146	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-09-10 15:10 (32)	146	G1 Hemoglobin Decreased	110 - 155

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051101	Immature Granulocytes (10^9/L)	Screening	2020-06-30 10:05 (-6)	<0.03		0 - 0.07
		Day 29	2020-08-10 08:30 (36)	<0.03		0 - 0.07
		Day 57	2020-09-10 15:10 (32)	0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-30 10:05 (-6)	0.2		0 - 1
		Day 29	2020-08-10 08:30 (36)	0.2		0 - 1
		Day 57	2020-09-10 15:10 (32)	0.6		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-30 10:05 (-6)	4.41		3.7 - 11
		Day 29	2020-08-10 08:30 (36)	4.05		3.7 - 11
		Day 57	2020-09-10 15:10 (32)	4.73		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-30 10:05 (-6)	1.45		0.9 - 3.6
		Day 29	2020-08-10 08:30 (36)	1.40		0.9 - 3.6
		Day 57	2020-09-10 15:10 (32)	1.82		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051101	Lymphocytes/Leukocytes (%)	Screening	2020-06-30 10:05 (-6)	32.9		12 - 46
		Day 29	2020-08-10 08:30 (36)	34.6		12 - 46
		Day 57	2020-09-10 15:10 (32)	38.5		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-30 10:05 (-6)	0.37		0 - 1.2
		Day 29	2020-08-10 08:30 (36)	0.36		0 - 1.2
		Day 57	2020-09-10 15:10 (32)	0.55		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-30 10:05 (-6)	8.4		0 - 11
		Day 29	2020-08-10 08:30 (36)	8.9		0 - 11
		Day 57	2020-09-10 15:10 (32)	11.6 (H)		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-30 10:05 (-6)	2.48		1.7 - 7.9
		Day 29	2020-08-10 08:30 (36)	2.18		1.7 - 7.9
		Day 57	2020-09-10 15:10 (32)	2.22		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051101	Neutrophils/Leukocytes (%)	Screening	2020-06-30 10:05 (-6)	56.2		34 - 71
		Day 29	2020-08-10 08:30 (36)	53.8		34 - 71
		Day 57	2020-09-10 15:10 (32)	47.0		34 - 71
	Platelets (10^9/L)	Screening	2020-06-30 10:05 (-6)	183		163 - 375
		Day 29	2020-08-10 08:30 (36)	182		163 - 375
		Day 57	2020-09-10 15:10 (32)	219		163 - 375
US2051102	Basophils (10^9/L)	Screening	2020-07-01 08:23 (-5)	0.05		0 - 0.3
		Day 29	2020-08-03 08:43 (29)	0.08		0 - 0.3
		Day 57	2020-08-31 08:24 (29)	0.06		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-07-01 08:23 (-5)	1.0		0 - 3
		Day 29	2020-08-03 08:43 (29)	1.4		0 - 3
		Day 57	2020-08-31 08:24 (29)	1.2		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051102	Eosinophils (10^9/L)	Screening	2020-07-01 08:23 (-5)	0.27		0 - 0.8
		Day 29	2020-08-03 08:43 (29)	0.23		0 - 0.8
		Day 57	2020-08-31 08:24 (29)	0.28		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-07-01 08:23 (-5)	5.6		0 - 7
		Day 29	2020-08-03 08:43 (29)	4.2		0 - 7
		Day 57	2020-08-31 08:24 (29)	5.5		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-07-01 08:23 (-5)	4.71		4.63 - 6.08
		Day 29	2020-08-03 08:43 (29)	4.22 (L)		4.63 - 6.08
		Day 57	2020-08-31 08:24 (29)	4.15 (L)		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-07-01 08:23 (-5)	0.454		0.37 - 0.51
		Day 29	2020-08-03 08:43 (29)	0.400		0.37 - 0.51
		Day 57	2020-08-31 08:24 (29)	0.402		0.37 - 0.51

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051102	Hemoglobin (g/L)	Screening	2020-07-01 08:23 (-5)	140		125 - 170
		Day 29	2020-08-03 08:43 (29)	122 (L)	G2 Hemoglobin Decreased	125 - 170
		Day 57	2020-08-31 08:24 (29)	120 (L)	G2 Hemoglobin Decreased	125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-07-01 08:23 (-5)	<0.03		0 - 0.07
		Day 29	2020-08-03 08:43 (29)	<0.03		0 - 0.07
		Day 57	2020-08-31 08:24 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-07-01 08:23 (-5)	0.2		0 - 1
		Day 29	2020-08-03 08:43 (29)	0.0		0 - 1
		Day 57	2020-08-31 08:24 (29)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-07-01 08:23 (-5)	4.85		3.7 - 11
		Day 29	2020-08-03 08:43 (29)	5.53		3.7 - 11
		Day 57	2020-08-31 08:24 (29)	5.09		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051102	Lymphocytes (10^9/L)	Screening	2020-07-01 08:23 (-5)	1.26		0.9 - 3.6
		Day 29	2020-08-03 08:43 (29)	2.85		0.9 - 3.6
		Day 57	2020-08-31 08:24 (29)	2.31		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-07-01 08:23 (-5)	26.0		12 - 46
		Day 29	2020-08-03 08:43 (29)	51.5 (H)		12 - 46
		Day 57	2020-08-31 08:24 (29)	45.4		12 - 46
	Monocytes (10^9/L)	Screening	2020-07-01 08:23 (-5)	0.57		0 - 1.2
		Day 29	2020-08-03 08:43 (29)	0.67		0 - 1.2
		Day 57	2020-08-31 08:24 (29)	0.59		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-07-01 08:23 (-5)	11.8 (H)		0 - 11
		Day 29	2020-08-03 08:43 (29)	12.1 (H)		0 - 11
		Day 57	2020-08-31 08:24 (29)	11.6 (H)		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051102	Neutrophils (10^9/L)	Screening	2020-07-01 08:23 (-5)	2.69		1.7 - 7.9
		Day 29	2020-08-03 08:43 (29)	1.70	G1 Neutrophils Decreased	1.7 - 7.9
		Day 57	2020-08-31 08:24 (29)	1.84	G1 Neutrophils Decreased	1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-07-01 08:23 (-5)	55.4		34 - 71
		Day 29	2020-08-03 08:43 (29)	30.8 (L)		34 - 71
		Day 57	2020-08-31 08:24 (29)	36.1		34 - 71
	Platelets (10^9/L)	Screening	2020-07-01 08:23 (-5)	253		163 - 375
		Day 29	2020-08-03 08:43 (29)	237		163 - 375
		Day 57	2020-08-31 08:24 (29)	237		163 - 375
US2051104	Basophils (10^9/L)	Screening	2020-06-30 12:38 (-7)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-30 12:38 (-7)	0.5		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-30 12:38 (-7)	0.06		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051104	Eosinophils/Leukocytes (%)	Screening	2020-06-30 12:38 (-7)	1.0		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-30 12:38 (-7)	4.55		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-30 12:38 (-7)	0.443		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-30 12:38 (-7)	129		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-30 12:38 (-7)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-30 12:38 (-7)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-30 12:38 (-7)	5.93		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-30 12:38 (-7)	2.25		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-30 12:38 (-7)	37.9		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-30 12:38 (-7)	0.46		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-30 12:38 (-7)	7.8		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-30 12:38 (-7)	3.11		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051104	Neutrophils/Leukocytes (%)	Screening	2020-06-30 12:38 (-7)	52.5		34 - 71
	Platelets (10^9/L)	Screening	2020-06-30 12:38 (-7)	224		163 - 375
US2051106	Basophils (10^9/L)	Screening	2020-06-30 13:27 (-6)	0.10		0 - 0.3
		Day 29	2020-08-04 10:36 (30)	0.09		0 - 0.3
		Day 57	2020-09-01 10:33 (29)	0.10		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-30 13:27 (-6)	1.5		0 - 3
		Day 29	2020-08-04 10:36 (30)	1.2		0 - 3
		Day 57	2020-09-01 10:33 (29)	1.6		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-30 13:27 (-6)	0.19		0 - 0.8
		Day 29	2020-08-04 10:36 (30)	0.20		0 - 0.8
		Day 57	2020-09-01 10:33 (29)	0.26		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-30 13:27 (-6)	2.8		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051106	Eosinophils/Leukocytes (%)	Day 29	2020-08-04 10:36 (30)	2.8		0 - 7
		Day 57	2020-09-01 10:33 (29)	4.3		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-30 13:27 (-6)	4.93		4.63 - 6.08
		Day 29	2020-08-04 10:36 (30)	4.75		4.63 - 6.08
		Day 57	2020-09-01 10:33 (29)	4.73		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-30 13:27 (-6)	0.473		0.37 - 0.51
		Day 29	2020-08-04 10:36 (30)	0.455		0.37 - 0.51
		Day 57	2020-09-01 10:33 (29)	0.464		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-30 13:27 (-6)	150		125 - 170
		Day 29	2020-08-04 10:36 (30)	143	G1 Hemoglobin Decreased	125 - 170
		Day 57	2020-09-01 10:33 (29)	145	G1 Hemoglobin Decreased	125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-30 13:27 (-6)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051106	Immature Granulocytes (10^9/L)	Day 29	2020-08-04 10:36 (30)	<0.03		0 - 0.07
		Day 57	2020-09-01 10:33 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-30 13:27 (-6)	0.1		0 - 1
		Day 29	2020-08-04 10:36 (30)	0.1		0 - 1
		Day 57	2020-09-01 10:33 (29)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-30 13:27 (-6)	6.73		3.7 - 11
		Day 29	2020-08-04 10:36 (30)	7.22		3.7 - 11
		Day 57	2020-09-01 10:33 (29)	6.09		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-30 13:27 (-6)	2.23		0.9 - 3.6
		Day 29	2020-08-04 10:36 (30)	2.55		0.9 - 3.6
		Day 57	2020-09-01 10:33 (29)	2.38		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-30 13:27 (-6)	33.1		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051106	Lymphocytes/Leukocytes (%)	Day 29	2020-08-04 10:36 (30)	35.3		12 - 46
		Day 57	2020-09-01 10:33 (29)	39.1		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-30 13:27 (-6)	0.47		0 - 1.2
		Day 29	2020-08-04 10:36 (30)	0.52		0 - 1.2
		Day 57	2020-09-01 10:33 (29)	0.53		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-30 13:27 (-6)	7.0		0 - 11
		Day 29	2020-08-04 10:36 (30)	7.2		0 - 11
		Day 57	2020-09-01 10:33 (29)	8.7		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-30 13:27 (-6)	3.73		1.7 - 7.9
		Day 29	2020-08-04 10:36 (30)	3.85		1.7 - 7.9
		Day 57	2020-09-01 10:33 (29)	2.80		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-30 13:27 (-6)	55.5		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051106	Neutrophils/Leukocytes (%)	Day 29	2020-08-04 10:36 (30)	53.4		34 - 71
		Day 57	2020-09-01 10:33 (29)	46.0		34 - 71
	Platelets (10^9/L)	Screening	2020-06-30 13:27 (-6)	253		163 - 375
		Day 29	2020-08-04 10:36 (30)	247		163 - 375
		Day 57	2020-09-01 10:33 (29)	254		163 - 375
US2051108	Basophils (10^9/L)	Screening	2020-06-30 14:57 (-6)	0.05		0 - 0.3
		Day 29	2020-08-10 13:40 (36)	0.06		0 - 0.3
		Day 57	2020-09-08 14:26 (30)	0.07		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-30 14:57 (-6)	0.8		0 - 3
		Day 29	2020-08-10 13:40 (36)	1.1		0 - 3
		Day 57	2020-09-08 14:26 (30)	1.0		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-30 14:57 (-6)	0.29		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051108	Eosinophils (10^9/L)	Day 29	2020-08-10 13:40 (36)	0.28		0 - 0.8
		Day 57	2020-09-08 14:26 (30)	0.32		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-30 14:57 (-6)	4.8		0 - 7
		Day 29	2020-08-10 13:40 (36)	4.9		0 - 7
		Day 57	2020-09-08 14:26 (30)	4.7		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-30 14:57 (-6)	5.40		4.63 - 6.08
		Day 29	2020-08-10 13:40 (36)	5.04		4.63 - 6.08
		Day 57	2020-09-08 14:26 (30)	5.55		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-30 14:57 (-6)	0.532 (H)		0.37 - 0.51
		Day 29	2020-08-10 13:40 (36)	0.486		0.37 - 0.51
		Day 57	2020-09-08 14:26 (30)	0.532 (H)		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-30 14:57 (-6)	163		125 - 170

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051108	Hemoglobin (g/L)	Day 29	2020-08-10 13:40 (36)	154	G1 Hemoglobin Decreased	125 - 170
		Day 57	2020-09-08 14:26 (30)	168		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-30 14:57 (-6)	<0.03		0 - 0.07
		Day 29	2020-08-10 13:40 (36)	<0.03		0 - 0.07
		Day 57	2020-09-08 14:26 (30)	0.04		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-30 14:57 (-6)	0.2		0 - 1
		Day 29	2020-08-10 13:40 (36)	0.4		0 - 1
		Day 57	2020-09-08 14:26 (30)	0.6		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-30 14:57 (-6)	6.09		3.7 - 11
		Day 29	2020-08-10 13:40 (36)	5.69		3.7 - 11
		Day 57	2020-09-08 14:26 (30)	6.74		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-30 14:57 (-6)	1.65		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051108	Lymphocytes (10^9/L)	Day 29	2020-08-10 13:40 (36)	1.63		0.9 - 3.6
		Day 57	2020-09-08 14:26 (30)	1.85		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-30 14:57 (-6)	27.1		12 - 46
		Day 29	2020-08-10 13:40 (36)	28.6		12 - 46
		Day 57	2020-09-08 14:26 (30)	27.4		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-30 14:57 (-6)	0.53		0 - 1.2
		Day 29	2020-08-10 13:40 (36)	0.43		0 - 1.2
		Day 57	2020-09-08 14:26 (30)	0.39		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-30 14:57 (-6)	8.7		0 - 11
		Day 29	2020-08-10 13:40 (36)	7.6		0 - 11
		Day 57	2020-09-08 14:26 (30)	5.8		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-30 14:57 (-6)	3.56		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051108	Neutrophils (10^9/L)	Day 29	2020-08-10 13:40 (36)	3.27		1.7 - 7.9
		Day 57	2020-09-08 14:26 (30)	4.07		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-30 14:57 (-6)	58.4		34 - 71
		Day 29	2020-08-10 13:40 (36)	57.4		34 - 71
		Day 57	2020-09-08 14:26 (30)	60.5		34 - 71
	Platelets (10^9/L)	Screening	2020-06-30 14:57 (-6)	241		163 - 375
		Day 29	2020-08-10 13:40 (36)	245		163 - 375
		Day 57	2020-09-08 14:26 (30)	262		163 - 375
US2051111	Basophils (10^9/L)	Screening	2020-07-01 13:51 (-5)	0.04		0 - 0.3
		Day 29	2020-08-04 14:01 (30)	0.03		0 - 0.3
		Day 57	2020-08-31 14:24 (28)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-07-01 13:51 (-5)	0.6		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051111	Basophils/Leukocytes (%)	Day 29	2020-08-04 14:01 (30)	0.5		0 - 3
		Day 57	2020-08-31 14:24 (28)	0.5		0 - 3
	Eosinophils (10^9/L)	Screening	2020-07-01 13:51 (-5)	0.14		0 - 0.8
		Day 29	2020-08-04 14:01 (30)	0.12		0 - 0.8
		Day 57	2020-08-31 14:24 (28)	0.13		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-07-01 13:51 (-5)	2.0		0 - 7
		Day 29	2020-08-04 14:01 (30)	1.8		0 - 7
		Day 57	2020-08-31 14:24 (28)	2.2		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-07-01 13:51 (-5)	4.75		3.7 - 5.2
		Day 29	2020-08-04 14:01 (30)	4.33		3.7 - 5.2
		Day 57	2020-08-31 14:24 (28)	4.32		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-07-01 13:51 (-5)	0.448		0.33 - 0.47

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051111	Hematocrit (L/L)	Day 29	2020-08-04 14:01 (30)	0.398		0.33 - 0.47
		Day 57	2020-08-31 14:24 (28)	0.404		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-07-01 13:51 (-5)	136		110 - 155
		Day 29	2020-08-04 14:01 (30)	124	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-31 14:24 (28)	125	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-07-01 13:51 (-5)	<0.03		0 - 0.07
		Day 29	2020-08-04 14:01 (30)	<0.03		0 - 0.07
		Day 57	2020-08-31 14:24 (28)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-07-01 13:51 (-5)	0.1		0 - 1
		Day 29	2020-08-04 14:01 (30)	0.3		0 - 1
		Day 57	2020-08-31 14:24 (28)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-07-01 13:51 (-5)	6.91		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051111	Leukocytes (10^9/L)	Day 29	2020-08-04 14:01 (30)	6.50		3.7 - 11
		Day 57	2020-08-31 14:24 (28)	6.03		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-07-01 13:51 (-5)	3.22		0.9 - 3.6
		Day 29	2020-08-04 14:01 (30)	2.68		0.9 - 3.6
		Day 57	2020-08-31 14:24 (28)	2.56		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-07-01 13:51 (-5)	46.6 (H)		12 - 46
		Day 29	2020-08-04 14:01 (30)	41.2		12 - 46
		Day 57	2020-08-31 14:24 (28)	42.5		12 - 46
	Monocytes (10^9/L)	Screening	2020-07-01 13:51 (-5)	0.59		0 - 1.2
		Day 29	2020-08-04 14:01 (30)	0.44		0 - 1.2
		Day 57	2020-08-31 14:24 (28)	0.49		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-07-01 13:51 (-5)	8.5		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051111	Monocytes/Leukocytes (%)	Day 29	2020-08-04 14:01 (30)	6.8		0 - 11
		Day 57	2020-08-31 14:24 (28)	8.1		0 - 11
	Neutrophils (10^9/L)	Screening	2020-07-01 13:51 (-5)	2.91		1.7 - 7.9
		Day 29	2020-08-04 14:01 (30)	3.21		1.7 - 7.9
		Day 57	2020-08-31 14:24 (28)	2.81		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-07-01 13:51 (-5)	42.2		34 - 71
		Day 29	2020-08-04 14:01 (30)	49.4		34 - 71
		Day 57	2020-08-31 14:24 (28)	46.5		34 - 71
	Platelets (10^9/L)	Screening	2020-07-01 13:51 (-5)	240		163 - 375
		Day 29	2020-08-04 14:01 (30)	210		163 - 375
		Day 57	2020-08-31 14:24 (28)	219		163 - 375
US2061036	Basophils (10^9/L)	Screening	2020-06-09 11:11 (-17)	<0.03		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061036	Basophils (10^9/L)	Day 29	2020-07-27 10:36 (32)	<0.03		0 - 0.3
		Day 57	2020-08-24 17:05 (29)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-09 11:11 (-17)	0.2		0 - 3
		Day 29	2020-07-27 10:36 (32)	0.4		0 - 3
		Day 57	2020-08-24 17:05 (29)	0.2		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-09 11:11 (-17)	0.07		0 - 0.8
		Day 29	2020-07-27 10:36 (32)	0.14		0 - 0.8
		Day 57	2020-08-24 17:05 (29)	0.14		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-09 11:11 (-17)	1.2		0 - 7
		Day 29	2020-07-27 10:36 (32)	2.6		0 - 7
		Day 57	2020-08-24 17:05 (29)	2.4		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-09 11:11 (-17)	4.28		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061036	Erythrocytes (10^12/L)	Day 29	2020-07-27 10:36 (32)	4.03		3.7 - 5.2
		Day 57	2020-08-24 17:05 (29)	4.04		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-09 11:11 (-17)	0.412		0.33 - 0.47
		Day 29	2020-07-27 10:36 (32)	0.388		0.33 - 0.47
		Day 57	2020-08-24 17:05 (29)	0.387		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-09 11:11 (-17)	131		110 - 155
		Day 29	2020-07-27 10:36 (32)	122	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-24 17:05 (29)	123	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-09 11:11 (-17)	<0.03		0 - 0.07
		Day 29	2020-07-27 10:36 (32)	<0.03		0 - 0.07
		Day 57	2020-08-24 17:05 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-09 11:11 (-17)	0.2		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061036	Immature Granulocytes/Leukocytes (%)	Day 29	2020-07-27 10:36 (32)	0.2		0 - 1
		Day 57	2020-08-24 17:05 (29)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-09 11:11 (-17)	5.71		3.7 - 11
		Day 29	2020-07-27 10:36 (32)	5.48		3.7 - 11
		Day 57	2020-08-24 17:05 (29)	5.79		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-09 11:11 (-17)	1.30		0.9 - 3.6
		Day 29	2020-07-27 10:36 (32)	1.33		0.9 - 3.6
		Day 57	2020-08-24 17:05 (29)	1.67		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-09 11:11 (-17)	22.8		12 - 46
		Day 29	2020-07-27 10:36 (32)	24.3		12 - 46
		Day 57	2020-08-24 17:05 (29)	28.8		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-09 11:11 (-17)	0.35		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061036	Monocytes (10^9/L)	Day 29	2020-07-27 10:36 (32)	0.40		0 - 1.2
		Day 57	2020-08-24 17:05 (29)	0.40		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-09 11:11 (-17)	6.1		0 - 11
		Day 29	2020-07-27 10:36 (32)	7.3		0 - 11
		Day 57	2020-08-24 17:05 (29)	6.9		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-09 11:11 (-17)	3.97		1.7 - 7.9
		Day 29	2020-07-27 10:36 (32)	3.58		1.7 - 7.9
		Day 57	2020-08-24 17:05 (29)	3.56		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-09 11:11 (-17)	69.5		34 - 71
		Day 29	2020-07-27 10:36 (32)	65.2		34 - 71
		Day 57	2020-08-24 17:05 (29)	61.5		34 - 71
	Platelets (10^9/L)	Screening	2020-06-09 11:11 (-17)	306		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061036	Platelets (10^9/L)	Day 29	2020-07-27 10:36 (32)	312		163 - 375
		Day 57	2020-08-24 17:05 (29)	310		163 - 375
US2061045	Basophils (10^9/L)	Screening	2020-06-10 16:16 (-19)	0.09		0 - 0.3
		Day 29	2020-07-27 15:20 (29)	0.07		0 - 0.3
		Day 57	2020-08-20 13:50 (25)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-10 16:16 (-19)	1.6		0 - 3
		Day 29	2020-07-27 15:20 (29)	1.2		0 - 3
		Day 57	2020-08-20 13:50 (25)	0.7		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-10 16:16 (-19)	0.20		0 - 0.8
		Day 29	2020-07-27 15:20 (29)	0.17		0 - 0.8
		Day 57	2020-08-20 13:50 (25)	0.20		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-10 16:16 (-19)	3.5		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061045	Eosinophils/Leukocytes (%)	Day 29	2020-07-27 15:20 (29)	3.0		0 - 7
		Day 57	2020-08-20 13:50 (25)	3.7		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-10 16:16 (-19)	4.59		3.7 - 5.2
		Day 29	2020-07-27 15:20 (29)	4.38		3.7 - 5.2
		Day 57	2020-08-20 13:50 (25)	4.40		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-10 16:16 (-19)	0.430		0.33 - 0.47
		Day 29	2020-07-27 15:20 (29)	0.422		0.33 - 0.47
		Day 57	2020-08-20 13:50 (25)	0.438		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-10 16:16 (-19)	140		110 - 155
		Day 29	2020-07-27 15:20 (29)	134	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-20 13:50 (25)	133	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-10 16:16 (-19)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061045	Immature Granulocytes (10^9/L)	Day 29	2020-07-27 15:20 (29)	<0.03		0 - 0.07
		Day 57	2020-08-20 13:50 (25)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-10 16:16 (-19)	0.2		0 - 1
		Day 29	2020-07-27 15:20 (29)	0.3		0 - 1
		Day 57	2020-08-20 13:50 (25)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-10 16:16 (-19)	5.77		3.7 - 11
		Day 29	2020-07-27 15:20 (29)	5.76		3.7 - 11
		Day 57	2020-08-20 13:50 (25)	5.40		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-10 16:16 (-19)	2.37		0.9 - 3.6
		Day 29	2020-07-27 15:20 (29)	2.49		0.9 - 3.6
		Day 57	2020-08-20 13:50 (25)	2.11		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-10 16:16 (-19)	41.1		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061045	Lymphocytes/Leukocytes (%)	Day 29	2020-07-27 15:20 (29)	43.2		12 - 46
		Day 57	2020-08-20 13:50 (25)	39.1		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-10 16:16 (-19)	0.49		0 - 1.2
		Day 29	2020-07-27 15:20 (29)	0.63		0 - 1.2
		Day 57	2020-08-20 13:50 (25)	0.47		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-10 16:16 (-19)	8.5		0 - 11
		Day 29	2020-07-27 15:20 (29)	10.9		0 - 11
		Day 57	2020-08-20 13:50 (25)	8.7		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-10 16:16 (-19)	2.61		1.7 - 7.9
		Day 29	2020-07-27 15:20 (29)	2.38		1.7 - 7.9
		Day 57	2020-08-20 13:50 (25)	2.57		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-10 16:16 (-19)	45.1		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061045	Neutrophils/Leukocytes (%)	Day 29	2020-07-27 15:20 (29)	41.4		34 - 71
		Day 57	2020-08-20 13:50 (25)	47.6		34 - 71
	Platelets (10^9/L)	Screening	2020-06-10 16:16 (-19)	259		163 - 375
		Day 29	2020-07-27 15:20 (29)	261		163 - 375
		Day 57	2020-08-20 13:50 (25)	257		163 - 375
US2061063	Basophils (10^9/L)	Screening	2020-06-22 13:52 (-8)	0.03		0 - 0.3
		Day 29	2020-07-28 15:35 (29)	0.04		0 - 0.3
		Day 57	2020-08-31 11:32 (35)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-22 13:52 (-8)	0.4		0 - 3
		Day 29	2020-07-28 15:35 (29)	0.7		0 - 3
		Day 57	2020-08-31 11:32 (35)	0.6		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-22 13:52 (-8)	0.06		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061063	Eosinophils (10^9/L)	Day 29	2020-07-28 15:35 (29)	0.04		0 - 0.8
		Day 57	2020-08-31 11:32 (35)	0.12		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-22 13:52 (-8)	0.8		0 - 7
		Day 29	2020-07-28 15:35 (29)	0.7		0 - 7
		Day 57	2020-08-31 11:32 (35)	2.4		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-22 13:52 (-8)	4.80		4.63 - 6.08
		Day 29	2020-07-28 15:35 (29)	4.66		4.63 - 6.08
		Day 57	2020-08-31 11:32 (35)	4.66		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-22 13:52 (-8)	0.456		0.37 - 0.51
		Day 29	2020-07-28 15:35 (29)	0.447		0.37 - 0.51
		Day 57	2020-08-31 11:32 (35)	0.455		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-22 13:52 (-8)	150		125 - 170

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061063	Hemoglobin (g/L)	Day 29	2020-07-28 15:35 (29)	142	G1 Hemoglobin Decreased	125 - 170
		Day 57	2020-08-31 11:32 (35)	144	G1 Hemoglobin Decreased	125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-22 13:52 (-8)	0.03		0 - 0.07
		Day 29	2020-07-28 15:35 (29)	<0.03		0 - 0.07
		Day 57	2020-08-31 11:32 (35)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-22 13:52 (-8)	0.4		0 - 1
		Day 29	2020-07-28 15:35 (29)	0.2		0 - 1
		Day 57	2020-08-31 11:32 (35)	0.4		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-22 13:52 (-8)	7.12		3.7 - 11
		Day 29	2020-07-28 15:35 (29)	5.76		3.7 - 11
		Day 57	2020-08-31 11:32 (35)	4.96		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-22 13:52 (-8)	1.30		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061063	Lymphocytes (10^9/L)	Day 29	2020-07-28 15:35 (29)	1.34		0.9 - 3.6
		Day 57	2020-08-31 11:32 (35)	1.40		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-22 13:52 (-8)	18.3		12 - 46
		Day 29	2020-07-28 15:35 (29)	23.3		12 - 46
		Day 57	2020-08-31 11:32 (35)	28.2		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-22 13:52 (-8)	0.58		0 - 1.2
		Day 29	2020-07-28 15:35 (29)	0.55		0 - 1.2
		Day 57	2020-08-31 11:32 (35)	0.56		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-22 13:52 (-8)	8.1		0 - 11
		Day 29	2020-07-28 15:35 (29)	9.5		0 - 11
		Day 57	2020-08-31 11:32 (35)	11.3 (H)		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-22 13:52 (-8)	5.12		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061063	Neutrophils (10^9/L)	Day 29	2020-07-28 15:35 (29)	3.78		1.7 - 7.9
		Day 57	2020-08-31 11:32 (35)	2.83		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-22 13:52 (-8)	72.0 (H)		34 - 71
		Day 29	2020-07-28 15:35 (29)	65.6		34 - 71
		Day 57	2020-08-31 11:32 (35)	57.1		34 - 71
	Platelets (10^9/L)	Screening	2020-06-22 13:52 (-8)	228		163 - 375
		Day 29	2020-07-28 15:35 (29)	189		163 - 375
		Day 57	2020-08-31 11:32 (35)	200		163 - 375
US2071006	Basophils (10^9/L)	Screening	2020-05-25 11:08 (-8)	0.05		0 - 0.3
		Day 29	2020-07-01 08:45 (30)	0.05		0 - 0.3
		Day 57	2020-07-27 08:37 (27)	0.05		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-25 11:08 (-8)	0.9		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071006	Basophils/Leukocytes (%)	Day 29	2020-07-01 08:45 (30)	1.0		0 - 3
		Day 57	2020-07-27 08:37 (27)	1.0		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-25 11:08 (-8)	0.12		0 - 0.8
		Day 29	2020-07-01 08:45 (30)	0.19		0 - 0.8
		Day 57	2020-07-27 08:37 (27)	0.21		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-25 11:08 (-8)	2.1		0 - 7
		Day 29	2020-07-01 08:45 (30)	3.9		0 - 7
		Day 57	2020-07-27 08:37 (27)	4.2		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-25 11:08 (-8)	4.28		3.7 - 5.2
		Day 29	2020-07-01 08:45 (30)	4.44		3.7 - 5.2
		Day 57	2020-07-27 08:37 (27)	4.36		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-25 11:08 (-8)	0.473 (H)		0.33 - 0.47

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071006	Hematocrit (L/L)	Day 29	2020-07-01 08:45 (30)	0.471 (H)		0.33 - 0.47
		Day 57	2020-07-27 08:37 (27)	0.473 (H)		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-25 11:08 (-8)	137		110 - 155
		Day 29	2020-07-01 08:45 (30)	140		110 - 155
		Day 57	2020-07-27 08:37 (27)	136	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-25 11:08 (-8)	<0.03		0 - 0.07
		Day 29	2020-07-01 08:45 (30)	<0.03		0 - 0.07
		Day 57	2020-07-27 08:37 (27)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-25 11:08 (-8)	0.3		0 - 1
		Day 29	2020-07-01 08:45 (30)	0.2		0 - 1
		Day 57	2020-07-27 08:37 (27)	0.0		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-25 11:08 (-8)	5.75		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071006	Leukocytes (10^9/L)	Day 29	2020-07-01 08:45 (30)	4.83		3.7 - 11
		Day 57	2020-07-27 08:37 (27)	5.01		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-25 11:08 (-8)	1.30		0.9 - 3.6
		Day 29	2020-07-01 08:45 (30)	1.31		0.9 - 3.6
		Day 57	2020-07-27 08:37 (27)	1.44		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-25 11:08 (-8)	22.6		12 - 46
		Day 29	2020-07-01 08:45 (30)	27.1		12 - 46
		Day 57	2020-07-27 08:37 (27)	28.7		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-25 11:08 (-8)	0.34		0 - 1.2
		Day 29	2020-07-01 08:45 (30)	0.32		0 - 1.2
		Day 57	2020-07-27 08:37 (27)	0.32		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-25 11:08 (-8)	5.9		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071006	Monocytes/Leukocytes (%)	Day 29	2020-07-01 08:45 (30)	6.6		0 - 11
		Day 57	2020-07-27 08:37 (27)	6.4		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-25 11:08 (-8)	3.92		1.7 - 7.9
		Day 29	2020-07-01 08:45 (30)	2.95		1.7 - 7.9
		Day 57	2020-07-27 08:37 (27)	2.99		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-25 11:08 (-8)	68.2		34 - 71
		Day 29	2020-07-01 08:45 (30)	61.2		34 - 71
		Day 57	2020-07-27 08:37 (27)	59.7		34 - 71
	Platelets (10^9/L)	Screening	2020-05-25 11:08 (-8)	222		163 - 375
		Day 29	2020-07-01 08:45 (30)	237		163 - 375
		Day 57	2020-07-27 08:37 (27)	233		163 - 375
US2071013	Basophils (10^9/L)	Screening	2020-05-25 15:42 (-8)	<0.03		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071013	Basophils (10^9/L)	Day 29	2020-07-09 14:32 (38)	<0.03		0 - 0.3
		Day 57	2020-08-03 15:27 (26)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-25 15:42 (-8)	0.5		0 - 3
		Day 29	2020-07-09 14:32 (38)	0.2		0 - 3
		Day 57	2020-08-03 15:27 (26)	0.2		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-25 15:42 (-8)	0.03		0 - 0.8
		Day 29	2020-07-09 14:32 (38)	0.05		0 - 0.8
		Day 57	2020-08-03 15:27 (26)	0.04		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-25 15:42 (-8)	0.7		0 - 7
		Day 29	2020-07-09 14:32 (38)	1.0		0 - 7
		Day 57	2020-08-03 15:27 (26)	0.8		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-25 15:42 (-8)	5.30 (H)		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071013	Erythrocytes (10^12/L)	Day 29	2020-07-09 14:32 (38)	5.10		3.7 - 5.2
		Day 57	2020-08-03 15:27 (26)	5.29 (H)		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-25 15:42 (-8)	0.544 (H)		0.33 - 0.47
		Day 29	2020-07-09 14:32 (38)	0.512 (H)		0.33 - 0.47
		Day 57	2020-08-03 15:27 (26)	0.511 (H)		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-25 15:42 (-8)	164 (H)		110 - 155
		Day 29	2020-07-09 14:32 (38)	158 (H)	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-03 15:27 (26)	163 (H)	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-25 15:42 (-8)	<0.03		0 - 0.07
		Day 29	2020-07-09 14:32 (38)	<0.03		0 - 0.07
		Day 57	2020-08-03 15:27 (26)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-25 15:42 (-8)	0.2		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071013	Immature Granulocytes/Leukocytes (%)	Day 29	2020-07-09 14:32 (38)	0.4		0 - 1
		Day 57	2020-08-03 15:27 (26)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-25 15:42 (-8)	4.03		3.7 - 11
		Day 29	2020-07-09 14:32 (38)	4.81		3.7 - 11
		Day 57	2020-08-03 15:27 (26)	4.97		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-25 15:42 (-8)	1.27		0.9 - 3.6
		Day 29	2020-07-09 14:32 (38)	1.29		0.9 - 3.6
		Day 57	2020-08-03 15:27 (26)	1.45		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-25 15:42 (-8)	31.5		12 - 46
		Day 29	2020-07-09 14:32 (38)	26.8		12 - 46
		Day 57	2020-08-03 15:27 (26)	29.2		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-25 15:42 (-8)	0.39		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071013	Monocytes (10^9/L)	Day 29	2020-07-09 14:32 (38)	0.38		0 - 1.2
		Day 57	2020-08-03 15:27 (26)	0.30		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-25 15:42 (-8)	9.7		0 - 11
		Day 29	2020-07-09 14:32 (38)	7.9		0 - 11
		Day 57	2020-08-03 15:27 (26)	6.0		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-25 15:42 (-8)	2.31		1.7 - 7.9
		Day 29	2020-07-09 14:32 (38)	3.06		1.7 - 7.9
		Day 57	2020-08-03 15:27 (26)	3.16		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-25 15:42 (-8)	57.4		34 - 71
		Day 29	2020-07-09 14:32 (38)	63.7		34 - 71
		Day 57	2020-08-03 15:27 (26)	63.6		34 - 71
	Platelets (10^9/L)	Screening	2020-05-25 15:42 (-8)	229		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071013	Platelets (10^9/L)	Day 29	2020-07-09 14:32 (38)	212		163 - 375
		Day 57	2020-08-03 15:27 (26)	212		163 - 375
US2071037	Basophils (10^9/L)	Screening	2020-05-27 12:34 (-7)	<0.03		0 - 0.3
		Day 29	2020-07-07 13:32 (35)	<0.03		0 - 0.3
		Day 57	2020-08-03 10:22 (28)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-27 12:34 (-7)	0.3		0 - 3
		Day 29	2020-07-07 13:32 (35)	0.4		0 - 3
		Day 57	2020-08-03 10:22 (28)	0.3		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-27 12:34 (-7)	0.22		0 - 0.8
		Day 29	2020-07-07 13:32 (35)	0.15		0 - 0.8
		Day 57	2020-08-03 10:22 (28)	0.13		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-27 12:34 (-7)	3.3		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071037	Eosinophils/Leukocytes (%)	Day 29	2020-07-07 13:32 (35)	2.7		0 - 7
		Day 57	2020-08-03 10:22 (28)	2.0		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-27 12:34 (-7)	4.95		4.63 - 6.08
		Day 29	2020-07-07 13:32 (35)	4.85		4.63 - 6.08
		Day 57	2020-08-03 10:22 (28)	5.08		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-05-27 12:34 (-7)	0.460		0.37 - 0.51
		Day 29	2020-07-07 13:32 (35)	0.467		0.37 - 0.51
		Day 57	2020-08-03 10:22 (28)	0.497		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-05-27 12:34 (-7)	149		125 - 170
		Day 29	2020-07-07 13:32 (35)	145	G1 Hemoglobin Decreased	125 - 170
		Day 57	2020-08-03 10:22 (28)	152		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-05-27 12:34 (-7)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071037	Immature Granulocytes (10^9/L)	Day 29	2020-07-07 13:32 (35)	<0.03		0 - 0.07
		Day 57	2020-08-03 10:22 (28)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-27 12:34 (-7)	0.3		0 - 1
		Day 29	2020-07-07 13:32 (35)	0.2		0 - 1
		Day 57	2020-08-03 10:22 (28)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-27 12:34 (-7)	6.58		3.7 - 11
		Day 29	2020-07-07 13:32 (35)	5.47		3.7 - 11
		Day 57	2020-08-03 10:22 (28)	6.37		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-27 12:34 (-7)	1.84		0.9 - 3.6
		Day 29	2020-07-07 13:32 (35)	1.43		0.9 - 3.6
		Day 57	2020-08-03 10:22 (28)	1.30		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-27 12:34 (-7)	28.0		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071037	Lymphocytes/Leukocytes (%)	Day 29	2020-07-07 13:32 (35)	26.1		12 - 46
		Day 57	2020-08-03 10:22 (28)	20.4		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-27 12:34 (-7)	0.50		0 - 1.2
		Day 29	2020-07-07 13:32 (35)	0.43		0 - 1.2
		Day 57	2020-08-03 10:22 (28)	0.42		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-27 12:34 (-7)	7.6		0 - 11
		Day 29	2020-07-07 13:32 (35)	7.9		0 - 11
		Day 57	2020-08-03 10:22 (28)	6.6		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-27 12:34 (-7)	3.98		1.7 - 7.9
		Day 29	2020-07-07 13:32 (35)	3.43		1.7 - 7.9
		Day 57	2020-08-03 10:22 (28)	4.48		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-27 12:34 (-7)	60.5		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071037	Neutrophils/Leukocytes (%)	Day 29	2020-07-07 13:32 (35)	62.7		34 - 71
		Day 57	2020-08-03 10:22 (28)	70.4		34 - 71
	Platelets (10^9/L)	Screening	2020-05-27 12:34 (-7)	213		163 - 375
		Day 29	2020-07-07 13:32 (35)	211		163 - 375
US2071043	Basophils (10^9/L)	Screening	2020-05-28 13:32 (-6)	0.04		0 - 0.3
		Day 29	2020-07-06 11:20 (34)	0.04		0 - 0.3
		Day 57	2020-08-03 11:36 (29)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-28 13:32 (-6)	0.8		0 - 3
		Day 29	2020-07-06 11:20 (34)	0.9		0 - 3
		Day 57	2020-08-03 11:36 (29)	1.0		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-28 13:32 (-6)	0.06		0 - 0.8
		Day 29	2020-07-06 11:20 (34)	0.10		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071043	Eosinophils (10^9/L)	Day 57	2020-08-03 11:36 (29)	0.07		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-28 13:32 (-6)	1.2		0 - 7
		Day 29	2020-07-06 11:20 (34)	2.3		0 - 7
		Day 57	2020-08-03 11:36 (29)	1.8		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-28 13:32 (-6)	4.89		3.7 - 5.2
		Day 29	2020-07-06 11:20 (34)	4.55		3.7 - 5.2
		Day 57	2020-08-03 11:36 (29)	4.65		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-28 13:32 (-6)	0.498 (H)		0.33 - 0.47
		Day 29	2020-07-06 11:20 (34)	0.454		0.33 - 0.47
		Day 57	2020-08-03 11:36 (29)	0.450		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-28 13:32 (-6)	145		110 - 155
		Day 29	2020-07-06 11:20 (34)	133	G1 Hemoglobin Decreased	110 - 155

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071043	Hemoglobin (g/L)	Day 57	2020-08-03 11:36 (29)	137	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-28 13:32 (-6)	0.03		0 - 0.07
		Day 29	2020-07-06 11:20 (34)	<0.03		0 - 0.07
		Day 57	2020-08-03 11:36 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-28 13:32 (-6)	0.6		0 - 1
		Day 29	2020-07-06 11:20 (34)	0.5		0 - 1
		Day 57	2020-08-03 11:36 (29)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-28 13:32 (-6)	5.04		3.7 - 11
		Day 29	2020-07-06 11:20 (34)	4.37		3.7 - 11
		Day 57	2020-08-03 11:36 (29)	3.88		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-28 13:32 (-6)	1.17		0.9 - 3.6
		Day 29	2020-07-06 11:20 (34)	1.18		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071043	Lymphocytes (10^9/L)	Day 57	2020-08-03 11:36 (29)	1.13		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-28 13:32 (-6)	23.2		12 - 46
		Day 29	2020-07-06 11:20 (34)	27.0		12 - 46
		Day 57	2020-08-03 11:36 (29)	29.1		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-28 13:32 (-6)	0.30		0 - 1.2
		Day 29	2020-07-06 11:20 (34)	0.50		0 - 1.2
		Day 57	2020-08-03 11:36 (29)	0.41		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-28 13:32 (-6)	6.0		0 - 11
		Day 29	2020-07-06 11:20 (34)	11.4 (H)		0 - 11
		Day 57	2020-08-03 11:36 (29)	10.6		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-28 13:32 (-6)	3.44		1.7 - 7.9
		Day 29	2020-07-06 11:20 (34)	2.53		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071043	Neutrophils (10^9/L)	Day 57	2020-08-03 11:36 (29)	2.22		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-28 13:32 (-6)	68.2		34 - 71
		Day 29	2020-07-06 11:20 (34)	57.9		34 - 71
		Day 57	2020-08-03 11:36 (29)	57.2		34 - 71
	Platelets (10^9/L)	Screening	2020-05-28 13:32 (-6)	301		163 - 375
		Day 29	2020-07-06 11:20 (34)	239		163 - 375
		Day 57	2020-08-03 11:36 (29)	245		163 - 375
US2071082	Basophils (10^9/L)	Screening	2020-06-15 09:36 (-11)	<0.03		0 - 0.3
		Day 29	2020-07-28 09:17 (33)	0.03		0 - 0.3
		Day 57	2020-08-26 11:47 (30)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-15 09:36 (-11)	0.5		0 - 3
		Day 29	2020-07-28 09:17 (33)	0.7		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071082	Basophils/Leukocytes (%)	Day 57	2020-08-26 11:47 (30)	0.6		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-15 09:36 (-11)	0.23		0 - 0.8
		Day 29	2020-07-28 09:17 (33)	0.22		0 - 0.8
		Day 57	2020-08-26 11:47 (30)	0.22		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-15 09:36 (-11)	6.1		0 - 7
		Day 29	2020-07-28 09:17 (33)	5.1		0 - 7
		Day 57	2020-08-26 11:47 (30)	4.2		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-15 09:36 (-11)	5.31		4.63 - 6.08
		Day 29	2020-07-28 09:17 (33)	5.04		4.63 - 6.08
		Day 57	2020-08-26 11:47 (30)	5.31		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-15 09:36 (-11)	0.496		0.37 - 0.51
		Day 29	2020-07-28 09:17 (33)	0.491		0.37 - 0.51

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071082	Hematocrit (L/L)	Day 57	2020-08-26 11:47 (30)	0.516 (H)		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-15 09:36 (-11)	159		125 - 170
		Day 29	2020-07-28 09:17 (33)	151	G1 Hemoglobin Decreased	125 - 170
		Day 57	2020-08-26 11:47 (30)	161		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-15 09:36 (-11)	<0.03		0 - 0.07
		Day 29	2020-07-28 09:17 (33)	<0.03		0 - 0.07
		Day 57	2020-08-26 11:47 (30)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-15 09:36 (-11)	0.5		0 - 1
		Day 29	2020-07-28 09:17 (33)	0.5		0 - 1
		Day 57	2020-08-26 11:47 (30)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-15 09:36 (-11)	3.77		3.7 - 11
		Day 29	2020-07-28 09:17 (33)	4.35		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071082	Leukocytes (10^9/L)	Day 57	2020-08-26 11:47 (30)	5.21		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-15 09:36 (-11)	0.78 (L)	G1 Lymphocytes Decreased	0.9 - 3.6
		Day 29	2020-07-28 09:17 (33)	0.82 (L)	G1 Lymphocytes Decreased	0.9 - 3.6
		Day 57	2020-08-26 11:47 (30)	0.90	G1 Lymphocytes Decreased	0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-15 09:36 (-11)	20.7		12 - 46
		Day 29	2020-07-28 09:17 (33)	18.9		12 - 46
		Day 57	2020-08-26 11:47 (30)	17.3		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-15 09:36 (-11)	0.41		0 - 1.2
		Day 29	2020-07-28 09:17 (33)	0.38		0 - 1.2
		Day 57	2020-08-26 11:47 (30)	0.46		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-15 09:36 (-11)	10.9		0 - 11
		Day 29	2020-07-28 09:17 (33)	8.7		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071082	Monocytes/Leukocytes (%)	Day 57	2020-08-26 11:47 (30)	8.8		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-15 09:36 (-11)	2.31		1.7 - 7.9
		Day 29	2020-07-28 09:17 (33)	2.88		1.7 - 7.9
		Day 57	2020-08-26 11:47 (30)	3.59		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-15 09:36 (-11)	61.3		34 - 71
		Day 29	2020-07-28 09:17 (33)	66.1		34 - 71
		Day 57	2020-08-26 11:47 (30)	68.9		34 - 71
	Platelets (10^9/L)	Screening	2020-06-15 09:36 (-11)	156 (L)		163 - 375
		Day 29	2020-07-28 09:17 (33)	152 (L)		163 - 375
		Day 57	2020-08-26 11:47 (30)	167		163 - 375
US2071087	Basophils (10^9/L)	Screening	2020-06-18 12:36 (-8)	0.04		0 - 0.3
		Day 29	2020-07-30 10:30 (35)	0.04		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071087	Basophils (10^9/L)	Day 57	2020-08-28 10:18 (30)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-18 12:36 (-8)	0.8		0 - 3
		Day 29	2020-07-30 10:30 (35)	0.9		0 - 3
		Day 57	2020-08-28 10:18 (30)	0.6		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-18 12:36 (-8)	0.08		0 - 0.8
		Day 29	2020-07-30 10:30 (35)	0.09		0 - 0.8
		Day 57	2020-08-28 10:18 (30)	0.10		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-18 12:36 (-8)	1.7		0 - 7
		Day 29	2020-07-30 10:30 (35)	2.1		0 - 7
		Day 57	2020-08-28 10:18 (30)	2.1		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-18 12:36 (-8)	4.31		3.7 - 5.2
		Day 29	2020-07-30 10:30 (35)	3.99		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071087	Erythrocytes (10^12/L)	Day 57	2020-08-28 10:18 (30)	3.90		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-18 12:36 (-8)	0.430		0.33 - 0.47
		Day 29	2020-07-30 10:30 (35)	0.406		0.33 - 0.47
		Day 57	2020-08-28 10:18 (30)	0.394		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-18 12:36 (-8)	125		110 - 155
		Day 29	2020-07-30 10:30 (35)	114	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-28 10:18 (30)	111	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-18 12:36 (-8)	<0.03		0 - 0.07
		Day 29	2020-07-30 10:30 (35)	<0.03		0 - 0.07
		Day 57	2020-08-28 10:18 (30)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-18 12:36 (-8)	0.2		0 - 1
		Day 29	2020-07-30 10:30 (35)	0.2		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071087	Immature Granulocytes/Leukocytes (%)	Day 57	2020-08-28 10:18 (30)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-18 12:36 (-8)	4.74		3.7 - 11
		Day 29	2020-07-30 10:30 (35)	4.33		3.7 - 11
		Day 57	2020-08-28 10:18 (30)	4.80		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-18 12:36 (-8)	1.38		0.9 - 3.6
		Day 29	2020-07-30 10:30 (35)	1.40		0.9 - 3.6
		Day 57	2020-08-28 10:18 (30)	1.63		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-18 12:36 (-8)	29.1		12 - 46
		Day 29	2020-07-30 10:30 (35)	32.3		12 - 46
		Day 57	2020-08-28 10:18 (30)	34.0		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-18 12:36 (-8)	0.40		0 - 1.2
		Day 29	2020-07-30 10:30 (35)	0.41		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071087	Monocytes (10^9/L)	Day 57	2020-08-28 10:18 (30)	0.44		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-18 12:36 (-8)	8.4		0 - 11
		Day 29	2020-07-30 10:30 (35)	9.5		0 - 11
		Day 57	2020-08-28 10:18 (30)	9.2		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-18 12:36 (-8)	2.83		1.7 - 7.9
		Day 29	2020-07-30 10:30 (35)	2.38		1.7 - 7.9
		Day 57	2020-08-28 10:18 (30)	2.59		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-18 12:36 (-8)	59.8		34 - 71
		Day 29	2020-07-30 10:30 (35)	55.0		34 - 71
		Day 57	2020-08-28 10:18 (30)	53.9		34 - 71
	Platelets (10^9/L)	Day 29	2020-07-30 10:30 (35)	127 (L)	G1 Platelets Decreased	163 - 375
		Day 57	2020-08-28 10:18 (30)	130 (L)	G1 Platelets Decreased	163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071089	Basophils (10^9/L)	Screening	2020-06-18 12:20 (-8)	0.05		0 - 0.3
		Day 29	2020-07-29 15:06 (34)	0.07		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-18 12:20 (-8)	0.5		0 - 3
		Day 29	2020-07-29 15:06 (34)	0.8		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-18 12:20 (-8)	0.12		0 - 0.8
		Day 29	2020-07-29 15:06 (34)	0.09		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-18 12:20 (-8)	1.2		0 - 7
		Day 29	2020-07-29 15:06 (34)	1.0		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-18 12:20 (-8)	5.09		3.7 - 5.2
		Day 29	2020-07-29 15:06 (34)	5.23 (H)		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-18 12:20 (-8)	0.454		0.33 - 0.47
		Day 29	2020-07-29 15:06 (34)	0.474 (H)		0.33 - 0.47

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071089	Hemoglobin (g/L)	Screening	2020-06-18 12:20 (-8)	140		110 - 155
		Day 29	2020-07-29 15:06 (34)	142		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-18 12:20 (-8)	<0.03		0 - 0.07
		Day 29	2020-07-29 15:06 (34)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-18 12:20 (-8)	0.2		0 - 1
		Day 29	2020-07-29 15:06 (34)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-18 12:20 (-8)	10.22		3.7 - 11
		Day 29	2020-07-29 15:06 (34)	8.89		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-18 12:20 (-8)	2.00		0.9 - 3.6
		Day 29	2020-07-29 15:06 (34)	2.53		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-18 12:20 (-8)	19.6		12 - 46
		Day 29	2020-07-29 15:06 (34)	28.5		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071089	Monocytes (10^9/L)	Screening	2020-06-18 12:20 (-8)	0.86		0 - 1.2
		Day 29	2020-07-29 15:06 (34)	0.53		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-18 12:20 (-8)	8.4		0 - 11
		Day 29	2020-07-29 15:06 (34)	6.0		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-18 12:20 (-8)	7.17		1.7 - 7.9
		Day 29	2020-07-29 15:06 (34)	5.65		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-18 12:20 (-8)	70.1		34 - 71
		Day 29	2020-07-29 15:06 (34)	63.5		34 - 71
	Platelets (10^9/L)	Screening	2020-06-18 12:20 (-8)	296		163 - 375
		Day 29	2020-07-29 15:06 (34)	304		163 - 375
US2071091	Basophils (10^9/L)	Screening	2020-06-19 10:06 (-7)	0.03		0 - 0.3
		Day 29	2020-07-27 11:08 (32)	0.03		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071091	Basophils (10^9/L)	Day 57	2020-08-21 09:57 (26)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-19 10:06 (-7)	0.5		0 - 3
		Day 29	2020-07-27 11:08 (32)	0.6		0 - 3
		Day 57	2020-08-21 09:57 (26)	0.6		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-19 10:06 (-7)	0.06		0 - 0.8
		Day 29	2020-07-27 11:08 (32)	<0.03		0 - 0.8
		Day 57	2020-08-21 09:57 (26)	0.08		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-19 10:06 (-7)	1.1		0 - 7
		Day 29	2020-07-27 11:08 (32)	0.4		0 - 7
		Day 57	2020-08-21 09:57 (26)	1.5		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-19 10:06 (-7)	5.09		4.63 - 6.08
		Day 29	2020-07-27 11:08 (32)	4.89		4.63 - 6.08

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071091	Erythrocytes (10^12/L)	Day 57	2020-08-21 09:57 (26)	5.02		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-19 10:06 (-7)	0.524 (H)		0.37 - 0.51
		Day 29	2020-07-27 11:08 (32)	0.522 (H)		0.37 - 0.51
		Day 57	2020-08-21 09:57 (26)	0.555 (H)		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-19 10:06 (-7)	166		125 - 170
		Day 29	2020-07-27 11:08 (32)	157	G1 Hemoglobin Decreased	125 - 170
		Day 57	2020-08-21 09:57 (26)	166		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-19 10:06 (-7)	<0.03		0 - 0.07
		Day 29	2020-07-27 11:08 (32)	<0.03		0 - 0.07
		Day 57	2020-08-21 09:57 (26)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-19 10:06 (-7)	0.2		0 - 1
		Day 29	2020-07-27 11:08 (32)	0.2		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071091	Immature Granulocytes/Leukocytes (%)	Day 57	2020-08-21 09:57 (26)	0.4		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-19 10:06 (-7)	5.49		3.7 - 11
		Day 29	2020-07-27 11:08 (32)	4.78		3.7 - 11
		Day 57	2020-08-21 09:57 (26)	5.35		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-19 10:06 (-7)	1.29		0.9 - 3.6
		Day 29	2020-07-27 11:08 (32)	1.15		0.9 - 3.6
		Day 57	2020-08-21 09:57 (26)	1.70		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-19 10:06 (-7)	23.5		12 - 46
		Day 29	2020-07-27 11:08 (32)	24.1		12 - 46
		Day 57	2020-08-21 09:57 (26)	31.8		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-19 10:06 (-7)	0.36		0 - 1.2
		Day 29	2020-07-27 11:08 (32)	0.42		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071091	Monocytes (10^9/L)	Day 57	2020-08-21 09:57 (26)	0.46		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-19 10:06 (-7)	6.6		0 - 11
		Day 29	2020-07-27 11:08 (32)	8.8		0 - 11
		Day 57	2020-08-21 09:57 (26)	8.6		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-19 10:06 (-7)	3.74		1.7 - 7.9
		Day 29	2020-07-27 11:08 (32)	3.15		1.7 - 7.9
		Day 57	2020-08-21 09:57 (26)	3.06		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-19 10:06 (-7)	68.1		34 - 71
		Day 29	2020-07-27 11:08 (32)	65.9		34 - 71
		Day 57	2020-08-21 09:57 (26)	57.1		34 - 71
	Platelets (10^9/L)	Screening	2020-06-19 10:06 (-7)	172		163 - 375
		Day 29	2020-07-27 11:08 (32)	173		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071091	Platelets (10^9/L)	Day 57	2020-08-21 09:57 (26)	156 (L)		163 - 375
US2071093	Basophils (10^9/L)	Screening	2020-06-22 09:09 (-7)	0.07		0 - 0.3
		Day 29	2020-07-29 09:49 (31)	0.04		0 - 0.3
		Day 57	2020-09-01 10:26 (35)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-22 09:09 (-7)	1.1		0 - 3
		Day 29	2020-07-29 09:49 (31)	0.8		0 - 3
		Day 57	2020-09-01 10:26 (35)	0.4		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-22 09:09 (-7)	0.08		0 - 0.8
		Day 29	2020-07-29 09:49 (31)	0.11		0 - 0.8
		Day 57	2020-09-01 10:26 (35)	0.08		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-22 09:09 (-7)	1.2		0 - 7
		Day 29	2020-07-29 09:49 (31)	2.1		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071093	Eosinophils/Leukocytes (%)	Day 57	2020-09-01 10:26 (35)	1.7		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-22 09:09 (-7)	4.10		3.7 - 5.2
		Day 29	2020-07-29 09:49 (31)	3.93		3.7 - 5.2
		Day 57	2020-09-01 10:26 (35)	3.77		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-22 09:09 (-7)	0.423		0.33 - 0.47
		Day 29	2020-07-29 09:49 (31)	0.431		0.33 - 0.47
		Day 57	2020-09-01 10:26 (35)	0.410		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-22 09:09 (-7)	126		110 - 155
		Day 29	2020-07-29 09:49 (31)	122	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-09-01 10:26 (35)	118	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-22 09:09 (-7)	<0.03		0 - 0.07
		Day 29	2020-07-29 09:49 (31)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071093	Immature Granulocytes (10^9/L)	Day 57	2020-09-01 10:26 (35)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-22 09:09 (-7)	0.2		0 - 1
		Day 29	2020-07-29 09:49 (31)	0.2		0 - 1
		Day 57	2020-09-01 10:26 (35)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-22 09:09 (-7)	6.57		3.7 - 11
		Day 29	2020-07-29 09:49 (31)	5.33		3.7 - 11
		Day 57	2020-09-01 10:26 (35)	4.71		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-22 09:09 (-7)	1.63		0.9 - 3.6
		Day 29	2020-07-29 09:49 (31)	1.44		0.9 - 3.6
		Day 57	2020-09-01 10:26 (35)	1.47		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-22 09:09 (-7)	24.8		12 - 46
		Day 29	2020-07-29 09:49 (31)	27.0		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071093	Lymphocytes/Leukocytes (%)	Day 57	2020-09-01 10:26 (35)	31.2		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-22 09:09 (-7)	0.41		0 - 1.2
		Day 29	2020-07-29 09:49 (31)	0.31		0 - 1.2
		Day 57	2020-09-01 10:26 (35)	0.35		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-22 09:09 (-7)	6.2		0 - 11
		Day 29	2020-07-29 09:49 (31)	5.8		0 - 11
		Day 57	2020-09-01 10:26 (35)	7.4		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-22 09:09 (-7)	4.37		1.7 - 7.9
		Day 29	2020-07-29 09:49 (31)	3.42		1.7 - 7.9
		Day 57	2020-09-01 10:26 (35)	2.78		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-22 09:09 (-7)	66.5		34 - 71
		Day 29	2020-07-29 09:49 (31)	64.1		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071093	Neutrophils/Leukocytes (%)	Day 57	2020-09-01 10:26 (35)	59.1		34 - 71
	Platelets (10^9/L)	Screening	2020-06-22 09:09 (-7)	216		163 - 375
		Day 29	2020-07-29 09:49 (31)	235		163 - 375
		Day 57	2020-09-01 10:26 (35)	221		163 - 375
US2071095	Basophils (10^9/L)	Screening	2020-06-23 14:50 (-6)	0.05		0 - 0.3
		Day 29	2020-07-28 10:27 (30)	0.05		0 - 0.3
		Day 57	2020-08-25 15:01 (29)	0.05		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-23 14:50 (-6)	0.8		0 - 3
		Day 29	2020-07-28 10:27 (30)	0.8		0 - 3
		Day 57	2020-08-25 15:01 (29)	0.6		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-23 14:50 (-6)	0.32		0 - 0.8
		Day 29	2020-07-28 10:27 (30)	0.39		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071095	Eosinophils (10^9/L)	Day 57	2020-08-25 15:01 (29)	0.27		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-23 14:50 (-6)	5.2		0 - 7
		Day 29	2020-07-28 10:27 (30)	6.2		0 - 7
		Day 57	2020-08-25 15:01 (29)	3.1		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-23 14:50 (-6)	4.57		3.7 - 5.2
		Day 29	2020-07-28 10:27 (30)	4.24		3.7 - 5.2
		Day 57	2020-08-25 15:01 (29)	4.38		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-23 14:50 (-6)	0.438		0.33 - 0.47
		Day 29	2020-07-28 10:27 (30)	0.425		0.33 - 0.47
		Day 57	2020-08-25 15:01 (29)	0.440		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-23 14:50 (-6)	139		110 - 155
		Day 29	2020-07-28 10:27 (30)	127	G1 Hemoglobin Decreased	110 - 155

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071095	Hemoglobin (g/L)	Day 57	2020-08-25 15:01 (29)	131	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-23 14:50 (-6)	<0.03		0 - 0.07
		Day 29	2020-07-28 10:27 (30)	<0.03		0 - 0.07
		Day 57	2020-08-25 15:01 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-23 14:50 (-6)	0.3		0 - 1
		Day 29	2020-07-28 10:27 (30)	0.2		0 - 1
		Day 57	2020-08-25 15:01 (29)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-23 14:50 (-6)	6.21		3.7 - 11
		Day 29	2020-07-28 10:27 (30)	6.26		3.7 - 11
		Day 57	2020-08-25 15:01 (29)	8.72		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-23 14:50 (-6)	1.97		0.9 - 3.6
		Day 29	2020-07-28 10:27 (30)	1.83		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071095	Lymphocytes (10^9/L)	Day 57	2020-08-25 15:01 (29)	1.53		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-23 14:50 (-6)	31.7		12 - 46
		Day 29	2020-07-28 10:27 (30)	29.2		12 - 46
		Day 57	2020-08-25 15:01 (29)	17.5		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-23 14:50 (-6)	0.45		0 - 1.2
		Day 29	2020-07-28 10:27 (30)	0.39		0 - 1.2
		Day 57	2020-08-25 15:01 (29)	0.40		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-23 14:50 (-6)	7.2		0 - 11
		Day 29	2020-07-28 10:27 (30)	6.2		0 - 11
		Day 57	2020-08-25 15:01 (29)	4.6		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-23 14:50 (-6)	3.40		1.7 - 7.9
		Day 29	2020-07-28 10:27 (30)	3.59		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071095	Neutrophils (10^9/L)	Day 57	2020-08-25 15:01 (29)	6.45		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-23 14:50 (-6)	54.8		34 - 71
		Day 29	2020-07-28 10:27 (30)	57.4		34 - 71
		Day 57	2020-08-25 15:01 (29)	74.0 (H)		34 - 71
	Platelets (10^9/L)	Screening	2020-06-23 14:50 (-6)	240		163 - 375
		Day 29	2020-07-28 10:27 (30)	218		163 - 375
		Day 57	2020-08-25 15:01 (29)	216		163 - 375
US2071096	Basophils (10^9/L)	Screening	2020-06-24 10:58 (-8)	0.08		0 - 0.3
		Day 57	2020-09-04 10:37 (31)	0.06		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-24 10:58 (-8)	1.1		0 - 3
		Day 57	2020-09-04 10:37 (31)	1.0		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-24 10:58 (-8)	0.30		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071096	Eosinophils (10^9/L)	Day 57	2020-09-04 10:37 (31)	0.26		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-24 10:58 (-8)	4.1		0 - 7
		Day 57	2020-09-04 10:37 (31)	4.4		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-24 10:58 (-8)	5.09		4.63 - 6.08
		Day 57	2020-09-04 10:37 (31)	4.96		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-24 10:58 (-8)	0.509		0.37 - 0.51
		Day 57	2020-09-04 10:37 (31)	0.503		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-24 10:58 (-8)	159		125 - 170
		Day 57	2020-09-04 10:37 (31)	151	G1 Hemoglobin Decreased	125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-24 10:58 (-8)	<0.03		0 - 0.07
		Day 57	2020-09-04 10:37 (31)	0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-24 10:58 (-8)	0.3		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071096	Immature Granulocytes/Leukocytes (%)	Day 57	2020-09-04 10:37 (31)	0.5		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-24 10:58 (-8)	7.40		3.7 - 11
		Day 57	2020-09-04 10:37 (31)	5.88		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-24 10:58 (-8)	1.79		0.9 - 3.6
		Day 57	2020-09-04 10:37 (31)	1.55		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-24 10:58 (-8)	24.2		12 - 46
		Day 57	2020-09-04 10:37 (31)	26.4		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-24 10:58 (-8)	0.67		0 - 1.2
		Day 57	2020-09-04 10:37 (31)	0.54		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-24 10:58 (-8)	9.1		0 - 11
		Day 57	2020-09-04 10:37 (31)	9.2		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-24 10:58 (-8)	4.54		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071096	Neutrophils (10^9/L)	Day 57	2020-09-04 10:37 (31)	3.44		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-24 10:58 (-8)	61.2		34 - 71
		Day 57	2020-09-04 10:37 (31)	58.5		34 - 71
	Platelets (10^9/L)	Screening	2020-06-24 10:58 (-8)	212		163 - 375
		Day 57	2020-09-04 10:37 (31)	240		163 - 375
US2081001	Basophils (10^9/L)	Screening	2020-05-26 10:04 (-3)	0.03		0 - 0.3
		Day 29	2020-06-24 07:45 (27)	0.03		0 - 0.3
		Day 57	2020-07-23 09:00 (30)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-26 10:04 (-3)	0.6		0 - 3
		Day 29	2020-06-24 07:45 (27)	0.7		0 - 3
		Day 57	2020-07-23 09:00 (30)	1.2		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-26 10:04 (-3)	0.07		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081001	Eosinophils (10^9/L)	Day 29	2020-06-24 07:45 (27)	0.09		0 - 0.8
		Day 57	2020-07-23 09:00 (30)	0.08		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-26 10:04 (-3)	1.5		0 - 7
		Day 29	2020-06-24 07:45 (27)	2.0		0 - 7
		Day 57	2020-07-23 09:00 (30)	2.3		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-26 10:04 (-3)	4.48 (L)		4.63 - 6.08
		Day 29	2020-06-24 07:45 (27)	4.35 (L)		4.63 - 6.08
		Day 57	2020-07-23 09:00 (30)	4.44 (L)		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-05-26 10:04 (-3)	0.451		0.37 - 0.51
		Day 29	2020-06-24 07:45 (27)	0.467		0.37 - 0.51
		Day 57	2020-07-23 09:00 (30)	0.457		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-05-26 10:04 (-3)	147		125 - 170

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081001	Hemoglobin (g/L)	Day 29	2020-06-24 07:45 (27)	143	G1 Hemoglobin Decreased	125 - 170
		Day 57	2020-07-23 09:00 (30)	146	G1 Hemoglobin Decreased	125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-05-26 10:04 (-3)	<0.03		0 - 0.07
		Day 29	2020-06-24 07:45 (27)	<0.03		0 - 0.07
		Day 57	2020-07-23 09:00 (30)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-26 10:04 (-3)	0.2		0 - 1
		Day 29	2020-06-24 07:45 (27)	0.0		0 - 1
		Day 57	2020-07-23 09:00 (30)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-26 10:04 (-3)	4.71		3.7 - 11
		Day 29	2020-06-24 07:45 (27)	4.58		3.7 - 11
		Day 57	2020-07-23 09:00 (30)	3.44 (L)	G1 WBC Decreased	3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-26 10:04 (-3)	1.72		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081001	Lymphocytes (10^9/L)	Day 29	2020-06-24 07:45 (27)	2.07		0.9 - 3.6
		Day 57	2020-07-23 09:00 (30)	1.55		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-26 10:04 (-3)	36.5		12 - 46
		Day 29	2020-06-24 07:45 (27)	45.2		12 - 46
		Day 57	2020-07-23 09:00 (30)	45.1		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-26 10:04 (-3)	0.37		0 - 1.2
		Day 29	2020-06-24 07:45 (27)	0.45		0 - 1.2
		Day 57	2020-07-23 09:00 (30)	0.36		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-26 10:04 (-3)	7.9		0 - 11
		Day 29	2020-06-24 07:45 (27)	9.8		0 - 11
		Day 57	2020-07-23 09:00 (30)	10.5		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-26 10:04 (-3)	2.51		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081001	Neutrophils (10^9/L)	Day 29	2020-06-24 07:45 (27)	1.94	G1 Neutrophils Decreased	1.7 - 7.9
		Day 57	2020-07-23 09:00 (30)	1.40 (L)	G2 Neutrophils Decreased	1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-26 10:04 (-3)	53.3		34 - 71
		Day 29	2020-06-24 07:45 (27)	42.3		34 - 71
		Day 57	2020-07-23 09:00 (30)	40.6		34 - 71
	Platelets (10^9/L)	Screening	2020-05-26 10:04 (-3)	176		163 - 375
		Day 29	2020-06-24 07:45 (27)	172		163 - 375
		Day 57	2020-07-23 09:00 (30)	176		163 - 375
US2081002	Basophils (10^9/L)	Screening	2020-05-26 10:00 (-3)	0.04		0 - 0.3
		Day 29	2020-06-25 08:30 (28)	0.04		0 - 0.3
		Day 57	2020-07-24 10:00 (30)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-26 10:00 (-3)	1.1		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081002	Basophils/Leukocytes (%)	Day 29	2020-06-25 08:30 (28)	1.0		0 - 3
		Day 57	2020-07-24 10:00 (30)	0.8		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-26 10:00 (-3)	0.13		0 - 0.8
		Day 29	2020-06-25 08:30 (28)	0.14		0 - 0.8
		Day 57	2020-07-24 10:00 (30)	0.17		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-26 10:00 (-3)	3.5		0 - 7
		Day 29	2020-06-25 08:30 (28)	3.4		0 - 7
		Day 57	2020-07-24 10:00 (30)	3.4		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-26 10:00 (-3)	4.84		3.7 - 5.2
		Day 29	2020-06-25 08:30 (28)	4.61		3.7 - 5.2
		Day 57	2020-07-24 10:00 (30)	4.53		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-26 10:00 (-3)	0.480 (H)		0.33 - 0.47

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081002	Hematocrit (L/L)	Day 29	2020-06-25 08:30 (28)	0.480 (H)		0.33 - 0.47
		Day 57	2020-07-24 10:00 (30)	0.458		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-26 10:00 (-3)	147		110 - 155
		Day 29	2020-06-25 08:30 (28)	142	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-07-24 10:00 (30)	137	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-26 10:00 (-3)	<0.03		0 - 0.07
		Day 29	2020-06-25 08:30 (28)	<0.03		0 - 0.07
		Day 57	2020-07-24 10:00 (30)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-26 10:00 (-3)	0.3		0 - 1
		Day 29	2020-06-25 08:30 (28)	0.2		0 - 1
		Day 57	2020-07-24 10:00 (30)	0.4		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-26 10:00 (-3)	3.70		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081002	Leukocytes (10^9/L)	Day 29	2020-06-25 08:30 (28)	4.11		3.7 - 11
		Day 57	2020-07-24 10:00 (30)	5.07		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-26 10:00 (-3)	1.48		0.9 - 3.6
		Day 29	2020-06-25 08:30 (28)	1.70		0.9 - 3.6
		Day 57	2020-07-24 10:00 (30)	1.66		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-26 10:00 (-3)	40.0		12 - 46
		Day 29	2020-06-25 08:30 (28)	41.4		12 - 46
		Day 57	2020-07-24 10:00 (30)	32.7		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-26 10:00 (-3)	0.40		0 - 1.2
		Day 29	2020-06-25 08:30 (28)	0.32		0 - 1.2
		Day 57	2020-07-24 10:00 (30)	0.41		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-26 10:00 (-3)	10.8		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081002	Monocytes/Leukocytes (%)	Day 29	2020-06-25 08:30 (28)	7.8		0 - 11
		Day 57	2020-07-24 10:00 (30)	8.1		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-26 10:00 (-3)	1.64 (L)	G1 Neutrophils Decreased	1.7 - 7.9
		Day 29	2020-06-25 08:30 (28)	1.90	G1 Neutrophils Decreased	1.7 - 7.9
		Day 57	2020-07-24 10:00 (30)	2.77		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-26 10:00 (-3)	44.3		34 - 71
		Day 29	2020-06-25 08:30 (28)	46.2		34 - 71
		Day 57	2020-07-24 10:00 (30)	54.6		34 - 71
	Platelets (10^9/L)	Screening	2020-05-26 10:00 (-3)	249		163 - 375
		Day 29	2020-06-25 08:30 (28)	239		163 - 375
		Day 57	2020-07-24 10:00 (30)	234		163 - 375
US2081014	Basophils (10^9/L)	Screening	2020-05-27 13:55 (-5)	0.04		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081014	Basophils (10^9/L)	Day 29	2020-06-30 09:20 (30)	<0.03		0 - 0.3
		Unscheduled	2020-07-06 09:30 (7)	0.04		0 - 0.3
		Day 57	2020-07-28 09:13 (29)	0.06		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-27 13:55 (-5)	0.7		0 - 3
		Day 29	2020-06-30 09:20 (30)	0.6		0 - 3
		Unscheduled	2020-07-06 09:30 (7)	0.8		0 - 3
		Day 57	2020-07-28 09:13 (29)	1.3		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-27 13:55 (-5)	0.17		0 - 0.8
		Day 29	2020-06-30 09:20 (30)	0.05		0 - 0.8
		Unscheduled	2020-07-06 09:30 (7)	0.18		0 - 0.8
		Day 57	2020-07-28 09:13 (29)	0.16		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-27 13:55 (-5)	2.9		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081014	Eosinophils/Leukocytes (%)	Day 29	2020-06-30 09:20 (30)	1.5		0 - 7
		Unscheduled	2020-07-06 09:30 (7)	3.6		0 - 7
		Day 57	2020-07-28 09:13 (29)	3.4		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-27 13:55 (-5)	4.07		3.7 - 5.2
		Day 29	2020-06-30 09:20 (30)	4.36		3.7 - 5.2
		Unscheduled	2020-07-06 09:30 (7)	3.74		3.7 - 5.2
		Day 57	2020-07-28 09:13 (29)	3.70		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-27 13:55 (-5)	0.418		0.33 - 0.47
		Day 29	2020-06-30 09:20 (30)	0.440		0.33 - 0.47
		Unscheduled	2020-07-06 09:30 (7)	0.400		0.33 - 0.47
		Day 57	2020-07-28 09:13 (29)	0.379		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-27 13:55 (-5)	133		110 - 155

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081014	Hemoglobin (g/L)	Day 29	2020-06-30 09:20 (30)	136		110 - 155
		Unscheduled	2020-07-06 09:30 (7)	119	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-07-28 09:13 (29)	122	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-27 13:55 (-5)	<0.03		0 - 0.07
		Day 29	2020-06-30 09:20 (30)	<0.03		0 - 0.07
		Unscheduled	2020-07-06 09:30 (7)	<0.03		0 - 0.07
		Day 57	2020-07-28 09:13 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-27 13:55 (-5)	0.2		0 - 1
		Day 29	2020-06-30 09:20 (30)	0.0		0 - 1
		Unscheduled	2020-07-06 09:30 (7)	0.4		0 - 1
		Day 57	2020-07-28 09:13 (29)	0.0		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-27 13:55 (-5)	5.87		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081014	Leukocytes (10^9/L)	Day 29	2020-06-30 09:20 (30)	3.32 (L)	G1 WBC Decreased	3.7 - 11
		Unscheduled	2020-07-06 09:30 (7)	5.05		3.7 - 11
		Day 57	2020-07-28 09:13 (29)	4.73		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-27 13:55 (-5)	1.94		0.9 - 3.6
		Day 29	2020-06-30 09:20 (30)	1.02		0.9 - 3.6
		Unscheduled	2020-07-06 09:30 (7)	2.10		0.9 - 3.6
		Day 57	2020-07-28 09:13 (29)	1.80		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-27 13:55 (-5)	33.0		12 - 46
		Day 29	2020-06-30 09:20 (30)	30.7		12 - 46
		Unscheduled	2020-07-06 09:30 (7)	41.6		12 - 46
		Day 57	2020-07-28 09:13 (29)	38.1		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-27 13:55 (-5)	0.67		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081014	Monocytes (10^9/L)	Day 29	2020-06-30 09:20 (30)	0.33		0 - 1.2
		Unscheduled	2020-07-06 09:30 (7)	0.57		0 - 1.2
		Day 57	2020-07-28 09:13 (29)	0.58		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-27 13:55 (-5)	11.4 (H)		0 - 11
		Day 29	2020-06-30 09:20 (30)	9.9		0 - 11
		Unscheduled	2020-07-06 09:30 (7)	11.3 (H)		0 - 11
		Day 57	2020-07-28 09:13 (29)	12.3 (H)		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-27 13:55 (-5)	3.04		1.7 - 7.9
		Day 29	2020-06-30 09:20 (30)	1.90	G1 Neutrophils Decreased	1.7 - 7.9
		Unscheduled	2020-07-06 09:30 (7)	2.14		1.7 - 7.9
		Day 57	2020-07-28 09:13 (29)	2.13		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-27 13:55 (-5)	51.8		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081014	Neutrophils/Leukocytes (%)	Day 29	2020-06-30 09:20 (30)	57.3		34 - 71
		Unscheduled	2020-07-06 09:30 (7)	42.3		34 - 71
		Day 57	2020-07-28 09:13 (29)	44.9		34 - 71
	Platelets (10^9/L)	Screening	2020-05-27 13:55 (-5)	285		163 - 375
		Day 29	2020-06-30 09:20 (30)	154 (L)		163 - 375
		Unscheduled	2020-07-06 09:30 (7)	245		163 - 375
		Day 57	2020-07-28 09:13 (29)	262		163 - 375
US2081016	Basophils (10^9/L)	Screening	2020-05-27 15:40 (-5)	0.06		0 - 0.3
		Day 29	2020-06-29 13:20 (29)	0.05		0 - 0.3
		Day 57	2020-07-28 11:10 (30)	0.06		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-27 15:40 (-5)	1.2		0 - 3
		Day 29	2020-06-29 13:20 (29)	1.0		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081016	Basophils/Leukocytes (%)	Day 57	2020-07-28 11:10 (30)	1.5		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-27 15:40 (-5)	<0.03		0 - 0.8
		Day 29	2020-06-29 13:20 (29)	<0.03		0 - 0.8
		Day 57	2020-07-28 11:10 (30)	<0.03		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-27 15:40 (-5)	0.0		0 - 7
		Day 29	2020-06-29 13:20 (29)	0.0		0 - 7
		Day 57	2020-07-28 11:10 (30)	0.0		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-27 15:40 (-5)	3.95		3.7 - 5.2
		Day 29	2020-06-29 13:20 (29)	3.86		3.7 - 5.2
		Day 57	2020-07-28 11:10 (30)	3.74		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-27 15:40 (-5)	0.405		0.33 - 0.47
		Day 29	2020-06-29 13:20 (29)	0.408		0.33 - 0.47

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081016	Hematocrit (L/L)	Day 57	2020-07-28 11:10 (30)	0.390		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-27 15:40 (-5)	130		110 - 155
		Day 29	2020-06-29 13:20 (29)	129	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-07-28 11:10 (30)	127	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-27 15:40 (-5)	<0.03		0 - 0.07
		Day 29	2020-06-29 13:20 (29)	<0.03		0 - 0.07
		Day 57	2020-07-28 11:10 (30)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-27 15:40 (-5)	0.0		0 - 1
		Day 29	2020-06-29 13:20 (29)	0.2		0 - 1
		Day 57	2020-07-28 11:10 (30)	0.0		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-27 15:40 (-5)	4.99		3.7 - 11
		Day 29	2020-06-29 13:20 (29)	4.95		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081016	Leukocytes (10^9/L)	Day 57	2020-07-28 11:10 (30)	4.03		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-27 15:40 (-5)	1.89		0.9 - 3.6
		Day 29	2020-06-29 13:20 (29)	1.99		0.9 - 3.6
		Day 57	2020-07-28 11:10 (30)	1.35		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-27 15:40 (-5)	37.9		12 - 46
		Day 29	2020-06-29 13:20 (29)	40.2		12 - 46
		Day 57	2020-07-28 11:10 (30)	33.5		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-27 15:40 (-5)	0.44		0 - 1.2
		Day 29	2020-06-29 13:20 (29)	0.36		0 - 1.2
		Day 57	2020-07-28 11:10 (30)	0.36		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-27 15:40 (-5)	8.8		0 - 11
		Day 29	2020-06-29 13:20 (29)	7.3		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081016	Monocytes/Leukocytes (%)	Day 57	2020-07-28 11:10 (30)	8.9		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-27 15:40 (-5)	2.60		1.7 - 7.9
		Day 29	2020-06-29 13:20 (29)	2.54		1.7 - 7.9
		Day 57	2020-07-28 11:10 (30)	2.26		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-27 15:40 (-5)	52.1		34 - 71
		Day 29	2020-06-29 13:20 (29)	51.3		34 - 71
		Day 57	2020-07-28 11:10 (30)	56.1		34 - 71
	Platelets (10^9/L)	Screening	2020-05-27 15:40 (-5)	264		163 - 375
		Day 29	2020-06-29 13:20 (29)	241		163 - 375
		Day 57	2020-07-28 11:10 (30)	258		163 - 375
US2081019	Basophils (10^9/L)	Screening	2020-05-28 10:02 (-5)	<0.03		0 - 0.3
		Day 29	2020-06-30 09:25 (29)	0.04		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081019	Basophils (10^9/L)	Day 57	2020-07-28 10:10 (29)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-28 10:02 (-5)	0.5		0 - 3
		Day 29	2020-06-30 09:25 (29)	0.9		0 - 3
		Day 57	2020-07-28 10:10 (29)	0.8		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-28 10:02 (-5)	0.04		0 - 0.8
		Day 29	2020-06-30 09:25 (29)	0.15		0 - 0.8
		Day 57	2020-07-28 10:10 (29)	0.03		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-28 10:02 (-5)	1.0		0 - 7
		Day 29	2020-06-30 09:25 (29)	3.4		0 - 7
		Day 57	2020-07-28 10:10 (29)	0.8		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-28 10:02 (-5)	4.41		3.7 - 5.2
		Day 29	2020-06-30 09:25 (29)	3.86		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081019	Erythrocytes (10^12/L)	Day 57	2020-07-28 10:10 (29)	4.24		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-28 10:02 (-5)	0.438		0.33 - 0.47
		Day 29	2020-06-30 09:25 (29)	0.407		0.33 - 0.47
		Day 57	2020-07-28 10:10 (29)	0.418		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-28 10:02 (-5)	137		110 - 155
		Day 29	2020-06-30 09:25 (29)	124	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-07-28 10:10 (29)	133	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-28 10:02 (-5)	<0.03		0 - 0.07
		Day 29	2020-06-30 09:25 (29)	<0.03		0 - 0.07
		Day 57	2020-07-28 10:10 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-28 10:02 (-5)	0.3		0 - 1
		Day 29	2020-06-30 09:25 (29)	0.2		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081019	Immature Granulocytes/Leukocytes (%)	Day 57	2020-07-28 10:10 (29)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-28 10:02 (-5)	3.96		3.7 - 11
		Day 29	2020-06-30 09:25 (29)	4.38		3.7 - 11
		Day 57	2020-07-28 10:10 (29)	3.84		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-28 10:02 (-5)	0.87 (L)	G1 Lymphocytes Decreased	0.9 - 3.6
		Day 29	2020-06-30 09:25 (29)	1.69		0.9 - 3.6
		Day 57	2020-07-28 10:10 (29)	0.98	G1 Lymphocytes Decreased	0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-28 10:02 (-5)	22.0		12 - 46
		Day 29	2020-06-30 09:25 (29)	38.6		12 - 46
		Day 57	2020-07-28 10:10 (29)	25.5		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-28 10:02 (-5)	0.37		0 - 1.2
		Day 29	2020-06-30 09:25 (29)	0.41		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081019	Monocytes (10^9/L)	Day 57	2020-07-28 10:10 (29)	0.34		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-28 10:02 (-5)	9.3		0 - 11
		Day 29	2020-06-30 09:25 (29)	9.4		0 - 11
		Day 57	2020-07-28 10:10 (29)	8.9		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-28 10:02 (-5)	2.65		1.7 - 7.9
		Day 29	2020-06-30 09:25 (29)	2.08		1.7 - 7.9
		Day 57	2020-07-28 10:10 (29)	2.45		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-28 10:02 (-5)	66.9		34 - 71
		Day 29	2020-06-30 09:25 (29)	47.5		34 - 71
		Day 57	2020-07-28 10:10 (29)	63.7		34 - 71
	Platelets (10^9/L)	Screening	2020-05-28 10:02 (-5)	148 (L)		163 - 375
		Day 29	2020-06-30 09:25 (29)	248		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081019	Platelets (10^9/L)	Day 57	2020-07-28 10:10 (29)	142 (L)		163 - 375
US2081035	Basophils (10^9/L)	Screening	2020-05-29 13:46 (-4)	0.05		0 - 0.3
		Day 29	2020-07-01 11:10 (30)	0.04		0 - 0.3
		Day 57	2020-07-28 08:00 (28)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-29 13:46 (-4)	0.8		0 - 3
		Day 29	2020-07-01 11:10 (30)	0.9		0 - 3
		Day 57	2020-07-28 08:00 (28)	0.7		0 - 3
	Eosinophils (10^9/L)	Screening	2020-05-29 13:46 (-4)	0.04		0 - 0.8
		Day 29	2020-07-01 11:10 (30)	0.07		0 - 0.8
		Day 57	2020-07-28 08:00 (28)	0.12		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-29 13:46 (-4)	0.6		0 - 7
		Day 29	2020-07-01 11:10 (30)	1.6		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081035	Eosinophils/Leukocytes (%)	Day 57	2020-07-28 08:00 (28)	2.9		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-29 13:46 (-4)	4.85		3.7 - 5.2
		Day 29	2020-07-01 11:10 (30)	4.28		3.7 - 5.2
		Day 57	2020-07-28 08:00 (28)	4.07		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-29 13:46 (-4)	0.466		0.33 - 0.47
		Day 29	2020-07-01 11:10 (30)	0.429		0.33 - 0.47
		Day 57	2020-07-28 08:00 (28)	0.408		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-29 13:46 (-4)	157 (H)		110 - 155
		Day 29	2020-07-01 11:10 (30)	138	G2 Hemoglobin Decreased	110 - 155
		Day 57	2020-07-28 08:00 (28)	133	G3 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-29 13:46 (-4)	<0.03		0 - 0.07
		Day 29	2020-07-01 11:10 (30)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081035	Immature Granulocytes (10^9/L)	Day 57	2020-07-28 08:00 (28)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-29 13:46 (-4)	0.2		0 - 1
		Day 29	2020-07-01 11:10 (30)	0.0		0 - 1
		Day 57	2020-07-28 08:00 (28)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-29 13:46 (-4)	6.30		3.7 - 11
		Day 29	2020-07-01 11:10 (30)	4.30		3.7 - 11
		Day 57	2020-07-28 08:00 (28)	4.15		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-29 13:46 (-4)	1.19		0.9 - 3.6
		Day 29	2020-07-01 11:10 (30)	1.18		0.9 - 3.6
		Day 57	2020-07-28 08:00 (28)	1.39		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-29 13:46 (-4)	18.9		12 - 46
		Day 29	2020-07-01 11:10 (30)	27.4		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081035	Lymphocytes/Leukocytes (%)	Day 57	2020-07-28 08:00 (28)	33.5		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-29 13:46 (-4)	0.48		0 - 1.2
		Day 29	2020-07-01 11:10 (30)	0.41		0 - 1.2
		Day 57	2020-07-28 08:00 (28)	0.45		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-29 13:46 (-4)	7.6		0 - 11
		Day 29	2020-07-01 11:10 (30)	9.5		0 - 11
		Day 57	2020-07-28 08:00 (28)	10.8		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-29 13:46 (-4)	4.53		1.7 - 7.9
		Day 29	2020-07-01 11:10 (30)	2.60		1.7 - 7.9
		Day 57	2020-07-28 08:00 (28)	2.15		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-29 13:46 (-4)	71.9 (H)		34 - 71
		Day 29	2020-07-01 11:10 (30)	60.6		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081035	Neutrophils/Leukocytes (%)	Day 57	2020-07-28 08:00 (28)	51.9		34 - 71
	Platelets (10^9/L)	Screening	2020-05-29 13:46 (-4)	292		163 - 375
		Day 29	2020-07-01 11:10 (30)	281		163 - 375
		Day 57	2020-07-28 08:00 (28)	254		163 - 375
US2081069	Basophils (10^9/L)	Screening	2020-06-11 15:20 (-15)	0.05		0 - 0.3
		Day 29	2020-07-24 13:20 (29)	0.06		0 - 0.3
		Day 57	2020-08-24 14:40 (32)	0.05		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-11 15:20 (-15)	0.7		0 - 3
		Day 29	2020-07-24 13:20 (29)	0.7		0 - 3
		Day 57	2020-08-24 14:40 (32)	0.7		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-11 15:20 (-15)	<0.03		0 - 0.8
		Day 29	2020-07-24 13:20 (29)	<0.03		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081069	Eosinophils (10^9/L)	Day 57	2020-08-24 14:40 (32)	<0.03		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-11 15:20 (-15)	0.0		0 - 7
		Day 29	2020-07-24 13:20 (29)	0.0		0 - 7
		Day 57	2020-08-24 14:40 (32)	0.0		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-11 15:20 (-15)	4.28		3.7 - 5.2
		Day 29	2020-07-24 13:20 (29)	3.96		3.7 - 5.2
		Day 57	2020-08-24 14:40 (32)	4.22		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-11 15:20 (-15)	0.419		0.33 - 0.47
		Day 29	2020-07-24 13:20 (29)	0.398		0.33 - 0.47
		Day 57	2020-08-24 14:40 (32)	0.399		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-11 15:20 (-15)	133		110 - 155
		Day 29	2020-07-24 13:20 (29)	126	G1 Hemoglobin Decreased	110 - 155

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081069	Hemoglobin (g/L)	Day 57	2020-08-24 14:40 (32)	133		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-11 15:20 (-15)	<0.03		0 - 0.07
		Day 29	2020-07-24 13:20 (29)	<0.03		0 - 0.07
		Day 57	2020-08-24 14:40 (32)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-11 15:20 (-15)	0.1		0 - 1
		Day 29	2020-07-24 13:20 (29)	0.1		0 - 1
		Day 57	2020-08-24 14:40 (32)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-11 15:20 (-15)	7.53		3.7 - 11
		Day 29	2020-07-24 13:20 (29)	8.28		3.7 - 11
		Day 57	2020-08-24 14:40 (32)	7.62		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-11 15:20 (-15)	1.85		0.9 - 3.6
		Day 29	2020-07-24 13:20 (29)	1.72		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081069	Lymphocytes (10^9/L)	Day 57	2020-08-24 14:40 (32)	1.73		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-11 15:20 (-15)	24.6		12 - 46
		Day 29	2020-07-24 13:20 (29)	20.8		12 - 46
		Day 57	2020-08-24 14:40 (32)	22.7		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-11 15:20 (-15)	0.58		0 - 1.2
		Day 29	2020-07-24 13:20 (29)	0.55		0 - 1.2
		Day 57	2020-08-24 14:40 (32)	0.56		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-11 15:20 (-15)	7.7		0 - 11
		Day 29	2020-07-24 13:20 (29)	6.6		0 - 11
		Day 57	2020-08-24 14:40 (32)	7.3		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-11 15:20 (-15)	5.04		1.7 - 7.9
		Day 29	2020-07-24 13:20 (29)	5.94		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081069	Neutrophils (10^9/L)	Day 57	2020-08-24 14:40 (32)	5.26		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-11 15:20 (-15)	66.9		34 - 71
		Day 29	2020-07-24 13:20 (29)	71.8 (H)		34 - 71
		Day 57	2020-08-24 14:40 (32)	69.0		34 - 71
	Platelets (10^9/L)	Screening	2020-06-11 15:20 (-15)	292		163 - 375
		Day 29	2020-07-24 13:20 (29)	239		163 - 375
		Day 57	2020-08-24 14:40 (32)	267		163 - 375
US2081072	Basophils (10^9/L)	Screening	2020-06-15 09:55 (-11)	0.04		0 - 0.3
		Day 29	2020-07-24 11:05 (29)	0.03		0 - 0.3
		Day 57	2020-08-21 10:03 (29)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-15 09:55 (-11)	0.6		0 - 3
		Day 29	2020-07-24 11:05 (29)	0.6		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081072	Basophils/Leukocytes (%)	Day 57	2020-08-21 10:03 (29)	0.4		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-15 09:55 (-11)	0.28		0 - 0.8
		Day 29	2020-07-24 11:05 (29)	0.08		0 - 0.8
		Day 57	2020-08-21 10:03 (29)	0.09		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-15 09:55 (-11)	4.4		0 - 7
		Day 29	2020-07-24 11:05 (29)	1.5		0 - 7
		Day 57	2020-08-21 10:03 (29)	1.6		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-15 09:55 (-11)	4.81		4.63 - 6.08
		Day 29	2020-07-24 11:05 (29)	4.67		4.63 - 6.08
		Day 57	2020-08-21 10:03 (29)	4.66		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-15 09:55 (-11)	0.470		0.37 - 0.51
		Day 29	2020-07-24 11:05 (29)	0.473		0.37 - 0.51

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081072	Hematocrit (L/L)	Day 57	2020-08-21 10:03 (29)	0.459		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-15 09:55 (-11)	155		125 - 170
		Day 29	2020-07-24 11:05 (29)	151	G1 Hemoglobin Decreased	125 - 170
		Day 57	2020-08-21 10:03 (29)	148	G1 Hemoglobin Decreased	125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-15 09:55 (-11)	<0.03		0 - 0.07
		Day 29	2020-07-24 11:05 (29)	<0.03		0 - 0.07
		Day 57	2020-08-21 10:03 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-15 09:55 (-11)	0.3		0 - 1
		Day 29	2020-07-24 11:05 (29)	0.4		0 - 1
		Day 57	2020-08-21 10:03 (29)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-15 09:55 (-11)	6.30		3.7 - 11
		Day 29	2020-07-24 11:05 (29)	5.19		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081072	Leukocytes (10^9/L)	Day 57	2020-08-21 10:03 (29)	5.51		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-15 09:55 (-11)	1.84		0.9 - 3.6
		Day 29	2020-07-24 11:05 (29)	1.70		0.9 - 3.6
		Day 57	2020-08-21 10:03 (29)	1.81		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-15 09:55 (-11)	29.2		12 - 46
		Day 29	2020-07-24 11:05 (29)	32.8		12 - 46
		Day 57	2020-08-21 10:03 (29)	32.8		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-15 09:55 (-11)	0.51		0 - 1.2
		Day 29	2020-07-24 11:05 (29)	0.37		0 - 1.2
		Day 57	2020-08-21 10:03 (29)	0.45		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-15 09:55 (-11)	8.1		0 - 11
		Day 29	2020-07-24 11:05 (29)	7.1		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081072	Monocytes/Leukocytes (%)	Day 57	2020-08-21 10:03 (29)	8.2		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-15 09:55 (-11)	3.61		1.7 - 7.9
		Day 29	2020-07-24 11:05 (29)	2.99		1.7 - 7.9
		Day 57	2020-08-21 10:03 (29)	3.13		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-15 09:55 (-11)	57.4		34 - 71
		Day 29	2020-07-24 11:05 (29)	57.6		34 - 71
		Day 57	2020-08-21 10:03 (29)	56.8		34 - 71
	Platelets (10^9/L)	Screening	2020-06-15 09:55 (-11)	187		163 - 375
		Day 29	2020-07-24 11:05 (29)	166		163 - 375
		Day 57	2020-08-21 10:03 (29)	189		163 - 375
US2081075	Basophils (10^9/L)	Screening	2020-06-15 13:50 (-15)	<0.03		0 - 0.3
		Day 29	2020-07-29 09:25 (30)	<0.03		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081075	Basophils (10^9/L)	Day 57	2020-08-26 10:42 (29)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-15 13:50 (-15)	0.1		0 - 3
		Day 29	2020-07-29 09:25 (30)	0.2		0 - 3
		Day 57	2020-08-26 10:42 (29)	0.2		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-15 13:50 (-15)	0.07		0 - 0.8
		Day 29	2020-07-29 09:25 (30)	0.10		0 - 0.8
		Day 57	2020-08-26 10:42 (29)	0.08		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-15 13:50 (-15)	0.9		0 - 7
		Day 29	2020-07-29 09:25 (30)	1.7		0 - 7
		Day 57	2020-08-26 10:42 (29)	1.4		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-15 13:50 (-15)	4.84		4.63 - 6.08
		Day 29	2020-07-29 09:25 (30)	4.72		4.63 - 6.08

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081075	Erythrocytes (10^12/L)	Day 57	2020-08-26 10:42 (29)	4.83		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-15 13:50 (-15)	0.462		0.37 - 0.51
		Day 29	2020-07-29 09:25 (30)	0.459		0.37 - 0.51
		Day 57	2020-08-26 10:42 (29)	0.470		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-15 13:50 (-15)	153		125 - 170
		Day 29	2020-07-29 09:25 (30)	148	G1 Hemoglobin Decreased	125 - 170
		Day 57	2020-08-26 10:42 (29)	149	G1 Hemoglobin Decreased	125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-15 13:50 (-15)	0.04		0 - 0.07
		Day 29	2020-07-29 09:25 (30)	0.03		0 - 0.07
		Day 57	2020-08-26 10:42 (29)	0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-15 13:50 (-15)	0.5		0 - 1
		Day 29	2020-07-29 09:25 (30)	0.5		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081075	Immature Granulocytes/Leukocytes (%)	Day 57	2020-08-26 10:42 (29)	0.5		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-15 13:50 (-15)	7.61		3.7 - 11
		Day 29	2020-07-29 09:25 (30)	5.85		3.7 - 11
		Day 57	2020-08-26 10:42 (29)	5.69		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-15 13:50 (-15)	2.30		0.9 - 3.6
		Day 29	2020-07-29 09:25 (30)	2.01		0.9 - 3.6
		Day 57	2020-08-26 10:42 (29)	1.97		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-15 13:50 (-15)	30.2		12 - 46
		Day 29	2020-07-29 09:25 (30)	34.4		12 - 46
		Day 57	2020-08-26 10:42 (29)	34.6		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-15 13:50 (-15)	0.54		0 - 1.2
		Day 29	2020-07-29 09:25 (30)	0.40		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081075	Monocytes (10^9/L)	Day 57	2020-08-26 10:42 (29)	0.38		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-15 13:50 (-15)	7.1		0 - 11
		Day 29	2020-07-29 09:25 (30)	6.8		0 - 11
		Day 57	2020-08-26 10:42 (29)	6.7		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-15 13:50 (-15)	4.65		1.7 - 7.9
		Day 29	2020-07-29 09:25 (30)	3.30		1.7 - 7.9
		Day 57	2020-08-26 10:42 (29)	3.22		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-15 13:50 (-15)	61.2		34 - 71
		Day 29	2020-07-29 09:25 (30)	56.4		34 - 71
		Day 57	2020-08-26 10:42 (29)	56.6		34 - 71
	Platelets (10^9/L)	Screening	2020-06-15 13:50 (-15)	260		163 - 375
		Day 29	2020-07-29 09:25 (30)	227		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081075	Platelets (10^9/L)	Day 57	2020-08-26 10:42 (29)	254		163 - 375
US2081076	Basophils (10^9/L)	Screening	2020-06-16 12:06 (-15)	0.06		0 - 0.3
		Day 29	2020-08-05 14:10 (36)	0.05		0 - 0.3
		Day 57	2020-09-03 15:17 (30)	0.05		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-16 12:06 (-15)	1.0		0 - 3
		Day 29	2020-08-05 14:10 (36)	1.0		0 - 3
		Day 57	2020-09-03 15:17 (30)	0.9		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-16 12:06 (-15)	0.07		0 - 0.8
		Day 29	2020-08-05 14:10 (36)	0.05		0 - 0.8
		Day 57	2020-09-03 15:17 (30)	0.07		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-16 12:06 (-15)	1.2		0 - 7
		Day 29	2020-08-05 14:10 (36)	1.0		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081076	Eosinophils/Leukocytes (%)	Day 57	2020-09-03 15:17 (30)	1.3		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-16 12:06 (-15)	4.79		3.7 - 5.2
		Day 29	2020-08-05 14:10 (36)	4.42		3.7 - 5.2
		Day 57	2020-09-03 15:17 (30)	4.50		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-16 12:06 (-15)	0.442		0.33 - 0.47
		Day 29	2020-08-05 14:10 (36)	0.454		0.33 - 0.47
		Day 57	2020-09-03 15:17 (30)	0.406		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-16 12:06 (-15)	134		110 - 155
		Day 29	2020-08-05 14:10 (36)	124	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-09-03 15:17 (30)	126	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-16 12:06 (-15)	<0.03		0 - 0.07
		Day 29	2020-08-05 14:10 (36)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081076	Immature Granulocytes (10^9/L)	Day 57	2020-09-03 15:17 (30)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-16 12:06 (-15)	0.2		0 - 1
		Day 29	2020-08-05 14:10 (36)	0.4		0 - 1
		Day 57	2020-09-03 15:17 (30)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-16 12:06 (-15)	5.92		3.7 - 11
		Day 29	2020-08-05 14:10 (36)	4.78		3.7 - 11
		Day 57	2020-09-03 15:17 (30)	5.38		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-16 12:06 (-15)	2.00		0.9 - 3.6
		Day 29	2020-08-05 14:10 (36)	1.99		0.9 - 3.6
		Day 57	2020-09-03 15:17 (30)	2.28		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-16 12:06 (-15)	33.8		12 - 46
		Day 29	2020-08-05 14:10 (36)	41.6		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081076	Lymphocytes/Leukocytes (%)	Day 57	2020-09-03 15:17 (30)	42.4		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-16 12:06 (-15)	0.63		0 - 1.2
		Day 29	2020-08-05 14:10 (36)	0.39		0 - 1.2
		Day 57	2020-09-03 15:17 (30)	0.49		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-16 12:06 (-15)	10.6		0 - 11
		Day 29	2020-08-05 14:10 (36)	8.2		0 - 11
		Day 57	2020-09-03 15:17 (30)	9.1		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-16 12:06 (-15)	3.15		1.7 - 7.9
		Day 29	2020-08-05 14:10 (36)	2.28		1.7 - 7.9
		Day 57	2020-09-03 15:17 (30)	2.48		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-16 12:06 (-15)	53.2		34 - 71
		Day 29	2020-08-05 14:10 (36)	47.8		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081076	Neutrophils/Leukocytes (%)	Day 57	2020-09-03 15:17 (30)	46.1		34 - 71
	Platelets (10^9/L)	Screening	2020-06-16 12:06 (-15)	229		163 - 375
		Day 29	2020-08-05 14:10 (36)	237		163 - 375
		Day 57	2020-09-03 15:17 (30)	238		163 - 375
US2081081	Basophils (10^9/L)	Screening	2020-06-17 10:49 (-12)	0.03		0 - 0.3
		Day 29	2020-07-29 09:30 (31)	0.03		0 - 0.3
		Day 57	2020-08-27 10:42 (30)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-17 10:49 (-12)	0.6		0 - 3
		Day 29	2020-07-29 09:30 (31)	0.6		0 - 3
		Day 57	2020-08-27 10:42 (30)	0.7		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-17 10:49 (-12)	0.11		0 - 0.8
		Day 29	2020-07-29 09:30 (31)	0.13		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081081	Eosinophils (10^9/L)	Day 57	2020-08-27 10:42 (30)	0.14		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-17 10:49 (-12)	2.2		0 - 7
		Day 29	2020-07-29 09:30 (31)	2.8		0 - 7
		Day 57	2020-08-27 10:42 (30)	2.5		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-17 10:49 (-12)	4.14		3.7 - 5.2
		Day 29	2020-07-29 09:30 (31)	4.11		3.7 - 5.2
		Day 57	2020-08-27 10:42 (30)	4.23		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-17 10:49 (-12)	0.438		0.33 - 0.47
		Day 29	2020-07-29 09:30 (31)	0.422		0.33 - 0.47
		Day 57	2020-08-27 10:42 (30)	0.456		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-17 10:49 (-12)	138		110 - 155
		Day 29	2020-07-29 09:30 (31)	138		110 - 155

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081081	Hemoglobin (g/L)	Day 57	2020-08-27 10:42 (30)	140		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-17 10:49 (-12)	<0.03		0 - 0.07
		Day 29	2020-07-29 09:30 (31)	0.03		0 - 0.07
		Day 57	2020-08-27 10:42 (30)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-17 10:49 (-12)	0.2		0 - 1
		Day 29	2020-07-29 09:30 (31)	0.6		0 - 1
		Day 57	2020-08-27 10:42 (30)	0.4		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-17 10:49 (-12)	4.97		3.7 - 11
		Day 29	2020-07-29 09:30 (31)	4.66		3.7 - 11
		Day 57	2020-08-27 10:42 (30)	5.58		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-17 10:49 (-12)	1.50		0.9 - 3.6
		Day 29	2020-07-29 09:30 (31)	1.30		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081081	Lymphocytes (10^9/L)	Day 57	2020-08-27 10:42 (30)	1.43		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-17 10:49 (-12)	30.2		12 - 46
		Day 29	2020-07-29 09:30 (31)	27.9		12 - 46
		Day 57	2020-08-27 10:42 (30)	25.6		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-17 10:49 (-12)	0.56		0 - 1.2
		Day 29	2020-07-29 09:30 (31)	0.42		0 - 1.2
		Day 57	2020-08-27 10:42 (30)	0.53		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-17 10:49 (-12)	11.3 (H)		0 - 11
		Day 29	2020-07-29 09:30 (31)	9.0		0 - 11
		Day 57	2020-08-27 10:42 (30)	9.5		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-17 10:49 (-12)	2.76		1.7 - 7.9
		Day 29	2020-07-29 09:30 (31)	2.75		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081081	Neutrophils (10^9/L)	Day 57	2020-08-27 10:42 (30)	3.42		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-17 10:49 (-12)	55.5		34 - 71
		Day 29	2020-07-29 09:30 (31)	59.1		34 - 71
		Day 57	2020-08-27 10:42 (30)	61.3		34 - 71
	Platelets (10^9/L)	Screening	2020-06-17 10:49 (-12)	235		163 - 375
		Day 29	2020-07-29 09:30 (31)	265		163 - 375
		Day 57	2020-08-27 10:42 (30)	238		163 - 375
US2081088	Basophils (10^9/L)	Screening	2020-06-18 13:41 (-14)	0.05		0 - 0.3
		Day 29	2020-08-03 07:23 (33)	0.04		0 - 0.3
		Day 57	2020-08-31 10:37 (29)	0.06		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-18 13:41 (-14)	1.0		0 - 3
		Day 29	2020-08-03 07:23 (33)	0.9		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081088	Basophils/Leukocytes (%)	Day 57	2020-08-31 10:37 (29)	1.3		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-18 13:41 (-14)	0.09		0 - 0.8
		Day 29	2020-08-03 07:23 (33)	0.16		0 - 0.8
		Day 57	2020-08-31 10:37 (29)	0.16		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-18 13:41 (-14)	1.8		0 - 7
		Day 29	2020-08-03 07:23 (33)	3.6		0 - 7
		Day 57	2020-08-31 10:37 (29)	3.4		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-18 13:41 (-14)	5.10		4.63 - 6.08
		Day 29	2020-08-03 07:23 (33)	4.92		4.63 - 6.08
		Day 57	2020-08-31 10:37 (29)	4.82		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-18 13:41 (-14)	0.464		0.37 - 0.51
		Day 29	2020-08-03 07:23 (33)	0.459		0.37 - 0.51

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081088	Hematocrit (L/L)	Day 57	2020-08-31 10:37 (29)	0.450		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-18 13:41 (-14)	152		125 - 170
		Day 29	2020-08-03 07:23 (33)	147	G1 Hemoglobin Decreased	125 - 170
		Day 57	2020-08-31 10:37 (29)	144	G1 Hemoglobin Decreased	125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-18 13:41 (-14)	<0.03		0 - 0.07
		Day 29	2020-08-03 07:23 (33)	<0.03		0 - 0.07
		Day 57	2020-08-31 10:37 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-18 13:41 (-14)	0.2		0 - 1
		Day 29	2020-08-03 07:23 (33)	0.4		0 - 1
		Day 57	2020-08-31 10:37 (29)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-18 13:41 (-14)	5.11		3.7 - 11
		Day 29	2020-08-03 07:23 (33)	4.46		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081088	Leukocytes (10^9/L)	Day 57	2020-08-31 10:37 (29)	4.68		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-18 13:41 (-14)	1.73		0.9 - 3.6
		Day 29	2020-08-03 07:23 (33)	1.63		0.9 - 3.6
		Day 57	2020-08-31 10:37 (29)	1.87		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-18 13:41 (-14)	33.9		12 - 46
		Day 29	2020-08-03 07:23 (33)	36.5		12 - 46
		Day 57	2020-08-31 10:37 (29)	40.0		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-18 13:41 (-14)	0.44		0 - 1.2
		Day 29	2020-08-03 07:23 (33)	0.34		0 - 1.2
		Day 57	2020-08-31 10:37 (29)	0.36		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-18 13:41 (-14)	8.6		0 - 11
		Day 29	2020-08-03 07:23 (33)	7.6		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081088	Monocytes/Leukocytes (%)	Day 57	2020-08-31 10:37 (29)	7.7		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-18 13:41 (-14)	2.79		1.7 - 7.9
		Day 29	2020-08-03 07:23 (33)	2.27		1.7 - 7.9
		Day 57	2020-08-31 10:37 (29)	2.22		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-18 13:41 (-14)	54.5		34 - 71
		Day 29	2020-08-03 07:23 (33)	51.0		34 - 71
		Day 57	2020-08-31 10:37 (29)	47.4		34 - 71
	Platelets (10^9/L)	Screening	2020-06-18 13:41 (-14)	320		163 - 375
		Day 29	2020-08-03 07:23 (33)	281		163 - 375
		Day 57	2020-08-31 10:37 (29)	293		163 - 375
US2081091	Basophils (10^9/L)	Screening	2020-06-19 09:06 (-14)	0.04		0 - 0.3
		Unscheduled	2020-06-25 14:00 (-8)	0.03		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081091	Basophils (10^9/L)	Day 29	2020-08-03 09:06 (32)	0.04		0 - 0.3
		Day 57	2020-08-31 15:20 (29)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-19 09:06 (-14)	1.3		0 - 3
		Unscheduled	2020-06-25 14:00 (-8)	0.7		0 - 3
		Day 29	2020-08-03 09:06 (32)	0.9		0 - 3
		Day 57	2020-08-31 15:20 (29)	1.0		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-19 09:06 (-14)	<0.03		0 - 0.8
		Unscheduled	2020-06-25 14:00 (-8)	<0.03		0 - 0.8
		Day 29	2020-08-03 09:06 (32)	<0.03		0 - 0.8
		Day 57	2020-08-31 15:20 (29)	<0.03		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-19 09:06 (-14)	0.0		0 - 7
		Unscheduled	2020-06-25 14:00 (-8)	0.0		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081091	Eosinophils/Leukocytes (%)	Day 29	2020-08-03 09:06 (32)	0.0		0 - 7
		Day 57	2020-08-31 15:20 (29)	0.0		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-19 09:06 (-14)	3.92		3.7 - 5.2
		Unscheduled	2020-06-25 14:00 (-8)	3.63 (L)		3.7 - 5.2
		Day 29	2020-08-03 09:06 (32)	3.47 (L)		3.7 - 5.2
		Day 57	2020-08-31 15:20 (29)	3.89		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-19 09:06 (-14)	0.394		0.33 - 0.47
		Unscheduled	2020-06-25 14:00 (-8)	0.366		0.33 - 0.47
		Day 29	2020-08-03 09:06 (32)	0.342		0.33 - 0.47
		Day 57	2020-08-31 15:20 (29)	0.376		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-19 09:06 (-14)	129		110 - 155
		Unscheduled	2020-06-25 14:00 (-8)	116	G1 Hemoglobin Decreased	110 - 155

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081091	Hemoglobin (g/L)	Day 29	2020-08-03 09:06 (32)	118	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-31 15:20 (29)	124		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-19 09:06 (-14)	<0.03		0 - 0.07
		Unscheduled	2020-06-25 14:00 (-8)	0.03		0 - 0.07
		Day 29	2020-08-03 09:06 (32)	0.03		0 - 0.07
		Day 57	2020-08-31 15:20 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-19 09:06 (-14)	0.0		0 - 1
		Unscheduled	2020-06-25 14:00 (-8)	0.7		0 - 1
		Day 29	2020-08-03 09:06 (32)	0.7		0 - 1
		Day 57	2020-08-31 15:20 (29)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-19 09:06 (-14)	3.07 (L)	G1 WBC Decreased	3.7 - 11
		Unscheduled	2020-06-25 14:00 (-8)	4.10		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081091	Leukocytes (10^9/L)	Day 29	2020-08-03 09:06 (32)	4.45		3.7 - 11
		Day 57	2020-08-31 15:20 (29)	4.05		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-19 09:06 (-14)	0.84 (L)	G1 Lymphocytes Decreased	0.9 - 3.6
		Unscheduled	2020-06-25 14:00 (-8)	1.26		0.9 - 3.6
		Day 29	2020-08-03 09:06 (32)	0.81 (L)	G1 Lymphocytes Decreased	0.9 - 3.6
		Day 57	2020-08-31 15:20 (29)	1.27		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-19 09:06 (-14)	27.4		12 - 46
		Unscheduled	2020-06-25 14:00 (-8)	30.7		12 - 46
		Day 29	2020-08-03 09:06 (32)	18.2		12 - 46
		Day 57	2020-08-31 15:20 (29)	31.4		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-19 09:06 (-14)	0.32		0 - 1.2
		Unscheduled	2020-06-25 14:00 (-8)	0.43		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081091	Monocytes (10^9/L)	Day 29	2020-08-03 09:06 (32)	0.27		0 - 1.2
		Day 57	2020-08-31 15:20 (29)	0.38		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-19 09:06 (-14)	10.4		0 - 11
		Unscheduled	2020-06-25 14:00 (-8)	10.5		0 - 11
		Day 29	2020-08-03 09:06 (32)	6.1		0 - 11
		Day 57	2020-08-31 15:20 (29)	9.4		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-19 09:06 (-14)	1.87	G1 Neutrophils Decreased	1.7 - 7.9
		Unscheduled	2020-06-25 14:00 (-8)	2.35		1.7 - 7.9
		Day 29	2020-08-03 09:06 (32)	3.30		1.7 - 7.9
		Day 57	2020-08-31 15:20 (29)	2.35		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-19 09:06 (-14)	60.9		34 - 71
		Unscheduled	2020-06-25 14:00 (-8)	57.4		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081091	Neutrophils/Leukocytes (%)	Day 29	2020-08-03 09:06 (32)	74.1 (H)		34 - 71
		Day 57	2020-08-31 15:20 (29)	58.0		34 - 71
	Platelets (10^9/L)	Screening	2020-06-19 09:06 (-14)	301		163 - 375
		Unscheduled	2020-06-25 14:00 (-8)	280		163 - 375
		Day 29	2020-08-03 09:06 (32)	270		163 - 375
		Day 57	2020-08-31 15:20 (29)	289		163 - 375
US2081093	Basophils (10^9/L)	Screening	2020-06-19 12:24 (-13)	<0.03		0 - 0.3
		Day 29	2020-08-03 11:32 (33)	0.04		0 - 0.3
		Day 57	2020-09-01 11:29 (30)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-19 12:24 (-13)	0.3		0 - 3
		Day 29	2020-08-03 11:32 (33)	0.8		0 - 3
		Day 57	2020-09-01 11:29 (30)	1.0		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081093	Eosinophils (10^9/L)	Screening	2020-06-19 12:24 (-13)	0.03		0 - 0.8
		Day 29	2020-08-03 11:32 (33)	0.10		0 - 0.8
		Day 57	2020-09-01 11:29 (30)	0.08		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-19 12:24 (-13)	0.5		0 - 7
		Day 29	2020-08-03 11:32 (33)	2.0		0 - 7
		Day 57	2020-09-01 11:29 (30)	2.6		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-19 12:24 (-13)	4.22		3.7 - 5.2
		Day 29	2020-08-03 11:32 (33)	4.45		3.7 - 5.2
		Day 57	2020-09-01 11:29 (30)	4.18		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-19 12:24 (-13)	0.443		0.33 - 0.47
		Day 29	2020-08-03 11:32 (33)	0.453		0.33 - 0.47
		Day 57	2020-09-01 11:29 (30)	0.440		0.33 - 0.47

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081093	Hemoglobin (g/L)	Screening	2020-06-19 12:24 (-13)	139		110 - 155
		Day 29	2020-08-03 11:32 (33)	147		110 - 155
		Day 57	2020-09-01 11:29 (30)	136	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-19 12:24 (-13)	<0.03		0 - 0.07
		Day 29	2020-08-03 11:32 (33)	<0.03		0 - 0.07
		Day 57	2020-09-01 11:29 (30)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-19 12:24 (-13)	0.3		0 - 1
		Day 29	2020-08-03 11:32 (33)	0.2		0 - 1
		Day 57	2020-09-01 11:29 (30)	0.0		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-19 12:24 (-13)	6.00		3.7 - 11
		Day 29	2020-08-03 11:32 (33)	4.92		3.7 - 11
		Day 57	2020-09-01 11:29 (30)	3.13 (L)	G1 WBC Decreased	3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081093	Lymphocytes (10^9/L)	Screening	2020-06-19 12:24 (-13)	1.16		0.9 - 3.6
		Day 29	2020-08-03 11:32 (33)	1.14		0.9 - 3.6
		Day 57	2020-09-01 11:29 (30)	1.05		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-19 12:24 (-13)	19.3		12 - 46
		Day 29	2020-08-03 11:32 (33)	23.2		12 - 46
		Day 57	2020-09-01 11:29 (30)	33.5		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-19 12:24 (-13)	0.55		0 - 1.2
		Day 29	2020-08-03 11:32 (33)	0.51		0 - 1.2
		Day 57	2020-09-01 11:29 (30)	0.44		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-19 12:24 (-13)	9.2		0 - 11
		Day 29	2020-08-03 11:32 (33)	10.4		0 - 11
		Day 57	2020-09-01 11:29 (30)	14.1 (H)		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081093	Neutrophils (10^9/L)	Screening	2020-06-19 12:24 (-13)	4.22		1.7 - 7.9
		Day 29	2020-08-03 11:32 (33)	3.12		1.7 - 7.9
		Day 57	2020-09-01 11:29 (30)	1.53 (L)	G1 Neutrophils Decreased	1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-19 12:24 (-13)	70.4		34 - 71
		Day 29	2020-08-03 11:32 (33)	63.4		34 - 71
		Day 57	2020-09-01 11:29 (30)	48.8		34 - 71
	Platelets (10^9/L)	Screening	2020-06-19 12:24 (-13)	265		163 - 375
		Day 29	2020-08-03 11:32 (33)	284		163 - 375
		Day 57	2020-09-01 11:29 (30)	290		163 - 375
US2081099	Basophils (10^9/L)	Screening	2020-06-22 10:52 (-4)	0.07		0 - 0.3
		Day 29	2020-07-29 07:28 (34)	0.06		0 - 0.3
		Day 57	2020-08-26 09:47 (29)	0.06		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081099	Basophils/Leukocytes (%)	Screening	2020-06-22 10:52 (-4)	1.4		0 - 3
		Day 29	2020-07-29 07:28 (34)	1.7		0 - 3
		Day 57	2020-08-26 09:47 (29)	1.3		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-22 10:52 (-4)	0.09		0 - 0.8
		Day 29	2020-07-29 07:28 (34)	0.10		0 - 0.8
		Day 57	2020-08-26 09:47 (29)	0.06		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-22 10:52 (-4)	1.8		0 - 7
		Day 29	2020-07-29 07:28 (34)	2.8		0 - 7
		Day 57	2020-08-26 09:47 (29)	1.3		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-22 10:52 (-4)	4.54		3.7 - 5.2
		Day 29	2020-07-29 07:28 (34)	4.56		3.7 - 5.2
		Day 57	2020-08-26 09:47 (29)	4.46		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081099	Hematocrit (L/L)	Screening	2020-06-22 10:52 (-4)	0.451		0.33 - 0.47
		Day 29	2020-07-29 07:28 (34)	0.439		0.33 - 0.47
		Day 57	2020-08-26 09:47 (29)	0.420		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-22 10:52 (-4)	136		110 - 155
		Day 29	2020-07-29 07:28 (34)	136		110 - 155
		Day 57	2020-08-26 09:47 (29)	134	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-22 10:52 (-4)	<0.03		0 - 0.07
		Day 29	2020-07-29 07:28 (34)	<0.03		0 - 0.07
		Day 57	2020-08-26 09:47 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-22 10:52 (-4)	0.2		0 - 1
		Day 29	2020-07-29 07:28 (34)	0.0		0 - 1
		Day 57	2020-08-26 09:47 (29)	0.0		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081099	Leukocytes (10^9/L)	Screening	2020-06-22 10:52 (-4)	5.07		3.7 - 11
		Day 29	2020-07-29 07:28 (34)	3.62 (L)		3.7 - 11
		Day 57	2020-08-26 09:47 (29)	4.77		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-22 10:52 (-4)	1.87		0.9 - 3.6
		Day 29	2020-07-29 07:28 (34)	1.57		0.9 - 3.6
		Day 57	2020-08-26 09:47 (29)	1.77		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-22 10:52 (-4)	36.9		12 - 46
		Day 29	2020-07-29 07:28 (34)	43.4		12 - 46
		Day 57	2020-08-26 09:47 (29)	37.1		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-22 10:52 (-4)	0.38		0 - 1.2
		Day 29	2020-07-29 07:28 (34)	0.28		0 - 1.2
		Day 57	2020-08-26 09:47 (29)	0.29		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081099	Monocytes/Leukocytes (%)	Screening	2020-06-22 10:52 (-4)	7.5		0 - 11
		Day 29	2020-07-29 07:28 (34)	7.7		0 - 11
		Day 57	2020-08-26 09:47 (29)	6.1		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-22 10:52 (-4)	2.65		1.7 - 7.9
		Day 29	2020-07-29 07:28 (34)	1.61 (L)	G1 Neutrophils Decreased	1.7 - 7.9
		Day 57	2020-08-26 09:47 (29)	2.59		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-22 10:52 (-4)	52.2		34 - 71
		Day 29	2020-07-29 07:28 (34)	44.4		34 - 71
		Day 57	2020-08-26 09:47 (29)	54.2		34 - 71
	Platelets (10^9/L)	Screening	2020-06-22 10:52 (-4)	234		163 - 375
		Day 29	2020-07-29 07:28 (34)	205		163 - 375
		Day 57	2020-08-26 09:47 (29)	217		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081108	Basophils (10^9/L)	Screening	2020-06-23 13:35 (-10)	0.05		0 - 0.3
		Day 29	2020-07-31 11:15 (29)	0.05		0 - 0.3
		Day 57	2020-08-28 14:48 (29)	0.06		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-23 13:35 (-10)	0.8		0 - 3
		Day 29	2020-07-31 11:15 (29)	1.1		0 - 3
		Day 57	2020-08-28 14:48 (29)	1.1		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-23 13:35 (-10)	0.13		0 - 0.8
		Day 29	2020-07-31 11:15 (29)	0.09		0 - 0.8
		Day 57	2020-08-28 14:48 (29)	0.07		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-23 13:35 (-10)	2.1		0 - 7
		Day 29	2020-07-31 11:15 (29)	1.9		0 - 7
		Day 57	2020-08-28 14:48 (29)	1.2		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081108	Erythrocytes (10^12/L)	Screening	2020-06-23 13:35 (-10)	5.06		3.7 - 5.2
		Day 29	2020-07-31 11:15 (29)	4.71		3.7 - 5.2
		Day 57	2020-08-28 14:48 (29)	4.66		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-23 13:35 (-10)	0.490 (H)		0.33 - 0.47
		Day 29	2020-07-31 11:15 (29)	0.467		0.33 - 0.47
		Day 57	2020-08-28 14:48 (29)	0.468		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-23 13:35 (-10)	157 (H)		110 - 155
		Day 29	2020-07-31 11:15 (29)	152	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-28 14:48 (29)	149	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-23 13:35 (-10)	<0.03		0 - 0.07
		Day 29	2020-07-31 11:15 (29)	<0.03		0 - 0.07
		Day 57	2020-08-28 14:48 (29)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081108	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-23 13:35 (-10)	0.2		0 - 1
		Day 29	2020-07-31 11:15 (29)	0.4		0 - 1
		Day 57	2020-08-28 14:48 (29)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-23 13:35 (-10)	6.31		3.7 - 11
		Day 29	2020-07-31 11:15 (29)	4.70		3.7 - 11
		Day 57	2020-08-28 14:48 (29)	5.62		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-23 13:35 (-10)	1.87		0.9 - 3.6
		Day 29	2020-07-31 11:15 (29)	1.46		0.9 - 3.6
		Day 57	2020-08-28 14:48 (29)	1.69		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-23 13:35 (-10)	29.6		12 - 46
		Day 29	2020-07-31 11:15 (29)	31.1		12 - 46
		Day 57	2020-08-28 14:48 (29)	30.1		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081108	Monocytes (10^9/L)	Screening	2020-06-23 13:35 (-10)	0.55		0 - 1.2
		Day 29	2020-07-31 11:15 (29)	0.43		0 - 1.2
		Day 57	2020-08-28 14:48 (29)	0.43		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-23 13:35 (-10)	8.7		0 - 11
		Day 29	2020-07-31 11:15 (29)	9.1		0 - 11
		Day 57	2020-08-28 14:48 (29)	7.7		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-23 13:35 (-10)	3.70		1.7 - 7.9
		Day 29	2020-07-31 11:15 (29)	2.65		1.7 - 7.9
		Day 57	2020-08-28 14:48 (29)	3.36		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-23 13:35 (-10)	58.6		34 - 71
		Day 29	2020-07-31 11:15 (29)	56.4		34 - 71
		Day 57	2020-08-28 14:48 (29)	59.7		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081108	Platelets (10^9/L)	Screening	2020-06-23 13:35 (-10)	214		163 - 375
		Day 29	2020-07-31 11:15 (29)	226		163 - 375
		Day 57	2020-08-28 14:48 (29)	212		163 - 375
US2081116	Basophils (10^9/L)	Screening	2020-06-24 10:50 (-5)	0.03		0 - 0.3
		Day 29	2020-07-29 11:34 (31)	0.05		0 - 0.3
		Day 57	2020-08-27 11:29 (30)	0.07		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-24 10:50 (-5)	0.7		0 - 3
		Day 29	2020-07-29 11:34 (31)	1.2		0 - 3
		Day 57	2020-08-27 11:29 (30)	1.5		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-24 10:50 (-5)	0.12		0 - 0.8
		Day 29	2020-07-29 11:34 (31)	0.12		0 - 0.8
		Day 57	2020-08-27 11:29 (30)	0.15		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081116	Eosinophils/Leukocytes (%)	Screening	2020-06-24 10:50 (-5)	2.9		0 - 7
		Day 29	2020-07-29 11:34 (31)	2.9		0 - 7
		Day 57	2020-08-27 11:29 (30)	3.3		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-24 10:50 (-5)	4.75		4.63 - 6.08
		Day 29	2020-07-29 11:34 (31)	4.56 (L)		4.63 - 6.08
		Day 57	2020-08-27 11:29 (30)	4.57 (L)		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-24 10:50 (-5)	0.457		0.37 - 0.51
		Day 29	2020-07-29 11:34 (31)	0.425		0.37 - 0.51
		Day 57	2020-08-27 11:29 (30)	0.442		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-24 10:50 (-5)	143		125 - 170
		Day 29	2020-07-29 11:34 (31)	137	G1 Hemoglobin Decreased	125 - 170
		Day 57	2020-08-27 11:29 (30)	139	G1 Hemoglobin Decreased	125 - 170

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081116	Immature Granulocytes (10^9/L)	Screening	2020-06-24 10:50 (-5)	<0.03		0 - 0.07
		Day 29	2020-07-29 11:34 (31)	<0.03		0 - 0.07
		Day 57	2020-08-27 11:29 (30)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-24 10:50 (-5)	0.2		0 - 1
		Day 29	2020-07-29 11:34 (31)	0.2		0 - 1
		Day 57	2020-08-27 11:29 (30)	0.4		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-24 10:50 (-5)	4.17		3.7 - 11
		Day 29	2020-07-29 11:34 (31)	4.16		3.7 - 11
		Day 57	2020-08-27 11:29 (30)	4.53		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-24 10:50 (-5)	1.24		0.9 - 3.6
		Day 29	2020-07-29 11:34 (31)	1.21		0.9 - 3.6
		Day 57	2020-08-27 11:29 (30)	1.44		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081116	Lymphocytes/Leukocytes (%)	Screening	2020-06-24 10:50 (-5)	29.7		12 - 46
		Day 29	2020-07-29 11:34 (31)	29.1		12 - 46
		Day 57	2020-08-27 11:29 (30)	31.8		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-24 10:50 (-5)	0.55		0 - 1.2
		Day 29	2020-07-29 11:34 (31)	0.55		0 - 1.2
		Day 57	2020-08-27 11:29 (30)	0.52		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-24 10:50 (-5)	13.2 (H)		0 - 11
		Day 29	2020-07-29 11:34 (31)	13.2 (H)		0 - 11
		Day 57	2020-08-27 11:29 (30)	11.5 (H)		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-24 10:50 (-5)	2.22		1.7 - 7.9
		Day 29	2020-07-29 11:34 (31)	2.22		1.7 - 7.9
		Day 57	2020-08-27 11:29 (30)	2.33		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081116	Neutrophils/Leukocytes (%)	Screening	2020-06-24 10:50 (-5)	53.3		34 - 71
		Day 29	2020-07-29 11:34 (31)	53.4		34 - 71
		Day 57	2020-08-27 11:29 (30)	51.5		34 - 71
	Platelets (10^9/L)	Screening	2020-06-24 10:50 (-5)	279		163 - 375
		Day 29	2020-07-29 11:34 (31)	286		163 - 375
		Day 57	2020-08-27 11:29 (30)	270		163 - 375
US2081117	Basophils (10^9/L)	Screening	2020-06-24 12:05 (-12)	0.03		0 - 0.3
		Day 29	2020-08-11 14:27 (37)	<0.03		0 - 0.3
		Day 57	2020-09-08 11:58 (29)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-24 12:05 (-12)	0.8		0 - 3
		Day 29	2020-08-11 14:27 (37)	0.5		0 - 3
		Day 57	2020-09-08 11:58 (29)	0.6		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081117	Eosinophils (10^9/L)	Screening	2020-06-24 12:05 (-12)	0.05		0 - 0.8
		Day 29	2020-08-11 14:27 (37)	<0.03		0 - 0.8
		Day 57	2020-09-08 11:58 (29)	0.08		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-24 12:05 (-12)	1.3		0 - 7
		Day 29	2020-08-11 14:27 (37)	0.5		0 - 7
		Day 57	2020-09-08 11:58 (29)	2.4		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-24 12:05 (-12)	4.22		3.7 - 5.2
		Day 29	2020-08-11 14:27 (37)	4.20		3.7 - 5.2
		Day 57	2020-09-08 11:58 (29)	4.01		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-24 12:05 (-12)	0.433		0.33 - 0.47
		Day 29	2020-08-11 14:27 (37)	0.431		0.33 - 0.47
		Day 57	2020-09-08 11:58 (29)	0.408		0.33 - 0.47

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081117	Hemoglobin (g/L)	Screening	2020-06-24 12:05 (-12)	136		110 - 155
		Day 29	2020-08-11 14:27 (37)	132	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-09-08 11:58 (29)	128	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-24 12:05 (-12)	<0.03		0 - 0.07
		Day 29	2020-08-11 14:27 (37)	0.03		0 - 0.07
		Day 57	2020-09-08 11:58 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-24 12:05 (-12)	0.3		0 - 1
		Day 29	2020-08-11 14:27 (37)	0.8		0 - 1
		Day 57	2020-09-08 11:58 (29)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-24 12:05 (-12)	3.81		3.7 - 11
		Day 29	2020-08-11 14:27 (37)	3.86		3.7 - 11
		Day 57	2020-09-08 11:58 (29)	3.27 (L)	G1 WBC Decreased	3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081117	Lymphocytes (10^9/L)	Screening	2020-06-24 12:05 (-12)	1.30		0.9 - 3.6
		Day 29	2020-08-11 14:27 (37)	0.95	G1 Lymphocytes Decreased	0.9 - 3.6
		Day 57	2020-09-08 11:58 (29)	1.24		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-24 12:05 (-12)	34.1		12 - 46
		Day 29	2020-08-11 14:27 (37)	24.6		12 - 46
		Day 57	2020-09-08 11:58 (29)	37.9		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-24 12:05 (-12)	0.37		0 - 1.2
		Day 29	2020-08-11 14:27 (37)	0.24		0 - 1.2
		Day 57	2020-09-08 11:58 (29)	0.32		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-24 12:05 (-12)	9.7		0 - 11
		Day 29	2020-08-11 14:27 (37)	6.2		0 - 11
		Day 57	2020-09-08 11:58 (29)	9.8		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081117	Neutrophils (10^9/L)	Screening	2020-06-24 12:05 (-12)	2.05		1.7 - 7.9
		Day 29	2020-08-11 14:27 (37)	2.60		1.7 - 7.9
		Day 57	2020-09-08 11:58 (29)	1.60 (L)	G1 Neutrophils Decreased	1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-24 12:05 (-12)	53.8		34 - 71
		Day 29	2020-08-11 14:27 (37)	67.4		34 - 71
		Day 57	2020-09-08 11:58 (29)	49.0		34 - 71
	Platelets (10^9/L)	Screening	2020-06-24 12:05 (-12)	195		163 - 375
		Day 29	2020-08-11 14:27 (37)	204		163 - 375
		Day 57	2020-09-08 11:58 (29)	203		163 - 375
US2081120	Basophils (10^9/L)	Screening	2020-06-24 13:38 (-7)	0.03		0 - 0.3
		Unscheduled	2020-06-29 12:05 (-2)	0.04		0 - 0.3
		Day 29	2020-07-29 13:11 (29)	<0.03		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081120	Basophils (10^9/L)	Day 57	2020-08-26 11:27 (29)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-24 13:38 (-7)	0.5		0 - 3
		Unscheduled	2020-06-29 12:05 (-2)	0.9		0 - 3
		Day 29	2020-07-29 13:11 (29)	0.5		0 - 3
		Day 57	2020-08-26 11:27 (29)	0.6		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-24 13:38 (-7)	<0.03		0 - 0.8
		Unscheduled	2020-06-29 12:05 (-2)	<0.03		0 - 0.8
		Day 29	2020-07-29 13:11 (29)	0.03		0 - 0.8
		Day 57	2020-08-26 11:27 (29)	<0.03		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-24 13:38 (-7)	0.4		0 - 7
		Unscheduled	2020-06-29 12:05 (-2)	0.5		0 - 7
		Day 29	2020-07-29 13:11 (29)	0.7		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081120	Eosinophils/Leukocytes (%)	Day 57	2020-08-26 11:27 (29)	0.4		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-24 13:38 (-7)	5.27		4.63 - 6.08
		Unscheduled	2020-06-29 12:05 (-2)	4.88		4.63 - 6.08
		Day 29	2020-07-29 13:11 (29)	5.26		4.63 - 6.08
		Day 57	2020-08-26 11:27 (29)	5.20		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-24 13:38 (-7)	0.554 (H)		0.37 - 0.51
		Unscheduled	2020-06-29 12:05 (-2)	0.519 (H)		0.37 - 0.51
		Day 29	2020-07-29 13:11 (29)	0.538 (H)		0.37 - 0.51
		Day 57	2020-08-26 11:27 (29)	0.529 (H)		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-24 13:38 (-7)	175 (H)		125 - 170
		Unscheduled	2020-06-29 12:05 (-2)	162		125 - 170
		Day 29	2020-07-29 13:11 (29)	177 (H)		125 - 170

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081120	Hemoglobin (g/L)	Day 57	2020-08-26 11:27 (29)	173 (H)		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-24 13:38 (-7)	<0.03		0 - 0.07
		Unscheduled	2020-06-29 12:05 (-2)	<0.03		0 - 0.07
		Day 29	2020-07-29 13:11 (29)	<0.03		0 - 0.07
		Day 57	2020-08-26 11:27 (29)	0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-24 13:38 (-7)	0.4		0 - 1
		Unscheduled	2020-06-29 12:05 (-2)	0.2		0 - 1
		Day 29	2020-07-29 13:11 (29)	0.5		0 - 1
		Day 57	2020-08-26 11:27 (29)	0.6		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-24 13:38 (-7)	5.46		3.7 - 11
		Unscheduled	2020-06-29 12:05 (-2)	4.31		3.7 - 11
		Day 29	2020-07-29 13:11 (29)	4.26		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081120	Leukocytes (10^9/L)	Day 57	2020-08-26 11:27 (29)	4.80		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-24 13:38 (-7)	1.10		0.9 - 3.6
		Unscheduled	2020-06-29 12:05 (-2)	1.17		0.9 - 3.6
		Day 29	2020-07-29 13:11 (29)	1.04		0.9 - 3.6
		Day 57	2020-08-26 11:27 (29)	1.14		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-24 13:38 (-7)	20.1		12 - 46
		Unscheduled	2020-06-29 12:05 (-2)	27.1		12 - 46
		Day 29	2020-07-29 13:11 (29)	24.4		12 - 46
		Day 57	2020-08-26 11:27 (29)	23.8		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-24 13:38 (-7)	0.56		0 - 1.2
		Unscheduled	2020-06-29 12:05 (-2)	0.67		0 - 1.2
		Day 29	2020-07-29 13:11 (29)	0.49		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081120	Monocytes (10^9/L)	Day 57	2020-08-26 11:27 (29)	0.66		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-24 13:38 (-7)	10.3		0 - 11
		Unscheduled	2020-06-29 12:05 (-2)	15.5 (H)		0 - 11
		Day 29	2020-07-29 13:11 (29)	11.5 (H)		0 - 11
		Day 57	2020-08-26 11:27 (29)	13.8 (H)		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-24 13:38 (-7)	3.73		1.7 - 7.9
		Unscheduled	2020-06-29 12:05 (-2)	2.40		1.7 - 7.9
		Day 29	2020-07-29 13:11 (29)	2.66		1.7 - 7.9
		Day 57	2020-08-26 11:27 (29)	2.92		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-24 13:38 (-7)	68.3		34 - 71
		Unscheduled	2020-06-29 12:05 (-2)	55.8		34 - 71
		Day 29	2020-07-29 13:11 (29)	62.4		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081120	Neutrophils/Leukocytes (%)	Day 57	2020-08-26 11:27 (29)	60.8		34 - 71
	Platelets (10^9/L)	Screening	2020-06-24 13:38 (-7)	149 (L)		163 - 375
		Unscheduled	2020-06-29 12:05 (-2)	150 (L)		163 - 375
		Day 29	2020-07-29 13:11 (29)	155 (L)		163 - 375
		Day 57	2020-08-26 11:27 (29)	147 (L)		163 - 375
US2081121	Basophils (10^9/L)	Screening	2020-06-24 15:40 (-12)	0.06		0 - 0.3
		Day 29	2020-08-10 12:15 (36)	0.03		0 - 0.3
		Day 57	2020-09-04 13:43 (26)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-24 15:40 (-12)	0.9		0 - 3
		Day 29	2020-08-10 12:15 (36)	0.5		0 - 3
		Day 57	2020-09-04 13:43 (26)	0.7		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-24 15:40 (-12)	0.06		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081121	Eosinophils (10^9/L)	Day 29	2020-08-10 12:15 (36)	0.06		0 - 0.8
		Day 57	2020-09-04 13:43 (26)	0.06		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-24 15:40 (-12)	0.9		0 - 7
		Day 29	2020-08-10 12:15 (36)	0.9		0 - 7
		Day 57	2020-09-04 13:43 (26)	1.1		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-24 15:40 (-12)	4.12		3.7 - 5.2
		Day 29	2020-08-10 12:15 (36)	4.34		3.7 - 5.2
		Day 57	2020-09-04 13:43 (26)	4.00		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-24 15:40 (-12)	0.423		0.33 - 0.47
		Day 29	2020-08-10 12:15 (36)	0.450		0.33 - 0.47
		Day 57	2020-09-04 13:43 (26)	0.415		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-24 15:40 (-12)	134		110 - 155

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081121	Hemoglobin (g/L)	Day 29	2020-08-10 12:15 (36)	141		110 - 155
		Day 57	2020-09-04 13:43 (26)	130	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-24 15:40 (-12)	<0.03		0 - 0.07
		Day 29	2020-08-10 12:15 (36)	<0.03		0 - 0.07
		Day 57	2020-09-04 13:43 (26)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-24 15:40 (-12)	0.1		0 - 1
		Day 29	2020-08-10 12:15 (36)	0.2		0 - 1
		Day 57	2020-09-04 13:43 (26)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-24 15:40 (-12)	6.68		3.7 - 11
		Day 29	2020-08-10 12:15 (36)	6.61		3.7 - 11
		Day 57	2020-09-04 13:43 (26)	5.61		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-24 15:40 (-12)	1.84		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081121	Lymphocytes (10^9/L)	Day 29	2020-08-10 12:15 (36)	1.67		0.9 - 3.6
		Day 57	2020-09-04 13:43 (26)	1.70		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-24 15:40 (-12)	27.5		12 - 46
		Day 29	2020-08-10 12:15 (36)	25.3		12 - 46
		Day 57	2020-09-04 13:43 (26)	30.3		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-24 15:40 (-12)	0.40		0 - 1.2
		Day 29	2020-08-10 12:15 (36)	0.50		0 - 1.2
		Day 57	2020-09-04 13:43 (26)	0.42		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-24 15:40 (-12)	6.0		0 - 11
		Day 29	2020-08-10 12:15 (36)	7.6		0 - 11
		Day 57	2020-09-04 13:43 (26)	7.5		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-24 15:40 (-12)	4.31		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081121	Neutrophils (10^9/L)	Day 29	2020-08-10 12:15 (36)	4.34		1.7 - 7.9
		Day 57	2020-09-04 13:43 (26)	3.38		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-24 15:40 (-12)	64.6		34 - 71
		Day 29	2020-08-10 12:15 (36)	65.5		34 - 71
		Day 57	2020-09-04 13:43 (26)	60.2		34 - 71
	Platelets (10^9/L)	Screening	2020-06-24 15:40 (-12)	257		163 - 375
		Day 29	2020-08-10 12:15 (36)	259		163 - 375
		Day 57	2020-09-04 13:43 (26)	254		163 - 375
US2081129	Basophils (10^9/L)	Screening	2020-06-25 15:20 (-7)	0.03		0 - 0.3
		Day 29	2020-08-03 13:23 (33)	0.03		0 - 0.3
		Unscheduled	2020-08-10 13:45 (8)	0.03		0 - 0.3
		Day 57	2020-08-31 13:56 (29)	0.03		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081129	Basophils/Leukocytes (%)	Screening	2020-06-25 15:20 (-7)	0.4		0 - 3
		Day 29	2020-08-03 13:23 (33)	0.6		0 - 3
		Unscheduled	2020-08-10 13:45 (8)	0.5		0 - 3
		Day 57	2020-08-31 13:56 (29)	0.4		0 - 3
	Eosinophils (10^9/L)	Screening	2020-06-25 15:20 (-7)	0.07		0 - 0.8
		Day 29	2020-08-03 13:23 (33)	0.03		0 - 0.8
		Unscheduled	2020-08-10 13:45 (8)	0.07		0 - 0.8
		Day 57	2020-08-31 13:56 (29)	0.05		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-25 15:20 (-7)	1.0		0 - 7
		Day 29	2020-08-03 13:23 (33)	0.6		0 - 7
		Unscheduled	2020-08-10 13:45 (8)	1.1		0 - 7
		Day 57	2020-08-31 13:56 (29)	0.7		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081129	Erythrocytes (10^12/L)	Screening	2020-06-25 15:20 (-7)	4.50		3.7 - 5.2
		Day 29	2020-08-03 13:23 (33)	4.52		3.7 - 5.2
		Unscheduled	2020-08-10 13:45 (8)	4.58		3.7 - 5.2
		Day 57	2020-08-31 13:56 (29)	4.54		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-25 15:20 (-7)	0.455		0.33 - 0.47
		Day 29	2020-08-03 13:23 (33)	0.449		0.33 - 0.47
		Unscheduled	2020-08-10 13:45 (8)	0.467		0.33 - 0.47
		Day 57	2020-08-31 13:56 (29)	0.453		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-25 15:20 (-7)	146		110 - 155
		Day 29	2020-08-03 13:23 (33)	147		110 - 155
		Unscheduled	2020-08-10 13:45 (8)	148		110 - 155
		Day 57	2020-08-31 13:56 (29)	145	G1 Hemoglobin Decreased	110 - 155

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081129	Immature Granulocytes (10^9/L)	Screening	2020-06-25 15:20 (-7)	<0.03		0 - 0.07
		Day 29	2020-08-03 13:23 (33)	<0.03		0 - 0.07
		Unscheduled	2020-08-10 13:45 (8)	<0.03		0 - 0.07
		Day 57	2020-08-31 13:56 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-25 15:20 (-7)	0.3		0 - 1
		Day 29	2020-08-03 13:23 (33)	0.2		0 - 1
		Unscheduled	2020-08-10 13:45 (8)	0.3		0 - 1
		Day 57	2020-08-31 13:56 (29)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-25 15:20 (-7)	6.88		3.7 - 11
		Day 29	2020-08-03 13:23 (33)	5.08		3.7 - 11
		Unscheduled	2020-08-10 13:45 (8)	6.59		3.7 - 11
		Day 57	2020-08-31 13:56 (29)	7.34		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081129	Lymphocytes (10^9/L)	Screening	2020-06-25 15:20 (-7)	2.26		0.9 - 3.6
		Day 29	2020-08-03 13:23 (33)	1.83		0.9 - 3.6
		Unscheduled	2020-08-10 13:45 (8)	2.42		0.9 - 3.6
		Day 57	2020-08-31 13:56 (29)	2.43		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-25 15:20 (-7)	32.8		12 - 46
		Day 29	2020-08-03 13:23 (33)	36.0		12 - 46
		Unscheduled	2020-08-10 13:45 (8)	36.7		12 - 46
		Day 57	2020-08-31 13:56 (29)	33.1		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-25 15:20 (-7)	0.54		0 - 1.2
		Day 29	2020-08-03 13:23 (33)	0.45		0 - 1.2
		Unscheduled	2020-08-10 13:45 (8)	0.54		0 - 1.2
		Day 57	2020-08-31 13:56 (29)	0.49		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081129	Monocytes/Leukocytes (%)	Screening	2020-06-25 15:20 (-7)	7.8		0 - 11
		Day 29	2020-08-03 13:23 (33)	8.9		0 - 11
		Unscheduled	2020-08-10 13:45 (8)	8.2		0 - 11
		Day 57	2020-08-31 13:56 (29)	6.7		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-25 15:20 (-7)	3.96		1.7 - 7.9
		Day 29	2020-08-03 13:23 (33)	2.73		1.7 - 7.9
		Unscheduled	2020-08-10 13:45 (8)	3.51		1.7 - 7.9
		Day 57	2020-08-31 13:56 (29)	4.32		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-25 15:20 (-7)	57.7		34 - 71
		Day 29	2020-08-03 13:23 (33)	53.7		34 - 71
		Unscheduled	2020-08-10 13:45 (8)	53.2		34 - 71
		Day 57	2020-08-31 13:56 (29)	58.8		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.1
Hematology Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081129	Platelets (10^9/L)	Screening	2020-06-25 15:20 (-7)	248		163 - 375
		Day 29	2020-08-03 13:23 (33)	207		163 - 375
		Unscheduled	2020-08-10 13:45 (8)	227		163 - 375
		Day 57	2020-08-31 13:56 (29)	221		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020801.sas 19NOV2020 01:46 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011030	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-27 10:18 (-6)	31.7		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-27 10:18 (-6)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-27 10:18 (-6)	10.9		9.4 - 12.5
US2011042	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-27 13:19 (-12)	31.9		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-27 13:19 (-12)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-27 13:19 (-12)	11.4		9.4 - 12.5
US2011043	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-27 14:55 (-5)	31.1		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-27 14:55 (-5)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-27 14:55 (-5)	10.9		9.4 - 12.5
US2011056	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-28 08:27 (-5)	31.1		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-28 08:27 (-5)	1.0		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011056	Prothrombin Time (sec)	Screening	2020-05-28 08:27 (-5)	11.2		9.4 - 12.5
US2011057	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-28 08:50 (-5)	27.2		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-28 08:50 (-5)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-28 08:50 (-5)	10.1		9.4 - 12.5
US2011060	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-28 10:19 (-5)	30.1		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-28 10:19 (-5)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-28 10:19 (-5)	11.1		9.4 - 12.5
US2011064	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-28 12:03 (-5)	32.9		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-28 12:03 (-5)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-28 12:03 (-5)	12.0		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011067	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-28 13:36 (-6)	35.5		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-28 13:36 (-6)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-28 13:36 (-6)	10.8		9.4 - 12.5
US2011068	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-28 13:16 (-5)	29.7		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-28 13:16 (-5)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-28 13:16 (-5)	10.3		9.4 - 12.5
US2011069	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-28 14:31 (-5)	33.3		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-28 14:31 (-5)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-28 14:31 (-5)	11.5		9.4 - 12.5
US2011070	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-28 14:20 (-8)	26.8		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-28 14:20 (-8)	0.9		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011070	Prothrombin Time (sec)	Screening	2020-05-28 14:20 (-8)	10.5		9.4 - 12.5
US2011086	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-29 17:09 (-4)	34.5		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-29 17:09 (-4)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-29 17:09 (-4)	11.8		9.4 - 12.5
US2011088	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-01 09:35 (-3)	33.1		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-01 09:35 (-3)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-01 09:35 (-3)	11.3		9.4 - 12.5
US2021061	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-27 15:15 (-6)	33.8		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-27 15:15 (-6)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-27 15:15 (-6)	12.0		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021062	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-27 15:10 (-8)	32.9		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-27 15:10 (-8)	1.1		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-27 15:10 (-8)	12.2		9.4 - 12.5
US2021073	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-28 09:50 (-5)	30.1		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-28 09:50 (-5)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-28 09:50 (-5)	10.5		9.4 - 12.5
US2021078	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-28 10:30 (-6)	36.4		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-28 10:30 (-6)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-28 10:30 (-6)	11.1		9.4 - 12.5
US2021082	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-28 12:39 (-6)	28.4		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-28 12:39 (-6)	1.0		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021082	Prothrombin Time (sec)	Screening	2020-05-28 12:39 (-6)	11.7		9.4 - 12.5
US2021089	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-28 12:56 (-11)	40.1 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
		Unscheduled	2020-06-04 13:34 (-4)	33.3		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-28 12:56 (-11)	1.1		0.9 - 1.1
		Unscheduled	2020-06-04 13:34 (-4)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-28 12:56 (-11)	12.2		9.4 - 12.5
		Unscheduled	2020-06-04 13:34 (-4)	11.8		9.4 - 12.5
US2021094	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-28 14:11 (-8)	39.8 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
		Unscheduled	2020-06-02 13:44 (-3)	33.7		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021094	Prothrombin Intl. Normalized Ratio	Screening	2020-05-28 14:11 (-8)	1.0		0.9 - 1.1
		Unscheduled	2020-06-02 13:44 (-3)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-28 14:11 (-8)	12.0		9.4 - 12.5
		Unscheduled	2020-06-02 13:44 (-3)	11.7		9.4 - 12.5
US2021096	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-28 15:02 (-6)	33.9		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-28 15:02 (-6)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-28 15:02 (-6)	11.7		9.4 - 12.5
US2021107	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-28 18:15 (-6)	32.4		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-28 18:15 (-6)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-28 18:15 (-6)	10.8		9.4 - 12.5
US2021111	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-29 09:32 (-10)	32.6		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021111	Prothrombin Intl. Normalized Ratio	Screening	2020-05-29 09:32 (-10)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-29 09:32 (-10)	10.2		9.4 - 12.5
US2021135	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-01 15:44 (-4)	33.3		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-01 15:44 (-4)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-01 15:44 (-4)	11.9		9.4 - 12.5
US2021137	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-01 16:14 (-7)	43.3 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
		Unscheduled	2020-06-03 14:44 (-5)	34.2		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-01 16:14 (-7)	1.1		0.9 - 1.1
		Unscheduled	2020-06-03 14:44 (-5)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-01 16:14 (-7)	12.7 (H)	G1 Prothrombin Time Increased	9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021137	Prothrombin Time (sec)	Unscheduled	2020-06-03 14:44 (-5)	12.1		9.4 - 12.5
US2021138	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-01 17:09 (-3)	30.0		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-01 17:09 (-3)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-01 17:09 (-3)	11.4		9.4 - 12.5
US2021144	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-02 16:55 (-3)	34.3		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-02 16:55 (-3)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-02 16:55 (-3)	11.5		9.4 - 12.5
US2021155	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-03 10:55 (-5)	34.8		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-03 10:55 (-5)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-03 10:55 (-5)	10.5		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021161	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-03 13:16 (-5)	37.9 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
		Unscheduled	2020-06-05 16:25 (-3)	34.3		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-03 13:16 (-5)	1.0		0.9 - 1.1
		Unscheduled	2020-06-05 16:25 (-3)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-03 13:16 (-5)	11.4		9.4 - 12.5
		Unscheduled	2020-06-05 16:25 (-3)	11.8		9.4 - 12.5
US2021162	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-03 13:10 (-5)	34.0		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-03 13:10 (-5)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-03 13:10 (-5)	12.0		9.4 - 12.5
US2021175	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-04 16:40 (-4)	35.8		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021175	Prothrombin Intl. Normalized Ratio	Screening	2020-06-04 16:40 (-4)	1.1		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-04 16:40 (-4)	12.2		9.4 - 12.5
US2031001	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-26 08:17 (-3)	34.0		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-26 08:17 (-3)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-26 08:17 (-3)	11.5		9.4 - 12.5
US2031009	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-26 10:44 (-6)	29.6		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-26 10:44 (-6)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-26 10:44 (-6)	11.7		9.4 - 12.5
US2031014	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-26 11:37 (-3)	31.0		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-26 11:37 (-3)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-26 11:37 (-3)	12.1		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031022	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-26 15:23 (-3)	34.6		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-26 15:23 (-3)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-26 15:23 (-3)	11.8		9.4 - 12.5
US2031023	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-26 16:04 (-3)	31.0		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-26 16:04 (-3)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-26 16:04 (-3)	11.5		9.4 - 12.5
US2031029	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-27 08:47 (-6)	34.4		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-27 08:47 (-6)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-27 08:47 (-6)	10.6		9.4 - 12.5
US2031038	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-27 11:06 (-7)	34.2		25.1 - 36.5
		Unscheduled	2020-06-01 07:30 (-2)	34.0		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031038	Prothrombin Intl. Normalized Ratio	Screening	2020-05-27 11:06 (-7)	1.1		0.9 - 1.1
		Unscheduled	2020-06-01 07:30 (-2)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-27 11:06 (-7)	12.6 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
		Unscheduled	2020-06-01 07:30 (-2)	11.3		9.4 - 12.5
US2031040	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-27 11:44 (-5)	32.0		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-27 11:44 (-5)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-27 11:44 (-5)	11.7		9.4 - 12.5
US2031041	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-27 12:05 (-6)	34.2		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-27 12:05 (-6)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-27 12:05 (-6)	11.1		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031043	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-27 13:20 (-8)	37.4 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
		Unscheduled	2020-06-01 16:08 (-3)	31.6		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-27 13:20 (-8)	1.0		0.9 - 1.1
		Unscheduled	2020-06-01 16:08 (-3)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-27 13:20 (-8)	11.8		9.4 - 12.5
		Unscheduled	2020-06-01 16:08 (-3)	10.9		9.4 - 12.5
US2031045	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-27 15:28 (-6)	32.4		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-27 15:28 (-6)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-27 15:28 (-6)	10.6		9.4 - 12.5
US2031048	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-28 08:09 (-4)	35.3		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031048	Prothrombin Intl. Normalized Ratio	Screening	2020-05-28 08:09 (-4)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-28 08:09 (-4)	11.9		9.4 - 12.5
US2031049	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-28 08:39 (-4)	35.1		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-28 08:39 (-4)	1.1		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-28 08:39 (-4)	12.4		9.4 - 12.5
US2031058	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-28 16:35 (-4)	31.2		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-28 16:35 (-4)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-28 16:35 (-4)	11.1		9.4 - 12.5
US2031071	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-29 11:58 (-6)	37.3 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
		Unscheduled	2020-06-01 14:34 (-3)	33.2		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031071	Prothrombin Intl. Normalized Ratio	Screening	2020-05-29 11:58 (-6)	1.0		0.9 - 1.1
		Unscheduled	2020-06-01 14:34 (-3)	1.1		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-29 11:58 (-6)	12.0		9.4 - 12.5
		Unscheduled	2020-06-01 14:34 (-3)	12.3		9.4 - 12.5
US2031074	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-29 14:09 (-4)	29.1		25.1 - 36.5
		Unscheduled	2020-06-15 15:23 (14)	28.1		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-29 14:09 (-4)	1.1		0.9 - 1.1
		Unscheduled	2020-06-15 15:23 (14)	1.1		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-29 14:09 (-4)	12.4		9.4 - 12.5
		Unscheduled	2020-06-15 15:23 (14)	12.2		9.4 - 12.5
US2031081	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-02 13:32 (-2)	31.0		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031081	Prothrombin Intl. Normalized Ratio	Screening	2020-06-02 13:32 (-2)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-02 13:32 (-2)	11.4		9.4 - 12.5
US2041005	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-26 09:44 (-3)	32.8		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-26 09:44 (-3)	1.1		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-26 09:44 (-3)	12.5		9.4 - 12.5
US2041011	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-26 11:23 (-6)	30.8		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-26 11:23 (-6)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-26 11:23 (-6)	11.6		9.4 - 12.5
US2041014	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-26 13:54 (-3)	30.0		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-26 13:54 (-3)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-26 13:54 (-3)	11.5		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041019	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-26 15:00 (-7)	32.4		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-26 15:00 (-7)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-26 15:00 (-7)	12.0		9.4 - 12.5
US2041020	Activated Partial Thromboplastin Time (sec)	Unscheduled	2020-06-01 (-2)	35.0		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Unscheduled	2020-06-01 (-2)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Unscheduled	2020-06-01 (-2)	10.1		9.4 - 12.5
US2041022	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-27 08:05 (-9)	31.9		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-27 08:05 (-9)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-27 08:05 (-9)	10.7		9.4 - 12.5
US2041025	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-27 09:00 (-6)	29.7		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-27 09:00 (-6)	0.9		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041025	Prothrombin Time (sec)	Screening	2020-05-27 09:00 (-6)	10.7		9.4 - 12.5
US2041029	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-27 11:14 (-5)	34.9		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-27 11:14 (-5)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-27 11:14 (-5)	12.1		9.4 - 12.5
US2041034	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-27 13:52 (-5)	28.9		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-27 13:52 (-5)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-27 13:52 (-5)	12.0		9.4 - 12.5
US2041042	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-27 16:22 (-5)	29.9		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-27 16:22 (-5)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-27 16:22 (-5)	11.4		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041043	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-28 07:36 (-6)	29.8		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-28 07:36 (-6)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-28 07:36 (-6)	10.7		9.4 - 12.5
US2041056	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-28 13:35 (-5)	26.0		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-28 13:35 (-5)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-28 13:35 (-5)	10.9		9.4 - 12.5
US2041059	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-28 15:02 (-5)	27.6		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-28 15:02 (-5)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-28 15:02 (-5)	10.8		9.4 - 12.5
US2041062	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-28 15:55 (-5)	31.7		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-28 15:55 (-5)	1.0		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041062	Prothrombin Time (sec)	Screening	2020-05-28 15:55 (-5)	11.5		9.4 - 12.5
US2041078	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-29 11:34 (-5)	29.3		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-29 11:34 (-5)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-29 11:34 (-5)	12.0		9.4 - 12.5
US2041086	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-05 08:38 (-3)	25.8		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-05 08:38 (-3)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-05 08:38 (-3)	10.6		9.4 - 12.5
US2041089	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-05 10:18 (-3)	32.3		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-05 10:18 (-3)	1.1		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-05 10:18 (-3)	12.2		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041090	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-05 10:48 (-3)	32.9		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-05 10:48 (-3)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-05 10:48 (-3)	11.7		9.4 - 12.5
US2051022	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-28 08:51 (-6)	30.3		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-28 08:51 (-6)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-28 08:51 (-6)	10.7		9.4 - 12.5
US2051035	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-28 15:20 (-7)	31.9		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-28 15:20 (-7)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-28 15:20 (-7)	10.7		9.4 - 12.5
US2051036	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-28 15:43 (-5)	29.8		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-28 15:43 (-5)	0.9		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051036	Prothrombin Time (sec)	Screening	2020-05-28 15:43 (-5)	10.6		9.4 - 12.5
US2051044	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-03 12:37 (-2)	32.0		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-03 12:37 (-2)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-03 12:37 (-2)	11.5		9.4 - 12.5
US2061003	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-28 10:42 (-7)	30.9		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-28 10:42 (-7)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-28 10:42 (-7)	11.5		9.4 - 12.5
US2061015	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-29 09:02 (-5)	35.8		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-29 09:02 (-5)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-29 09:02 (-5)	11.6		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061018	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-29 09:55 (-7)	33.6		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-29 09:55 (-7)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-29 09:55 (-7)	11.1		9.4 - 12.5
US2061021	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-29 11:22 (-6)	39.5 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
		Unscheduled	2020-06-01 14:50 (-3)	33.6		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-29 11:22 (-6)	1.0		0.9 - 1.1
		Unscheduled	2020-06-01 14:50 (-3)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-29 11:22 (-6)	11.7		9.4 - 12.5
		Unscheduled	2020-06-01 14:50 (-3)	11.3		9.4 - 12.5
US2061022	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-29 14:20 (-5)	34.3		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061022	Prothrombin Intl. Normalized Ratio	Screening	2020-05-29 14:20 (-5)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-29 14:20 (-5)	10.3		9.4 - 12.5
US2061024	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-29 14:31 (-5)	35.8		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-29 14:31 (-5)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-29 14:31 (-5)	11.5		9.4 - 12.5
US2061032	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-03 16:11 (-2)	36.5		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-03 16:11 (-2)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-03 16:11 (-2)	11.6		9.4 - 12.5
US2071012	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-25 15:02 (-9)	33.3		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-25 15:02 (-9)	1.1		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-25 15:02 (-9)	12.3		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071014	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-25 16:31 (-9)	34.6		24.6 - 38.4
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-25 16:31 (-9)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-25 16:31 (-9)	11.7		10 - 14.1
US2071017	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-25 17:29 (-8)	27.5		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-25 17:29 (-8)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-25 17:29 (-8)	12.0		9.4 - 12.5
US2071022	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-26 09:43 (-8)	36.5		25.1 - 36.5
		Day 57	2020-08-06 (65)	38.0 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-26 09:43 (-8)	1.0		0.9 - 1.1
		Day 57	2020-08-06 (65)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-26 09:43 (-8)	11.9		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071022	Prothrombin Time (sec)	Day 57	2020-08-06 (65)	11.8		9.4 - 12.5
US2071042	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-28 11:50 (-7)	28.9		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-28 11:50 (-7)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-28 11:50 (-7)	10.5		9.4 - 12.5
US2071044	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-28 14:23 (-11)	30.7		25.1 - 36.5
		Unscheduled	2020-06-03 (-5)	34.6		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-28 14:23 (-11)	0.9		0.9 - 1.1
		Unscheduled	2020-06-03 (-5)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-28 14:23 (-11)	11.0		9.4 - 12.5
		Unscheduled	2020-06-03 (-5)	12.0		9.4 - 12.5
US2071046	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-28 15:53 (-7)	31.6		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-28 15:53 (-7)	1.1		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-28 15:53 (-7)	12.5		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071049	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-29 09:37 (-6)	32.3		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-29 09:37 (-6)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-29 09:37 (-6)	10.7		9.4 - 12.5
US2071050	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-29 10:32 (-7)	41.2 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
		Unscheduled	2020-06-02 (-3)	34.9		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-29 10:32 (-7)	1.1		0.9 - 1.1
		Unscheduled	2020-06-02 (-3)	1.1		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-29 10:32 (-7)	12.3		9.4 - 12.5
		Unscheduled	2020-06-02 (-3)	12.3		9.4 - 12.5
US2071059	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-01 12:12 (-7)	37.4 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
		Unscheduled	2020-06-04 10:56 (-4)	35.8		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071059	Prothrombin Intl. Normalized Ratio	Screening	2020-06-01 12:12 (-7)	1.0		0.9 - 1.1
		Unscheduled	2020-06-04 10:56 (-4)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-01 12:12 (-7)	12.1		9.4 - 12.5
		Unscheduled	2020-06-04 10:56 (-4)	11.0		9.4 - 12.5
US2071062	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-01 15:12 (-3)	33.1		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-01 15:12 (-3)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-01 15:12 (-3)	11.4		9.4 - 12.5
US2071064	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-01 16:39 (-4)	33.8		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-01 16:39 (-4)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-01 16:39 (-4)	11.8		9.4 - 12.5
US2071066	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-01 17:48 (-8)	33.5		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071066	Prothrombin Intl. Normalized Ratio	Screening	2020-06-01 17:48 (-8)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-01 17:48 (-8)	11.9		9.4 - 12.5
US2071070	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-02 10:10 (-6)	31.0		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-02 10:10 (-6)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-02 10:10 (-6)	11.3		9.4 - 12.5
US2071072	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-02 13:41 (-3)	32.5		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-02 13:41 (-3)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-02 13:41 (-3)	11.1		9.4 - 12.5
US2081026	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-29 07:45 (-6)	29.5		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-29 07:45 (-6)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-29 07:45 (-6)	11.3		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081033	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-29 12:22 (-4)	32.4		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-29 12:22 (-4)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-29 12:22 (-4)	10.5		9.4 - 12.5
US2081038	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-01 07:46 (-7)	32.9		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-01 07:46 (-7)	1.1		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-01 07:46 (-7)	12.4		9.4 - 12.5
US2081042	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-01 12:27 (-9)	28.2		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-01 12:27 (-9)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-01 12:27 (-9)	10.5		9.4 - 12.5
US2081046	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-02 07:53 (-6)	67.7 (H)	G4 Activated Partial Thromboplastin Time Increased	25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081046	Prothrombin Intl. Normalized Ratio	Screening	2020-06-02 07:53 (-6)	1.1		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-02 07:53 (-6)	12.4		9.4 - 12.5
US2081049	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-02 10:49 (-7)	28.3		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-02 10:49 (-7)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-02 10:49 (-7)	11.3		9.4 - 12.5
US2081057	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-03 15:44 (-2)	32.4		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-03 15:44 (-2)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-03 15:44 (-2)	11.7		9.4 - 12.5
US2081058	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-04 09:07 (-4)	33.0		25.1 - 36.5
		Day 29	2020-07-06 (29)	31.4		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-04 09:07 (-4)	0.9		0.9 - 1.1
		Day 29	2020-07-06 (29)	1.0		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081058	Prothrombin Time (sec)	Screening	2020-06-04 09:07 (-4)	10.4		9.4 - 12.5
		Day 29	2020-07-06 (29)	11.1		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011020	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-26 18:00 (-6)	28.0		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-26 18:00 (-6)	1.1		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-26 18:00 (-6)	12.3		9.4 - 12.5
US2011029	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-27 11:05 (-5)	31.2		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-27 11:05 (-5)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-27 11:05 (-5)	10.5		9.4 - 12.5
US2011048	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-27 16:13 (-5)	30.2		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-27 16:13 (-5)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-27 16:13 (-5)	10.3		9.4 - 12.5
US2011051	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-27 17:05 (-6)	32.3		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-27 17:05 (-6)	1.1		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011051	Prothrombin Time (sec)	Screening	2020-05-27 17:05 (-6)	12.3		9.4 - 12.5
US2011055	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-28 08:34 (-5)	30.0		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-28 08:34 (-5)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-28 08:34 (-5)	10.2		9.4 - 12.5
US2011061	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-28 10:32 (-6)	30.6		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-28 10:32 (-6)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-28 10:32 (-6)	11.6		9.4 - 12.5
US2011084	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-29 14:01 (-4)	32.5		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-29 14:01 (-4)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-29 14:01 (-4)	11.5		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011087	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-29 17:53 (-5)	31.5		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-29 17:53 (-5)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-29 17:53 (-5)	11.9		9.4 - 12.5
US2011090	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-01 11:41 (-3)	32.9		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-01 11:41 (-3)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-01 11:41 (-3)	11.5		9.4 - 12.5
US2011091	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-01 11:56 (-3)	31.0		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-01 11:56 (-3)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-01 11:56 (-3)	10.2		9.4 - 12.5
US2011092	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-02 15:03 (-3)	33.4		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-02 15:03 (-3)	0.9		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011092	Prothrombin Time (sec)	Screening	2020-06-02 15:03 (-3)	10.4		9.4 - 12.5
US2011093	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-02 17:06 (-6)	26.7		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-02 17:06 (-6)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-02 17:06 (-6)	11.2		9.4 - 12.5
US2011095	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-03 13:00 (-2)	31.5		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-03 13:00 (-2)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-03 13:00 (-2)	11.3		9.4 - 12.5
US2011102	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-05 14:03 (-3)	33.8		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-05 14:03 (-3)	1.1		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-05 14:03 (-3)	12.3		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021058	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-27 13:51 (-9)	35.1		25.1 - 36.5
		Unscheduled	2020-06-01 11:43 (-4)	33.6		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-27 13:51 (-9)	1.1		0.9 - 1.1
		Unscheduled	2020-06-01 11:43 (-4)	1.1		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-27 13:51 (-9)	13.0 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
		Unscheduled	2020-06-01 11:43 (-4)	12.3		9.4 - 12.5
US2021064	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-27 15:22 (-12)	36.9 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
		Unscheduled	2020-06-02 08:12 (-6)	25.7		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-27 15:22 (-12)	1.0		0.9 - 1.1
		Unscheduled	2020-06-02 08:12 (-6)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-27 15:22 (-12)	11.1		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021064	Prothrombin Time (sec)	Unscheduled	2020-06-02 08:12 (-6)	10.1		9.4 - 12.5
US2021084	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-28 11:25 (-8)	33.3		25.1 - 36.5
		Unscheduled	2020-06-02 13:58 (-3)	29.2		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-28 11:25 (-8)	1.1		0.9 - 1.1
		Unscheduled	2020-06-02 13:58 (-3)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-28 11:25 (-8)	12.6 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
		Unscheduled	2020-06-02 13:58 (-3)	12.0		9.4 - 12.5
US2021090	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-28 13:00 (-5)	29.5		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-28 13:00 (-5)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-28 13:00 (-5)	11.5		9.4 - 12.5
US2021147	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-02 18:24 (-3)	35.2		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021147	Prothrombin Intl. Normalized Ratio	Screening	2020-06-02 18:24 (-3)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-02 18:24 (-3)	11.0		9.4 - 12.5
US2021166	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-03 17:28 (-2)	34.9		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-03 17:28 (-2)	1.1		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-03 17:28 (-2)	12.5		9.4 - 12.5
US2021167	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-03 17:02 (-5)	34.2		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-03 17:02 (-5)	1.1		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-03 17:02 (-5)	12.4		9.4 - 12.5
US2021179	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-05 10:49 (-3)	28.9		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-05 10:49 (-3)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-05 10:49 (-3)	10.1		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031002	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-26 08:34 (-3)	32.0		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-26 08:34 (-3)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-26 08:34 (-3)	11.2		9.4 - 12.5
US2031004	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-26 09:25 (-3)	28.7		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-26 09:25 (-3)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-26 09:25 (-3)	10.8		9.4 - 12.5
US2031011	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-26 11:08 (-3)	30.7		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-26 11:08 (-3)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-26 11:08 (-3)	10.7		9.4 - 12.5
US2031016	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-26 12:01 (-9)	38.7 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031016	Activated Partial Thromboplastin Time (sec)	Unscheduled	2020-06-01 15:47 (-3)	34.7		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-26 12:01 (-9)	1.0		0.9 - 1.1
		Unscheduled	2020-06-01 15:47 (-3)	1.1		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-26 12:01 (-9)	11.9		9.4 - 12.5
		Unscheduled	2020-06-01 15:47 (-3)	12.4		9.4 - 12.5
US2031030	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-27 09:12 (-7)	36.8 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
		Unscheduled	2020-06-01 10:25 (-2)	35.8		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-27 09:12 (-7)	1.1		0.9 - 1.1
		Unscheduled	2020-06-01 10:25 (-2)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-27 09:12 (-7)	12.3		9.4 - 12.5
		Unscheduled	2020-06-01 10:25 (-2)	12.1		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031042	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-27 15:16 (-8)	32.2		25.1 - 36.5
		Unscheduled	2020-06-01 12:32 (-3)	30.8		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-27 15:16 (-8)	1.1		0.9 - 1.1
		Unscheduled	2020-06-01 12:32 (-3)	1.1		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-27 15:16 (-8)	12.8 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
		Unscheduled	2020-06-01 12:32 (-3)	12.4		9.4 - 12.5
US2031051	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-28 10:44 (-4)	30.9		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-28 10:44 (-4)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-28 10:44 (-4)	10.9		9.4 - 12.5
US2031056	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-28 15:15 (-4)	30.4		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-28 15:15 (-4)	1.0		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031056	Prothrombin Time (sec)	Screening	2020-05-28 15:15 (-4)	11.3		9.4 - 12.5
US2031057	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-28 15:24 (-6)	34.3		25.1 - 36.5
		Unscheduled	2020-06-01 14:57 (-2)	31.0		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-28 15:24 (-6)	1.2 (H)		0.9 - 1.1
		Unscheduled	2020-06-01 14:57 (-2)	1.1		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-28 15:24 (-6)	13.9 (H)	G2 Prothrombin Time Increased	9.4 - 12.5
		Unscheduled	2020-06-01 14:57 (-2)	12.3		9.4 - 12.5
US2031063	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-28 17:50 (-5)	36.3		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-28 17:50 (-5)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-28 17:50 (-5)	12.0		9.4 - 12.5
US2031066	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-29 09:26 (-4)	36.0		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031066	Prothrombin Intl. Normalized Ratio	Screening	2020-05-29 09:26 (-4)	1.1		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-29 09:26 (-4)	12.2		9.4 - 12.5
US2031072	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-29 14:14 (-5)	39.8 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
		Unscheduled	2020-06-01 11:29 (-2)	34.2		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-29 14:14 (-5)	1.1		0.9 - 1.1
		Unscheduled	2020-06-01 11:29 (-2)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-29 14:14 (-5)	13.1 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
		Unscheduled	2020-06-01 11:29 (-2)	11.9		9.4 - 12.5
US2031080	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-02 12:20 (-2)	28.3		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-02 12:20 (-2)	1.0		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031080	Prothrombin Time (sec)	Screening	2020-06-02 12:20 (-2)	11.4		9.4 - 12.5
US2041002	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-26 09:03 (-7)	32.3		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-26 09:03 (-7)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-26 09:03 (-7)	10.8		9.4 - 12.5
US2041003	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-26 08:50 (-7)	31.4		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-26 08:50 (-7)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-26 08:50 (-7)	11.4		9.4 - 12.5
US2041006	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-26 09:59 (-7)	37.0 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
		Unscheduled	2020-05-29 (-4)	29.9		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-26 09:59 (-7)	1.0		0.9 - 1.1
		Unscheduled	2020-05-29 (-4)	1.0		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041006	Prothrombin Time (sec)	Screening	2020-05-26 09:59 (-7)	11.3		9.4 - 12.5
		Unscheduled	2020-05-29 (-4)	11.2		9.4 - 12.5
US2041007	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-26 10:06 (-6)	32.3		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-26 10:06 (-6)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-26 10:06 (-6)	12.1		9.4 - 12.5
US2041012	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-26 11:59 (-7)	30.7		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-26 11:59 (-7)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-26 11:59 (-7)	11.8		9.4 - 12.5
US2041013	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-26 13:36 (-3)	31.0		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-26 13:36 (-3)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-26 13:36 (-3)	11.5		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041016	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-26 14:20 (-7)	30.6		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-26 14:20 (-7)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-26 14:20 (-7)	11.0		9.4 - 12.5
US2041023	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-27 08:16 (-5)	30.1		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-27 08:16 (-5)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-27 08:16 (-5)	11.0		9.4 - 12.5
US2041027	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-27 10:07 (-5)	29.6		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-27 10:07 (-5)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-27 10:07 (-5)	11.0		9.4 - 12.5
US2041030	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-27 12:10 (-5)	32.7		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-27 12:10 (-5)	0.9		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041030	Prothrombin Time (sec)	Screening	2020-05-27 12:10 (-5)	10.7		9.4 - 12.5
US2041036	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-27 14:00 (-6)	32.2		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-27 14:00 (-6)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-27 14:00 (-6)	11.5		9.4 - 12.5
US2041047	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-28 08:48 (-5)	31.6		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-28 08:48 (-5)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-28 08:48 (-5)	12.0		9.4 - 12.5
US2041049	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-28 10:09 (-7)	30.1		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-28 10:09 (-7)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-28 10:09 (-7)	11.7		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041051	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-28 09:52 (-5)	23.9 (L)		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-28 09:52 (-5)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-28 09:52 (-5)	11.3		9.4 - 12.5
US2041053	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-28 11:17 (-5)	28.0		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-28 11:17 (-5)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-28 11:17 (-5)	11.3		9.4 - 12.5
US2041055	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-28 11:55 (-6)	24.9 (L)		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-28 11:55 (-6)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-28 11:55 (-6)	11.5		9.4 - 12.5
US2041058	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-28 14:42 (-6)	35.5		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-28 14:42 (-6)	1.0		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041058	Prothrombin Time (sec)	Screening	2020-05-28 14:42 (-6)	11.5		9.4 - 12.5
US2041064	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-28 16:53 (-11)	34.0		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-28 16:53 (-11)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-28 16:53 (-11)	11.5		9.4 - 12.5
US2041071	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-29 08:23 (-4)	27.0		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-29 08:23 (-4)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-29 08:23 (-4)	10.2		9.4 - 12.5
US2041075	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-29 10:59 (-4)	30.2		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-29 10:59 (-4)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-29 10:59 (-4)	10.9		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041076	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-29 11:14 (-4)	31.6		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-29 11:14 (-4)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-29 11:14 (-4)	11.6		9.4 - 12.5
US2041077	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-29 11:45 (-5)	28.4		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-29 11:45 (-5)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-29 11:45 (-5)	11.7		9.4 - 12.5
US2041088	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-05 09:49 (-3)	33.7		24.6 - 38.4
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-05 09:49 (-3)	1.1		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-05 09:49 (-3)	12.7		10 - 14.1
US2041091	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-05 10:40 (-5)	36.6 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041091	Activated Partial Thromboplastin Time (sec)	Unscheduled	2020-06-08 14:26 (-2)	29.8		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-05 10:40 (-5)	1.0		0.9 - 1.1
		Unscheduled	2020-06-08 14:26 (-2)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-05 10:40 (-5)	11.1		9.4 - 12.5
		Unscheduled	2020-06-08 14:26 (-2)	11.6		9.4 - 12.5
US2041092	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-05 11:14 (-3)	29.4		25.1 - 36.5
		Day 57	2020-08-10 (64)	31.0		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-05 11:14 (-3)	0.9		0.9 - 1.1
		Day 57	2020-08-10 (64)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-05 11:14 (-3)	10.7		9.4 - 12.5
		Day 57	2020-08-10 (64)	11.6		9.4 - 12.5
US2051008	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-26 14:35 (-3)	30.1		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-26 14:35 (-3)	0.9		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051008	Prothrombin Time (sec)	Screening	2020-05-26 14:35 (-3)	10.7		9.4 - 12.5
US2051009	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-27 09:16 (-6)	33.3		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-27 09:16 (-6)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-27 09:16 (-6)	11.4		9.4 - 12.5
US2051010	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-27 10:36 (-6)	29.9		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-27 10:36 (-6)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-27 10:36 (-6)	11.1		9.4 - 12.5
US2051011	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-27 11:01 (-7)	29.4		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-27 11:01 (-7)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-27 11:01 (-7)	10.9		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051018	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-27 15:13 (-12)	39.1 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
		Unscheduled	2020-06-02 14:05 (-6)	31.1		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-27 15:13 (-12)	1.1		0.9 - 1.1
		Unscheduled	2020-06-02 14:05 (-6)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-27 15:13 (-12)	12.2		9.4 - 12.5
		Unscheduled	2020-06-02 14:05 (-6)	12.1		9.4 - 12.5
US2051027	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-28 11:12 (-11)	30.2		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-28 11:12 (-11)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-28 11:12 (-11)	10.7		9.4 - 12.5
US2051031	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-28 13:00 (-5)	34.0		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051031	Prothrombin Intl. Normalized Ratio	Screening	2020-05-28 13:00 (-5)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-28 13:00 (-5)	11.1		9.4 - 12.5
US2051032	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-28 14:01 (-5)	34.9		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-28 14:01 (-5)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-28 14:01 (-5)	11.7		9.4 - 12.5
US2051033	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-28 14:13 (-7)	30.2		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-28 14:13 (-7)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-28 14:13 (-7)	11.7		9.4 - 12.5
US2051034	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-28 14:20 (-6)	29.7		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-28 14:20 (-6)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-28 14:20 (-6)	11.2		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051038	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-29 08:50 (-5)	26.3		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-29 08:50 (-5)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-29 08:50 (-5)	11.1		9.4 - 12.5
US2051040	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-29 12:45 (-7)	36.8 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
		Unscheduled	2020-06-03 14:41 (-2)	35.6		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-29 12:45 (-7)	1.1		0.9 - 1.1
		Unscheduled	2020-06-03 14:41 (-2)	1.1		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-29 12:45 (-7)	12.2		9.4 - 12.5
		Unscheduled	2020-06-03 14:41 (-2)	12.3		9.4 - 12.5
US2051042	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-29 13:39 (-4)	32.0		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051042	Prothrombin Intl. Normalized Ratio	Screening	2020-05-29 13:39 (-4)	1.1		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-29 13:39 (-4)	12.3		9.4 - 12.5
US2051043	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-29 13:57 (-5)	31.8		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-29 13:57 (-5)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-29 13:57 (-5)	11.7		9.4 - 12.5
US2051048	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-03 16:34 (-6)	29.6		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-03 16:34 (-6)	1.1		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-03 16:34 (-6)	12.5		9.4 - 12.5
US2051050	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-04 15:36 (-4)	30.7		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-04 15:36 (-4)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-04 15:36 (-4)	11.1		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061001	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-28 09:31 (-7)	32.4		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-28 09:31 (-7)	1.1		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-28 09:31 (-7)	12.2		9.4 - 12.5
US2061006	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-28 12:02 (-6)	31.4		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-28 12:02 (-6)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-28 12:02 (-6)	10.5		9.4 - 12.5
US2061009	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-28 15:15 (-6)	35.2		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-28 15:15 (-6)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-28 15:15 (-6)	11.5		9.4 - 12.5
US2061011	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-28 16:20 (-6)	35.6		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-28 16:20 (-6)	0.9		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061011	Prothrombin Time (sec)	Screening	2020-05-28 16:20 (-6)	10.5		9.4 - 12.5
US2061013	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-28 18:07 (-8)	36.0		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-28 18:07 (-8)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-28 18:07 (-8)	12.1		9.4 - 12.5
US2061019	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-29 09:52 (-5)	35.9		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-29 09:52 (-5)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-29 09:52 (-5)	12.0		9.4 - 12.5
US2061026	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-02 10:29 (-3)	31.4		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-02 10:29 (-3)	1.1		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-02 10:29 (-3)	12.2		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071001	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-22 13:35 (-7)	32.5		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-22 13:35 (-7)	1.1		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-22 13:35 (-7)	12.3		9.4 - 12.5
US2071003	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-22 13:37 (-10)	31.1		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-22 13:37 (-10)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-22 13:37 (-10)	10.9		9.4 - 12.5
US2071004	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-25 10:16 (-10)	32.0		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-25 10:16 (-10)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-25 10:16 (-10)	11.0		9.4 - 12.5
US2071029	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-26 16:55 (-10)	32.9		25.1 - 36.5
		Unscheduled	2020-06-01 (-4)	31.8		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071029	Prothrombin Intl. Normalized Ratio	Screening	2020-05-26 16:55 (-10)	1.1		0.9 - 1.1
		Unscheduled	2020-06-01 (-4)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-26 16:55 (-10)	12.8 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
		Unscheduled	2020-06-01 (-4)	11.8		9.4 - 12.5
US2071030	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-26 17:30 (-8)	33.1		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-26 17:30 (-8)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-26 17:30 (-8)	11.5		9.4 - 12.5
US2071032	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-27 09:10 (-12)	55.5 (H)	G4 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
		Unscheduled	2020-06-03 (-5)	32.0		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-27 09:10 (-12)	1.1		0.9 - 1.1
		Unscheduled	2020-06-03 (-5)	1.1		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-27 09:10 (-12)	12.4		9.4 - 12.5
		Unscheduled	2020-06-03 (-5)	12.4		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071033	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-27 09:30 (-12)	33.8		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-27 09:30 (-12)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-27 09:30 (-12)	11.7		9.4 - 12.5
US2071063	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-01 14:58 (-3)	34.8		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-01 14:58 (-3)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-01 14:58 (-3)	12.1		9.4 - 12.5
US2071067	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-01 18:05 (-4)	28.4		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-01 18:05 (-4)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-01 18:05 (-4)	11.1		9.4 - 12.5
US2071074	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-02 17:24 (-6)	36.0		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-02 17:24 (-6)	0.9		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071074	Prothrombin Time (sec)	Screening	2020-06-02 17:24 (-6)	10.9		9.4 - 12.5
US2071081	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-05 13:53 (-3)	37.0 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-05 13:53 (-3)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-05 13:53 (-3)	12.1		9.4 - 12.5
US2081036	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-29 15:30 (-6)	28.2		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-29 15:30 (-6)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-29 15:30 (-6)	11.8		9.4 - 12.5
US2081039	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-01 10:55 (-7)	32.4		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-01 10:55 (-7)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-01 10:55 (-7)	10.1		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081041	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-01 12:21 (-3)	31.3		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-01 12:21 (-3)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-01 12:21 (-3)	11.4		9.4 - 12.5
US2081052	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-02 15:15 (-3)	38.7 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-02 15:15 (-3)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-02 15:15 (-3)	11.4		9.4 - 12.5
US2081054	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-03 09:07 (-2)	33.4		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-03 09:07 (-2)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-03 09:07 (-2)	11.6		9.4 - 12.5
US2081059	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-04 10:42 (-4)	35.8		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081059	Activated Partial Thromboplastin Time (sec)	Unscheduled	2020-08-10 11:58 (29)	32.9		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-04 10:42 (-4)	1.0		0.9 - 1.1
		Unscheduled	2020-08-10 11:58 (29)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-04 10:42 (-4)	11.1		9.4 - 12.5
		Unscheduled	2020-08-10 11:58 (29)	11.3		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011018	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-26 17:48 (-6)	29.5		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-26 17:48 (-6)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-26 17:48 (-6)	10.9		9.4 - 12.5
US2011019	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-26 17:37 (-7)	34.9		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-26 17:37 (-7)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-26 17:37 (-7)	10.4		9.4 - 12.5
US2011039	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-27 13:12 (-5)	28.3		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-27 13:12 (-5)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-27 13:12 (-5)	10.5		9.4 - 12.5
US2011041	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-27 13:31 (-6)	28.4		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-27 13:31 (-6)	1.0		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011041	Prothrombin Time (sec)	Screening	2020-05-27 13:31 (-6)	11.1		9.4 - 12.5
US2011046	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-27 16:04 (-6)	29.6		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-27 16:04 (-6)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-27 16:04 (-6)	11.3		9.4 - 12.5
US2011050	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-27 16:20 (-5)	34.1		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-27 16:20 (-5)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-27 16:20 (-5)	11.4		9.4 - 12.5
US2011059	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-28 09:34 (-5)	29.1		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-28 09:34 (-5)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-28 09:34 (-5)	11.2		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011065	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-28 12:33 (-5)	33.4		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-28 12:33 (-5)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-28 12:33 (-5)	11.0		9.4 - 12.5
US2011080	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-29 12:18 (-5)	27.6		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-29 12:18 (-5)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-29 12:18 (-5)	11.5		9.4 - 12.5
US2011085	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-29 17:23 (-5)	34.5		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-29 17:23 (-5)	1.1		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-29 17:23 (-5)	12.3		9.4 - 12.5
US2011089	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-01 09:46 (-4)	33.5		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-01 09:46 (-4)	1.0		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011089	Prothrombin Time (sec)	Screening	2020-06-01 09:46 (-4)	12.1		9.4 - 12.5
US2011103	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-05 15:48 (-3)	32.8		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-05 15:48 (-3)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-05 15:48 (-3)	10.9		9.4 - 12.5
US2021059	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-27 14:26 (-6)	31.9		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-27 14:26 (-6)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-27 14:26 (-6)	12.1		9.4 - 12.5
US2021063	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-27 15:16 (-8)	32.5		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-27 15:16 (-8)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-27 15:16 (-8)	11.6		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021067	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-27 16:19 (-9)	33.5		25.1 - 36.5
		Unscheduled	2020-06-03 14:09 (-2)	32.4		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-27 16:19 (-9)	1.1		0.9 - 1.1
		Unscheduled	2020-06-03 14:09 (-2)	1.1		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-27 16:19 (-9)	13.0 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
		Unscheduled	2020-06-03 14:09 (-2)	12.4		9.4 - 12.5
US2021068	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-27 16:40 (-6)	36.5		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-27 16:40 (-6)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-27 16:40 (-6)	11.6		9.4 - 12.5
US2021074	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-28 09:14 (-5)	28.5		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-28 09:14 (-5)	1.0		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021074	Prothrombin Time (sec)	Screening	2020-05-28 09:14 (-5)	11.7		9.4 - 12.5
US2021080	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-28 10:41 (-8)	38.1 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
		Unscheduled	2020-06-02 13:47 (-3)	34.3		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-28 10:41 (-8)	1.1		0.9 - 1.1
		Unscheduled	2020-06-02 13:47 (-3)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-28 10:41 (-8)	12.3		9.4 - 12.5
		Unscheduled	2020-06-02 13:47 (-3)	11.5		9.4 - 12.5
US2021093	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-28 13:58 (-6)	30.8		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-28 13:58 (-6)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-28 13:58 (-6)	10.8		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021099	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-28 15:45 (-5)	33.8		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-28 15:45 (-5)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-28 15:45 (-5)	11.1		9.4 - 12.5
US2021101	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-28 15:56 (-11)	41.5 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
		Unscheduled	2020-06-04 13:15 (-4)	34.0		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-28 15:56 (-11)	1.1		0.9 - 1.1
		Unscheduled	2020-06-04 13:15 (-4)	1.1		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-28 15:56 (-11)	12.7 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
		Unscheduled	2020-06-04 13:15 (-4)	12.5		9.4 - 12.5
US2021121	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-29 13:00 (-5)	31.3		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021121	Prothrombin Intl. Normalized Ratio	Screening	2020-05-29 13:00 (-5)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-29 13:00 (-5)	11.9		9.4 - 12.5
US2021145	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-02 17:15 (-2)	31.1		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-02 17:15 (-2)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-02 17:15 (-2)	12.1		9.4 - 12.5
US2021151	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-03 08:42 (-5)	35.7		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-03 08:42 (-5)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-03 08:42 (-5)	11.8		9.4 - 12.5
US2021154	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-03 11:18 (-2)	35.3		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-03 11:18 (-2)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-03 11:18 (-2)	11.4		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021164	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-03 15:22 (-5)	29.7		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-03 15:22 (-5)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-03 15:22 (-5)	10.4		9.4 - 12.5
US2021180	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-05 15:36 (-3)	29.6		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-05 15:36 (-3)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-05 15:36 (-3)	10.4		9.4 - 12.5
US2021182	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-05 16:38 (-3)	31.8		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-05 16:38 (-3)	1.1		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-05 16:38 (-3)	12.3		9.4 - 12.5
US2031012	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-26 11:31 (-6)	28.9		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-26 11:31 (-6)	1.0		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031012	Prothrombin Time (sec)	Screening	2020-05-26 11:31 (-6)	11.4		9.4 - 12.5
US2031013	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-26 11:34 (-7)	29.8		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-26 11:34 (-7)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-26 11:34 (-7)	10.8		9.4 - 12.5
US2031019	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-26 14:26 (-3)	33.7		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-26 14:26 (-3)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-26 14:26 (-3)	11.5		9.4 - 12.5
US2031020	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-26 14:25 (-3)	33.9		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-26 14:25 (-3)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-26 14:25 (-3)	12.0		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031021	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-26 14:20 (-6)	32.9		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-26 14:20 (-6)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-26 14:20 (-6)	11.9		9.4 - 12.5
US2031026	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-27 08:19 (-2)	34.4		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-27 08:19 (-2)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-27 08:19 (-2)	11.4		9.4 - 12.5
US2031027	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-27 08:10 (-5)	34.2		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-27 08:10 (-5)	1.1		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-27 08:10 (-5)	12.4		9.4 - 12.5
US2031033	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-27 10:25 (-7)	43.2 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031033	Activated Partial Thromboplastin Time (sec)	Unscheduled	2020-06-01 15:33 (-2)	34.7		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-27 10:25 (-7)	1.1		0.9 - 1.1
		Unscheduled	2020-06-01 15:33 (-2)	1.1		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-27 10:25 (-7)	12.9 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
		Unscheduled	2020-06-01 15:33 (-2)	12.3		9.4 - 12.5
US2031035	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-27 10:12 (-5)	34.5		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-27 10:12 (-5)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-27 10:12 (-5)	11.8		9.4 - 12.5
US2031037	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-27 10:42 (-6)	37.1 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
		Unscheduled	2020-05-29 14:30 (-4)	32.3		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031037	Prothrombin Intl. Normalized Ratio	Screening	2020-05-27 10:42 (-6)	1.0		0.9 - 1.1
		Unscheduled	2020-05-29 14:30 (-4)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-27 10:42 (-6)	11.7		9.4 - 12.5
		Unscheduled	2020-05-29 14:30 (-4)	11.4		9.4 - 12.5
US2031047	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-27 16:27 (-5)	34.1		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-27 16:27 (-5)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-27 16:27 (-5)	11.5		9.4 - 12.5
US2031050	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-28 09:16 (-6)	30.2		25.1 - 36.5
		Unscheduled	2020-06-01 14:15 (-2)	30.7		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-28 09:16 (-6)	1.0		0.9 - 1.1
		Unscheduled	2020-06-01 14:15 (-2)	0.9		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031050	Prothrombin Time (sec)	Screening	2020-05-28 09:16 (-6)	11.3		9.4 - 12.5
		Unscheduled	2020-06-01 14:15 (-2)	10.7		9.4 - 12.5
US2031060	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-28 16:50 (-7)	33.8		25.1 - 36.5
		Unscheduled	2020-06-02 08:05 (-2)	29.2		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-28 16:50 (-7)	1.1		0.9 - 1.1
		Unscheduled	2020-06-02 08:05 (-2)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-28 16:50 (-7)	13.2 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
		Unscheduled	2020-06-02 08:05 (-2)	11.6		9.4 - 12.5
US2031062	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-28 17:28 (-7)	39.4 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
		Unscheduled	2020-06-01 15:53 (-3)	31.1		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031062	Prothrombin Intl. Normalized Ratio	Screening	2020-05-28 17:28 (-7)	0.9		0.9 - 1.1
		Unscheduled	2020-06-01 15:53 (-3)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-28 17:28 (-7)	10.6		9.4 - 12.5
		Unscheduled	2020-06-01 15:53 (-3)	9.9		9.4 - 12.5
US2031073	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-29 13:55 (-4)	28.0		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-29 13:55 (-4)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-29 13:55 (-4)	11.4		9.4 - 12.5
US2031079	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-02 11:35 (-2)	31.9		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-02 11:35 (-2)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-02 11:35 (-2)	11.3		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031084	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-05 08:28 (-5)	40.8 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
		Unscheduled	2020-06-08 11:03 (-2)	35.2		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-05 08:28 (-5)	1.0		0.9 - 1.1
		Unscheduled	2020-06-08 11:03 (-2)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-05 08:28 (-5)	11.2		9.4 - 12.5
		Unscheduled	2020-06-08 11:03 (-2)	10.3		9.4 - 12.5
US2041008	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-26 10:24 (-6)	28.3		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-26 10:24 (-6)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-26 10:24 (-6)	11.6		9.4 - 12.5
US2041010	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-26 11:13 (-3)	31.8		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041010	Prothrombin Intl. Normalized Ratio	Screening	2020-05-26 11:13 (-3)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-26 11:13 (-3)	11.5		9.4 - 12.5
US2041024	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-27 08:30 (-7)	25.3		25.1 - 36.5
		Unscheduled	2020-06-01 07:15 (-2)	26.1		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-27 08:30 (-7)	1.0		0.9 - 1.1
		Unscheduled	2020-06-01 07:15 (-2)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-27 08:30 (-7)	11.5		9.4 - 12.5
		Unscheduled	2020-06-01 07:15 (-2)	10.6		9.4 - 12.5
US2041026	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-27 09:47 (-6)	28.4		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-27 09:47 (-6)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-27 09:47 (-6)	10.9		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041041	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-27 15:55 (-5)	29.9		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-27 15:55 (-5)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-27 15:55 (-5)	11.8		9.4 - 12.5
US2041046	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-28 08:09 (-7)	28.5		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-28 08:09 (-7)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-28 08:09 (-7)	10.6		9.4 - 12.5
US2041048	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-28 09:03 (-5)	30.9		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-28 09:03 (-5)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-28 09:03 (-5)	10.5		9.4 - 12.5
US2041060	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-28 15:03 (-5)	32.2		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-28 15:03 (-5)	1.0		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041060	Prothrombin Time (sec)	Screening	2020-05-28 15:03 (-5)	11.1		9.4 - 12.5
US2041061	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-28 15:17 (-5)	32.4		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-28 15:17 (-5)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-28 15:17 (-5)	10.8		9.4 - 12.5
US2041073	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-29 09:42 (-4)	33.6		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-29 09:42 (-4)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-29 09:42 (-4)	11.0		9.4 - 12.5
US2041079	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-29 12:12 (-5)	28.5		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-29 12:12 (-5)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-29 12:12 (-5)	11.3		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041080	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-29 12:20 (-5)	31.5		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-29 12:20 (-5)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-29 12:20 (-5)	11.9		9.4 - 12.5
US2041084	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-01 12:44 (-3)	30.6		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-01 12:44 (-3)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-01 12:44 (-3)	11.1		9.4 - 12.5
US2051001	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-26 09:13 (-9)	32.3		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-26 09:13 (-9)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-26 09:13 (-9)	11.8		9.4 - 12.5
US2051002	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-26 10:06 (-7)	33.1		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-26 10:06 (-7)	1.0		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051002	Prothrombin Time (sec)	Screening	2020-05-26 10:06 (-7)	11.9		9.4 - 12.5
US2051003	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-26 09:56 (-3)	31.2		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-26 09:56 (-3)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-26 09:56 (-3)	11.9		9.4 - 12.5
US2051012	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-27 12:43 (-6)	35.4		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-27 12:43 (-6)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-27 12:43 (-6)	11.6		9.4 - 12.5
US2051013	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-27 13:05 (-7)	31.3		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-27 13:05 (-7)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-27 13:05 (-7)	12.1		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051017	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-27 14:34 (-9)	36.9 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
		Unscheduled	2020-06-02 08:25 (-3)	33.9		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-27 14:34 (-9)	1.1		0.9 - 1.1
		Unscheduled	2020-06-02 08:25 (-3)	1.1		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-27 14:34 (-9)	12.4		9.4 - 12.5
		Unscheduled	2020-06-02 08:25 (-3)	12.3		9.4 - 12.5
US2051019	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-27 15:35 (-13)	39.6 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
		Unscheduled	2020-06-03 14:02 (-6)	35.8		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-27 15:35 (-13)	1.1		0.9 - 1.1
		Unscheduled	2020-06-03 14:02 (-6)	1.0		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051019	Prothrombin Time (sec)	Screening	2020-05-27 15:35 (-13)	12.4		9.4 - 12.5
		Unscheduled	2020-06-03 14:02 (-6)	12.0		9.4 - 12.5
US2051020	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-27 16:00 (-8)	31.1		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-27 16:00 (-8)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-27 16:00 (-8)	11.3		9.4 - 12.5
US2051024	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-28 10:00 (-5)	28.3		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-28 10:00 (-5)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-28 10:00 (-5)	10.2		9.4 - 12.5
US2051025	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-28 10:37 (-8)	26.4		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-28 10:37 (-8)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-28 10:37 (-8)	11.3		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051026	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-28 11:03 (-5)	35.1		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-28 11:03 (-5)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-28 11:03 (-5)	10.2		9.4 - 12.5
US2051028	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-28 12:12 (-7)	33.4		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-28 12:12 (-7)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-28 12:12 (-7)	10.5		9.4 - 12.5
US2051029	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-28 12:30 (-7)	32.5		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-28 12:30 (-7)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-28 12:30 (-7)	10.4		9.4 - 12.5
US2051030	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-28 13:11 (-6)	25.5		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-28 13:11 (-6)	0.9		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051030	Prothrombin Time (sec)	Screening	2020-05-28 13:11 (-6)	10.7		9.4 - 12.5
US2051045	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-03 14:36 (-7)	34.1		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-03 14:36 (-7)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-03 14:36 (-7)	11.5		9.4 - 12.5
US2061008	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-28 13:49 (-6)	32.1		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-28 13:49 (-6)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-28 13:49 (-6)	11.4		9.4 - 12.5
US2061010	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-28 15:04 (-6)	31.9		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-28 15:04 (-6)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-28 15:04 (-6)	11.5		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061020	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-29 11:00 (-10)	37.3 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
		Unscheduled	2020-06-05 14:38 (-3)	33.5		25.1 - 36.5
		Unscheduled	2020-08-04 (58)	38.3 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-29 11:00 (-10)	1.0		0.9 - 1.1
		Unscheduled	2020-06-05 14:38 (-3)	1.0		0.9 - 1.1
		Unscheduled	2020-08-04 (58)	1.1		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-29 11:00 (-10)	11.8		9.4 - 12.5
		Unscheduled	2020-06-05 14:38 (-3)	11.7		9.4 - 12.5
		Unscheduled	2020-08-04 (58)	12.8 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
US2061023	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-29 14:17 (-7)	27.3		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061023	Prothrombin Intl. Normalized Ratio	Screening	2020-05-29 14:17 (-7)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-29 14:17 (-7)	11.2		9.4 - 12.5
US2061025	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-29 16:10 (-5)	30.4		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-29 16:10 (-5)	1.1		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-29 16:10 (-5)	12.2		9.4 - 12.5
US2061027	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-02 14:33 (-3)	26.2		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-02 14:33 (-3)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-02 14:33 (-3)	9.9		9.4 - 12.5
US2071002	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-22 13:37 (-10)	29.3		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-22 13:37 (-10)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-22 13:37 (-10)	11.1		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071016	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-25 17:22 (-9)	30.2		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-25 17:22 (-9)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-25 17:22 (-9)	11.0		9.4 - 12.5
US2071026	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-26 13:10 (-13)	43.7 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
		Unscheduled	2020-06-04 (-4)	34.5		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-26 13:10 (-13)	1.0		0.9 - 1.1
		Unscheduled	2020-06-04 (-4)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-26 13:10 (-13)	11.9		9.4 - 12.5
		Unscheduled	2020-06-04 (-4)	11.7		9.4 - 12.5
US2071036	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-27 11:05 (-12)	47.0 (H)	G2 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
		Unscheduled	2020-06-02 16:30 (-6)	31.0		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071036	Prothrombin Intl. Normalized Ratio	Screening	2020-05-27 11:05 (-12)	1.3 (H)		0.9 - 1.1
		Unscheduled	2020-06-02 16:30 (-6)	1.1		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-27 11:05 (-12)	14.5 (H)	G2 Prothrombin Time Increased	9.4 - 12.5
		Unscheduled	2020-06-02 16:30 (-6)	13.3 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
US2071038	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-27 12:40 (-8)	32.5		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-27 12:40 (-8)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-27 12:40 (-8)	11.8		9.4 - 12.5
US2071039	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-27 17:14 (-9)	30.0		25.1 - 36.5
		Unscheduled	2020-08-13 17:07 (32)	35.2		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-27 17:14 (-9)	0.9		0.9 - 1.1
		Unscheduled	2020-08-13 17:07 (32)	1.1		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071039	Prothrombin Time (sec)	Screening	2020-05-27 17:14 (-9)	10.6		9.4 - 12.5
		Unscheduled	2020-08-13 17:07 (32)	13.0 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
US2071040	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-28 09:24 (-11)	33.1		25.1 - 36.5
		Unscheduled	2020-06-01 17:18 (-7)	32.6		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-28 09:24 (-11)	1.2 (H)		0.9 - 1.1
		Unscheduled	2020-06-01 17:18 (-7)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-28 09:24 (-11)	13.7 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
		Unscheduled	2020-06-01 17:18 (-7)	12.1		9.4 - 12.5
US2071051	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-29 10:31 (-7)	39.8 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
		Unscheduled	2020-06-03 (-2)	32.1		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-29 10:31 (-7)	1.1		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071051	Prothrombin Intl. Normalized Ratio	Unscheduled	2020-06-03 (-2)	1.1		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-29 10:31 (-7)	12.5		9.4 - 12.5
		Unscheduled	2020-06-03 (-2)	12.2		9.4 - 12.5
US2071068	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-01 17:34 (-7)	30.7		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-01 17:34 (-7)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-01 17:34 (-7)	10.9		9.4 - 12.5
US2071069	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-02 11:10 (-6)	23.6 (L)		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-02 11:10 (-6)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-02 11:10 (-6)	12.0		9.4 - 12.5
US2071071	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-02 12:23 (-3)	31.1		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-02 12:23 (-3)	0.9		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071071	Prothrombin Time (sec)	Screening	2020-06-02 12:23 (-3)	10.5		9.4 - 12.5
US2071073	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-02 15:56 (-6)	27.0		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-02 15:56 (-6)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-02 15:56 (-6)	10.8		9.4 - 12.5
US2071077	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-03 13:16 (-5)	36.5		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-03 13:16 (-5)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-03 13:16 (-5)	11.9		9.4 - 12.5
US2081023	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-28 13:34 (-6)	32.1		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-28 13:34 (-6)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-28 13:34 (-6)	11.8		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081025	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-28 15:21 (-6)	29.3		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-28 15:21 (-6)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-28 15:21 (-6)	12.1		9.4 - 12.5
US2081028	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-29 09:22 (-4)	32.8		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-29 09:22 (-4)	1.1		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-29 09:22 (-4)	12.2		9.4 - 12.5
US2081045	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-01 15:22 (-3)	31.1		25.1 - 36.5
		Unscheduled	2020-06-25 (22)	31.9		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-01 15:22 (-3)	1.1		0.9 - 1.1
		Unscheduled	2020-06-25 (22)	1.1		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-01 15:22 (-3)	13.0 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
		Unscheduled	2020-06-25 (22)	12.6 (H)	G1 Prothrombin Time Increased	9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081051	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-02 14:01 (-3)	25.8		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-02 14:01 (-3)	0.8 (L)		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-02 14:01 (-3)	9.8		9.4 - 12.5
US2081062	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-05 09:02 (-3)	32.5		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-05 09:02 (-3)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-05 09:02 (-3)	11.0		9.4 - 12.5
US2081063	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-05 10:45 (-3)	38.8 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-05 10:45 (-3)	1.1		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-05 10:45 (-3)	13.0 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
US2081064	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-05 12:17 (-3)	29.2		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081064	Prothrombin Intl. Normalized Ratio	Screening	2020-06-05 12:17 (-3)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-05 12:17 (-3)	10.6		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011007	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-26 14:44 (-6)	32.3		25.1 - 36.5
		Day 29	2020-06-29 12:26 (29)	32.4		25.1 - 36.5
		Day 57	2020-07-27 13:02 (29)	29.8		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-26 14:44 (-6)	0.9		0.9 - 1.1
		Day 29	2020-06-29 12:26 (29)	0.9		0.9 - 1.1
		Day 57	2020-07-27 13:02 (29)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-26 14:44 (-6)	10.8		9.4 - 12.5
		Day 29	2020-06-29 12:26 (29)	10.9		9.4 - 12.5
		Day 57	2020-07-27 13:02 (29)	10.9		9.4 - 12.5
US2011011	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-26 15:55 (-3)	32.1		25.1 - 36.5
		Day 29	2020-06-26 09:37 (29)	33.7		25.1 - 36.5
		Day 57	2020-07-24 11:10 (29)	32.1		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011011	Prothrombin Intl. Normalized Ratio	Screening	2020-05-26 15:55 (-3)	0.9		0.9 - 1.1
		Day 29	2020-06-26 09:37 (29)	0.9		0.9 - 1.1
		Day 57	2020-07-24 11:10 (29)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-26 15:55 (-3)	10.8		9.4 - 12.5
		Day 29	2020-06-26 09:37 (29)	10.8		9.4 - 12.5
		Day 57	2020-07-24 11:10 (29)	10.5		9.4 - 12.5
US2011023	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-27 08:42 (-6)	29.5		25.1 - 36.5
		Day 29	2020-07-02 16:00 (31)	29.9		25.1 - 36.5
		Day 57	2020-07-30 16:23 (29)	29.4		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-27 08:42 (-6)	1.0		0.9 - 1.1
		Day 29	2020-07-02 16:00 (31)	1.0		0.9 - 1.1
		Day 57	2020-07-30 16:23 (29)	1.0		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011023	Prothrombin Time (sec)	Screening	2020-05-27 08:42 (-6)	11.5		9.4 - 12.5
		Day 29	2020-07-02 16:00 (31)	11.9		9.4 - 12.5
		Day 57	2020-07-30 16:23 (29)	12.2		9.4 - 12.5
US2011109	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-11 11:45 (-15)	29.4		25.1 - 36.5
		Day 29	2020-07-24 10:35 (29)	26.0		25.1 - 36.5
		Day 57	2020-08-21 10:46 (29)	30.4		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-11 11:45 (-15)	0.9		0.9 - 1.1
		Day 29	2020-07-24 10:35 (29)	1.0		0.9 - 1.1
		Day 57	2020-08-21 10:46 (29)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-11 11:45 (-15)	10.5		9.4 - 12.5
		Day 29	2020-07-24 10:35 (29)	11.3		9.4 - 12.5
		Day 57	2020-08-21 10:46 (29)	11.8		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011114	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-12 12:11 (-14)	29.5		25.1 - 36.5
		Day 29	2020-07-24 09:56 (29)	28.5		25.1 - 36.5
		Day 57	2020-08-21 10:29 (29)	28.8		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-12 12:11 (-14)	0.9		0.9 - 1.1
		Day 29	2020-07-24 09:56 (29)	1.0		0.9 - 1.1
		Day 57	2020-08-21 10:29 (29)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-12 12:11 (-14)	10.9		9.4 - 12.5
		Day 29	2020-07-24 09:56 (29)	11.7		9.4 - 12.5
		Day 57	2020-08-21 10:29 (29)	11.9		9.4 - 12.5
US2011116	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-12 14:41 (-15)	28.3		25.1 - 36.5
		Day 29	2020-07-27 12:23 (31)	30.4		25.1 - 36.5
		Day 57	2020-08-24 11:45 (29)	30.8		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011116	Prothrombin Intl. Normalized Ratio	Screening	2020-06-12 14:41 (-15)	0.9		0.9 - 1.1
		Day 29	2020-07-27 12:23 (31)	1.0		0.9 - 1.1
		Day 57	2020-08-24 11:45 (29)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-12 14:41 (-15)	10.7		9.4 - 12.5
		Day 29	2020-07-27 12:23 (31)	11.7		9.4 - 12.5
		Day 57	2020-08-24 11:45 (29)	12.0		9.4 - 12.5
US2011120	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-15 11:33 (-12)	30.6		25.1 - 36.5
		Day 29	2020-07-27 11:16 (31)	29.9		25.1 - 36.5
		Day 57	2020-08-24 16:56 (29)	21.6 (L)		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-15 11:33 (-12)	0.9		0.9 - 1.1
		Day 29	2020-07-27 11:16 (31)	1.0		0.9 - 1.1
		Day 57	2020-08-24 16:56 (29)	1.0		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011120	Prothrombin Time (sec)	Screening	2020-06-15 11:33 (-12)	10.7		9.4 - 12.5
		Day 29	2020-07-27 11:16 (31)	11.2		9.4 - 12.5
		Day 57	2020-08-24 16:56 (29)	11.6		9.4 - 12.5
US2011124	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-17 13:13 (-9)	30.7		25.1 - 36.5
		Day 29	2020-07-24 08:10 (29)	31.1		25.1 - 36.5
		Day 57	2020-08-21 08:49 (29)	34.6		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-17 13:13 (-9)	0.8 (L)		0.9 - 1.1
		Day 29	2020-07-24 08:10 (29)	0.9		0.9 - 1.1
		Day 57	2020-08-21 08:49 (29)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-17 13:13 (-9)	9.6		9.4 - 12.5
		Day 29	2020-07-24 08:10 (29)	10.7		9.4 - 12.5
		Day 57	2020-08-21 08:49 (29)	11.2		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011126	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-18 08:28 (-8)	30.2		25.1 - 36.5
		Day 29	2020-07-24 08:40 (29)	30.4		25.1 - 36.5
		Day 57	2020-08-21 09:04 (29)	32.3		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-18 08:28 (-8)	1.0		0.9 - 1.1
		Day 29	2020-07-24 08:40 (29)	1.0		0.9 - 1.1
		Day 57	2020-08-21 09:04 (29)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-18 08:28 (-8)	11.6		9.4 - 12.5
		Day 29	2020-07-24 08:40 (29)	12.1		9.4 - 12.5
		Day 57	2020-08-21 09:04 (29)	11.8		9.4 - 12.5
US2011130	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-18 14:07 (-8)	28.3		25.1 - 36.5
		Day 29	2020-07-24 13:25 (29)	29.0		25.1 - 36.5
		Day 57	2020-08-21 15:18 (29)	26.4		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011130	Prothrombin Intl. Normalized Ratio	Screening	2020-06-18 14:07 (-8)	0.9		0.9 - 1.1
		Day 29	2020-07-24 13:25 (29)	0.9		0.9 - 1.1
		Day 57	2020-08-21 15:18 (29)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-18 14:07 (-8)	10.8		9.4 - 12.5
		Day 29	2020-07-24 13:25 (29)	10.7		9.4 - 12.5
		Day 57	2020-08-21 15:18 (29)	10.6		9.4 - 12.5
US2011131	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-18 15:13 (-8)	35.0		25.1 - 36.5
		Day 29	2020-07-24 14:15 (29)	32.4		25.1 - 36.5
		Day 57	2020-08-21 17:05 (29)	29.7		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-18 15:13 (-8)	1.0		0.9 - 1.1
		Day 29	2020-07-24 14:15 (29)	1.0		0.9 - 1.1
		Day 57	2020-08-21 17:05 (29)	1.0		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011131	Prothrombin Time (sec)	Screening	2020-06-18 15:13 (-8)	11.5		9.4 - 12.5
		Day 29	2020-07-24 14:15 (29)	12.0		9.4 - 12.5
		Day 57	2020-08-21 17:05 (29)	12.2		9.4 - 12.5
US2011142	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-22 15:49 (-7)	32.7		25.1 - 36.5
		Day 29	2020-07-27 14:19 (29)	27.5		25.1 - 36.5
		Day 57	2020-08-26 08:08 (31)	30.4		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-22 15:49 (-7)	1.0		0.9 - 1.1
		Day 29	2020-07-27 14:19 (29)	0.9		0.9 - 1.1
		Day 57	2020-08-26 08:08 (31)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-22 15:49 (-7)	11.5		9.4 - 12.5
		Day 29	2020-07-27 14:19 (29)	10.6		9.4 - 12.5
		Day 57	2020-08-26 08:08 (31)	11.6		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011145	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-23 14:18 (-3)	29.7		25.1 - 36.5
		Day 29	2020-07-24 10:50 (29)	31.8		25.1 - 36.5
		Day 57	2020-08-20 11:50 (28)	33.6		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-23 14:18 (-3)	1.0		0.9 - 1.1
		Day 29	2020-07-24 10:50 (29)	0.9		0.9 - 1.1
		Day 57	2020-08-20 11:50 (28)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-23 14:18 (-3)	11.3		9.4 - 12.5
		Day 29	2020-07-24 10:50 (29)	10.7		9.4 - 12.5
		Day 57	2020-08-20 11:50 (28)	11.8		9.4 - 12.5
US2011152	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-25 12:32 (-4)	28.4		25.1 - 36.5
		Day 29	2020-07-27 11:00 (29)	28.2		25.1 - 36.5
		Day 57	2020-08-31 10:20 (36)	28.1		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011152	Prothrombin Intl. Normalized Ratio	Screening	2020-06-25 12:32 (-4)	0.9		0.9 - 1.1
		Day 29	2020-07-27 11:00 (29)	0.9		0.9 - 1.1
		Day 57	2020-08-31 10:20 (36)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-25 12:32 (-4)	10.6		9.4 - 12.5
		Day 29	2020-07-27 11:00 (29)	10.7		9.4 - 12.5
		Day 57	2020-08-31 10:20 (36)	11.6		9.4 - 12.5
US2011155	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-25 14:47 (-5)	34.0		25.1 - 36.5
		Day 29	2020-07-28 13:46 (29)	30.9		25.1 - 36.5
		Day 57	2020-08-26 11:35 (30)	28.8		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-25 14:47 (-5)	1.0		0.9 - 1.1
		Day 29	2020-07-28 13:46 (29)	0.9		0.9 - 1.1
		Day 57	2020-08-26 11:35 (30)	1.0		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011155	Prothrombin Time (sec)	Screening	2020-06-25 14:47 (-5)	11.6		9.4 - 12.5
		Day 29	2020-07-28 13:46 (29)	11.3		9.4 - 12.5
		Day 57	2020-08-26 11:35 (30)	12.0		9.4 - 12.5
US2011156	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-25 15:29 (-5)	32.5		25.1 - 36.5
		Day 29	2020-07-28 09:10 (29)	28.6		25.1 - 36.5
		Day 57	2020-08-26 07:55 (30)	27.3		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-25 15:29 (-5)	0.9		0.9 - 1.1
		Day 29	2020-07-28 09:10 (29)	1.0		0.9 - 1.1
		Day 57	2020-08-26 07:55 (30)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-25 15:29 (-5)	10.8		9.4 - 12.5
		Day 29	2020-07-28 09:10 (29)	11.5		9.4 - 12.5
		Day 57	2020-08-26 07:55 (30)	12.5		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011157	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-25 16:12 (-5)	32.8		25.1 - 36.5
		Day 29	2020-07-28 17:20 (29)	29.6		25.1 - 36.5
		Day 57	2020-08-27 08:22 (31)	29.4		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-25 16:12 (-5)	1.0		0.9 - 1.1
		Day 29	2020-07-28 17:20 (29)	1.1		0.9 - 1.1
		Day 57	2020-08-27 08:22 (31)	1.1		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-25 16:12 (-5)	12.1		9.4 - 12.5
		Day 29	2020-07-28 17:20 (29)	13.3 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
		Day 57	2020-08-27 08:22 (31)	12.9 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
US2021015	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-26 13:30 (-3)	32.3		25.1 - 36.5
		Day 29	2020-06-26 09:04 (29)	34.0		25.1 - 36.5
		Day 57	2020-07-23 09:27 (28)	30.0		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021015	Prothrombin Intl. Normalized Ratio	Screening	2020-05-26 13:30 (-3)	1.0		0.9 - 1.1
		Day 29	2020-06-26 09:04 (29)	1.0		0.9 - 1.1
		Day 57	2020-07-23 09:27 (28)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-26 13:30 (-3)	11.4		9.4 - 12.5
		Day 29	2020-06-26 09:04 (29)	11.3		9.4 - 12.5
		Day 57	2020-07-23 09:27 (28)	11.4		9.4 - 12.5
US2021021	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-26 14:58 (-3)	31.4		25.1 - 36.5
		Day 29	2020-06-26 09:18 (29)	35.8		25.1 - 36.5
		Day 57	2020-07-22 09:35 (27)	29.0		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-26 14:58 (-3)	1.0		0.9 - 1.1
		Day 29	2020-06-26 09:18 (29)	1.0		0.9 - 1.1
		Day 57	2020-07-22 09:35 (27)	1.0		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021021	Prothrombin Time (sec)	Screening	2020-05-26 14:58 (-3)	11.1		9.4 - 12.5
		Day 29	2020-06-26 09:18 (29)	11.3		9.4 - 12.5
		Day 57	2020-07-22 09:35 (27)	11.1		9.4 - 12.5
US2021022	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-26 15:33 (-6)	29.3		25.1 - 36.5
		Day 29	2020-07-06 11:42 (36)	28.1		25.1 - 36.5
		Day 57	2020-08-04 12:00 (30)	25.0 (L)		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-26 15:33 (-6)	1.0		0.9 - 1.1
		Day 29	2020-07-06 11:42 (36)	0.9		0.9 - 1.1
		Day 57	2020-08-04 12:00 (30)	0.8 (L)		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-26 15:33 (-6)	11.2		9.4 - 12.5
		Day 29	2020-07-06 11:42 (36)	10.2		9.4 - 12.5
		Day 57	2020-08-04 12:00 (30)	10.2		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021043	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-27 10:02 (-5)	35.1		25.1 - 36.5
		Day 29	2020-07-02 10:32 (32)	37.4 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
		Day 57	2020-07-29 10:28 (28)	30.3		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-27 10:02 (-5)	1.0		0.9 - 1.1
		Day 29	2020-07-02 10:32 (32)	1.0		0.9 - 1.1
		Day 57	2020-07-29 10:28 (28)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-27 10:02 (-5)	11.6		9.4 - 12.5
		Day 29	2020-07-02 10:32 (32)	11.9		9.4 - 12.5
		Day 57	2020-07-29 10:28 (28)	11.9		9.4 - 12.5
US2021130	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-01 10:54 (-25)	31.7		25.1 - 36.5
		Day 29	2020-07-29 11:17 (34)	27.2		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021130	Activated Partial Thromboplastin Time (sec)	Day 57	2020-08-27 10:28 (30)	28.4		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-01 10:54 (-25)	1.0		0.9 - 1.1
		Day 29	2020-07-29 11:17 (34)	0.9		0.9 - 1.1
		Day 57	2020-08-27 10:28 (30)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-01 10:54 (-25)	11.1		9.4 - 12.5
		Day 29	2020-07-29 11:17 (34)	11.4		9.4 - 12.5
		Day 57	2020-08-27 10:28 (30)	11.6		9.4 - 12.5
US2021185	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-10 10:34 (-16)	35.6		25.1 - 36.5
		Day 57	2020-08-25 09:45 (26)	32.4		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-10 10:34 (-16)	1.0		0.9 - 1.1
		Day 57	2020-08-25 09:45 (26)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-10 10:34 (-16)	11.6		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021185	Prothrombin Time (sec)	Day 57	2020-08-25 09:45 (26)	12.1		9.4 - 12.5
US2021189	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-11 12:16 (-15)	32.5		25.1 - 36.5
		Day 29	2020-07-27 11:51 (32)	29.0		25.1 - 36.5
		Day 57	2020-08-24 11:37 (29)	36.4		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-11 12:16 (-15)	0.9		0.9 - 1.1
		Day 29	2020-07-27 11:51 (32)	1.0		0.9 - 1.1
		Day 57	2020-08-24 11:37 (29)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-11 12:16 (-15)	10.9		9.4 - 12.5
		Day 29	2020-07-27 11:51 (32)	12.4		9.4 - 12.5
		Day 57	2020-08-24 11:37 (29)	12.4		9.4 - 12.5
US2021196	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-12 13:15 (-20)	31.8		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021196	Activated Partial Thromboplastin Time (sec)	Day 29	2020-08-03 13:41 (33)	26.9		25.1 - 36.5
		Day 57	2020-08-31 13:45 (29)	28.0		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-12 13:15 (-20)	0.9		0.9 - 1.1
		Day 29	2020-08-03 13:41 (33)	0.9		0.9 - 1.1
		Day 57	2020-08-31 13:45 (29)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-12 13:15 (-20)	10.9		9.4 - 12.5
		Day 29	2020-08-03 13:41 (33)	10.5		9.4 - 12.5
		Day 57	2020-08-31 13:45 (29)	11.9		9.4 - 12.5
US2021198	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-15 12:06 (-14)	31.8		25.1 - 36.5
		Day 29	2020-08-04 10:18 (37)	29.7		25.1 - 36.5
		Day 57	2020-09-01 10:39 (29)	35.7		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-15 12:06 (-14)	1.0		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021198	Prothrombin Intl. Normalized Ratio	Day 29	2020-08-04 10:18 (37)	0.9		0.9 - 1.1
		Day 57	2020-09-01 10:39 (29)	1.1		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-15 12:06 (-14)	11.5		9.4 - 12.5
		Day 29	2020-08-04 10:18 (37)	10.8		9.4 - 12.5
		Day 57	2020-09-01 10:39 (29)	13.1 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
US2021206	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-17 11:59 (-15)	32.4		25.1 - 36.5
		Day 29	2020-08-04 10:36 (34)	28.0		25.1 - 36.5
		Day 57	2020-09-08 10:59 (36)	28.2		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-17 11:59 (-15)	0.9		0.9 - 1.1
		Day 29	2020-08-04 10:36 (34)	0.9		0.9 - 1.1
		Day 57	2020-09-08 10:59 (36)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-17 11:59 (-15)	10.5		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021206	Prothrombin Time (sec)	Day 29	2020-08-04 10:36 (34)	10.7		9.4 - 12.5
		Day 57	2020-09-08 10:59 (36)	11.4		9.4 - 12.5
US2021207	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-17 12:48 (-9)	31.5		25.1 - 36.5
		Day 29	2020-08-06 11:01 (42)	29.5		25.1 - 36.5
		Day 57	2020-09-03 14:47 (29)	31.5		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-17 12:48 (-9)	0.9		0.9 - 1.1
		Day 29	2020-08-06 11:01 (42)	1.0		0.9 - 1.1
		Day 57	2020-09-03 14:47 (29)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-17 12:48 (-9)	10.7		9.4 - 12.5
		Day 29	2020-08-06 11:01 (42)	11.9		9.4 - 12.5
		Day 57	2020-09-03 14:47 (29)	12.7 (H)	G1 Prothrombin Time Increased	9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021219	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-23 12:03 (-7)	30.9		25.1 - 36.5
		Day 29	2020-07-31 (32)	32.3		25.1 - 36.5
		Day 57	2020-09-03 11:11 (35)	32.5		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-23 12:03 (-7)	1.0		0.9 - 1.1
		Day 29	2020-07-31 (32)	0.9		0.9 - 1.1
		Day 57	2020-09-03 11:11 (35)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-23 12:03 (-7)	11.2		9.4 - 12.5
		Day 29	2020-07-31 (32)	10.6		9.4 - 12.5
		Day 57	2020-09-03 11:11 (35)	11.7		9.4 - 12.5
US2021222	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-29 14:05 (-3)	36.0		25.1 - 36.5
		Day 29	2020-07-31 (30)	34.6		25.1 - 36.5
		Day 57	2020-08-25 12:29 (26)	34.4		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-29 14:05 (-3)	1.0		0.9 - 1.1
		Day 29	2020-07-31 (30)	1.0		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021222	Prothrombin Intl. Normalized Ratio	Day 57	2020-08-25 12:29 (26)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-29 14:05 (-3)	11.7		9.4 - 12.5
		Day 29	2020-07-31 (30)	11.9		9.4 - 12.5
		Day 57	2020-08-25 12:29 (26)	11.5		9.4 - 12.5
US2031085	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-08 09:59 (-18)	31.8		25.1 - 36.5
		Unscheduled	2020-08-06 16:16 (9)	32.5		25.1 - 36.5
		Day 57	2020-08-26 08:48 (29)	28.4		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-08 09:59 (-18)	0.9		0.9 - 1.1
		Unscheduled	2020-08-06 16:16 (9)	0.9		0.9 - 1.1
		Day 57	2020-08-26 08:48 (29)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-08 09:59 (-18)	10.2		9.4 - 12.5
		Unscheduled	2020-08-06 16:16 (9)	11.4		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031085	Prothrombin Time (sec)	Day 57	2020-08-26 08:48 (29)	11.2		9.4 - 12.5
US2031089	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-08 13:50 (-18)	28.0		25.1 - 36.5
		Day 29	2020-07-29 09:48 (34)	24.9 (L)		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-08 13:50 (-18)	1.0		0.9 - 1.1
		Day 29	2020-07-29 09:48 (34)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-08 13:50 (-18)	11.5		9.4 - 12.5
		Day 29	2020-07-29 09:48 (34)	11.8		9.4 - 12.5
US2031092	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-08 15:20 (-22)	28.5		25.1 - 36.5
		Unscheduled	2020-06-18 11:35 (-12)	29.0		25.1 - 36.5
		Day 29	2020-07-29 10:27 (30)	25.7		25.1 - 36.5
		Day 57	2020-08-25 10:58 (28)	30.3		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031092	Prothrombin Intl. Normalized Ratio	Screening	2020-06-08 15:20 (-22)	0.9		0.9 - 1.1
		Unscheduled	2020-06-18 11:35 (-12)	1.0		0.9 - 1.1
		Day 29	2020-07-29 10:27 (30)	0.9		0.9 - 1.1
		Day 57	2020-08-25 10:58 (28)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-08 15:20 (-22)	11.0		9.4 - 12.5
		Unscheduled	2020-06-18 11:35 (-12)	11.3		9.4 - 12.5
		Day 29	2020-07-29 10:27 (30)	11.4		9.4 - 12.5
		Day 57	2020-08-25 10:58 (28)	11.0		9.4 - 12.5
US2031095	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-09 10:24 (-20)	37.6 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
		Unscheduled	2020-06-22 08:09 (-7)	35.6		25.1 - 36.5
		Day 29	2020-07-27 08:35 (29)	32.5		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031095	Prothrombin Intl. Normalized Ratio	Screening	2020-06-09 10:24 (-20)	0.9		0.9 - 1.1
		Unscheduled	2020-06-22 08:09 (-7)	0.9		0.9 - 1.1
		Day 29	2020-07-27 08:35 (29)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-09 10:24 (-20)	10.5		9.4 - 12.5
		Unscheduled	2020-06-22 08:09 (-7)	10.5		9.4 - 12.5
		Day 29	2020-07-27 08:35 (29)	11.2		9.4 - 12.5
US2031098	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-09 11:04 (-20)	31.0		25.1 - 36.5
		Day 29	2020-07-29 10:55 (31)	27.5		25.1 - 36.5
		Day 57	2020-08-24 11:03 (27)	29.2		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-09 11:04 (-20)	0.9		0.9 - 1.1
		Day 29	2020-07-29 10:55 (31)	0.9		0.9 - 1.1
		Day 57	2020-08-24 11:03 (27)	0.9		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031098	Prothrombin Time (sec)	Screening	2020-06-09 11:04 (-20)	10.7		9.4 - 12.5
		Day 29	2020-07-29 10:55 (31)	10.9		9.4 - 12.5
		Day 57	2020-08-24 11:03 (27)	11.3		9.4 - 12.5
US2031100	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-09 16:05 (-22)	31.5		25.1 - 36.5
		Day 29	2020-08-03 15:55 (34)	30.3		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-09 16:05 (-22)	0.9		0.9 - 1.1
		Day 29	2020-08-03 15:55 (34)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-09 16:05 (-22)	10.9		9.4 - 12.5
		Day 29	2020-08-03 15:55 (34)	11.9		9.4 - 12.5
US2031102	Activated Partial Thromboplastin Time (sec)	Unscheduled	2020-06-17 15:38 (-15)	34.5		25.1 - 36.5
		Day 29	2020-08-03 16:47 (33)	34.6		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031102	Activated Partial Thromboplastin Time (sec)	Day 57	2020-08-28 10:50 (26)	23.9 (L)		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Unscheduled	2020-06-17 15:38 (-15)	1.0		0.9 - 1.1
		Day 29	2020-08-03 16:47 (33)	1.0		0.9 - 1.1
		Day 57	2020-08-28 10:50 (26)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Unscheduled	2020-06-17 15:38 (-15)	11.2		9.4 - 12.5
		Day 29	2020-08-03 16:47 (33)	12.0		9.4 - 12.5
		Day 57	2020-08-28 10:50 (26)	11.4		9.4 - 12.5
US2031103	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-09 17:17 (-20)	30.6		25.1 - 36.5
		Unscheduled	2020-08-06 16:16 (8)	30.6		25.1 - 36.5
		Day 57	2020-08-27 16:29 (29)	27.0		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-09 17:17 (-20)	1.0		0.9 - 1.1
		Unscheduled	2020-08-06 16:16 (8)	1.0		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031103	Prothrombin Intl. Normalized Ratio	Day 57	2020-08-27 16:29 (29)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-09 17:17 (-20)	11.5		9.4 - 12.5
		Unscheduled	2020-08-06 16:16 (8)	12.0		9.4 - 12.5
		Day 57	2020-08-27 16:29 (29)	11.5		9.4 - 12.5
US2031110	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-10 15:10 (-16)	32.9		25.1 - 36.5
		Day 29	2020-07-28 11:23 (33)	29.0		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-10 15:10 (-16)	1.0		0.9 - 1.1
		Day 29	2020-07-28 11:23 (33)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-10 15:10 (-16)	11.6		9.4 - 12.5
		Day 29	2020-07-28 11:23 (33)	11.8		9.4 - 12.5
US2031116	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-11 13:36 (-18)	30.6		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031116	Activated Partial Thromboplastin Time (sec)	Day 29	2020-07-30 10:48 (32)	28.1		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-11 13:36 (-18)	1.0		0.9 - 1.1
		Day 29	2020-07-30 10:48 (32)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-11 13:36 (-18)	11.5		9.4 - 12.5
		Day 29	2020-07-30 10:48 (32)	11.6		9.4 - 12.5
US2031124	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-17 13:42 (-12)	31.2		25.1 - 36.5
		Day 29	2020-07-29 17:25 (31)	32.3		25.1 - 36.5
		Day 57	2020-08-24 15:54 (27)	32.9		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-17 13:42 (-12)	0.9		0.9 - 1.1
		Day 29	2020-07-29 17:25 (31)	0.9		0.9 - 1.1
		Day 57	2020-08-24 15:54 (27)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-17 13:42 (-12)	10.4		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031124	Prothrombin Time (sec)	Day 29	2020-07-29 17:25 (31)	11.2		9.4 - 12.5
		Day 57	2020-08-24 15:54 (27)	11.5		9.4 - 12.5
US2031125	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-22 14:27 (-4)	29.6		25.1 - 36.5
		Day 29	2020-07-28 10:17 (33)	27.1		25.1 - 36.5
		Day 57	2020-08-24 08:54 (28)	27.8		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-22 14:27 (-4)	0.9		0.9 - 1.1
		Day 29	2020-07-28 10:17 (33)	0.9		0.9 - 1.1
		Day 57	2020-08-24 08:54 (28)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-22 14:27 (-4)	10.6		9.4 - 12.5
		Day 29	2020-07-28 10:17 (33)	10.6		9.4 - 12.5
		Day 57	2020-08-24 08:54 (28)	10.7		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031129	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-25 12:26 (-6)	31.0		25.1 - 36.5
		Unscheduled	2020-08-07 08:58 (9)	31.1		25.1 - 36.5
		Day 57	2020-08-28 09:36 (30)	21.4 (L)		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-25 12:26 (-6)	1.0		0.9 - 1.1
		Unscheduled	2020-08-07 08:58 (9)	1.0		0.9 - 1.1
		Day 57	2020-08-28 09:36 (30)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-25 12:26 (-6)	11.2		9.4 - 12.5
		Unscheduled	2020-08-07 08:58 (9)	11.7		9.4 - 12.5
		Day 57	2020-08-28 09:36 (30)	10.8		9.4 - 12.5
US2031131	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-29 11:50 (-3)	32.8		25.1 - 36.5
		Day 29	2020-07-31 10:46 (30)	30.1		25.1 - 36.5
		Day 57	2020-08-27 11:33 (28)	30.0		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031131	Prothrombin Intl. Normalized Ratio	Screening	2020-06-29 11:50 (-3)	1.0		0.9 - 1.1
		Day 29	2020-07-31 10:46 (30)	1.0		0.9 - 1.1
		Day 57	2020-08-27 11:33 (28)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-29 11:50 (-3)	11.9		9.4 - 12.5
		Day 29	2020-07-31 10:46 (30)	11.6		9.4 - 12.5
		Day 57	2020-08-27 11:33 (28)	11.0		9.4 - 12.5
US2041102	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-10 10:16 (-16)	31.3		25.1 - 36.5
		Day 57	2020-08-18 10:33 (26)	40.8 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-10 10:16 (-16)	0.9		0.9 - 1.1
		Day 57	2020-08-18 10:33 (26)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-10 10:16 (-16)	10.3		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041102	Prothrombin Time (sec)	Day 57	2020-08-18 10:33 (26)	12.5		9.4 - 12.5
US2041114	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-11 12:21 (-15)	27.7		25.1 - 36.5
		Day 29	2020-08-03 11:28 (39)	25.7		25.1 - 36.5
		Day 57	2020-09-01 07:27 (30)	27.4		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-11 12:21 (-15)	0.9		0.9 - 1.1
		Day 29	2020-08-03 11:28 (39)	0.9		0.9 - 1.1
		Day 57	2020-09-01 07:27 (30)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-11 12:21 (-15)	10.8		9.4 - 12.5
		Day 29	2020-08-03 11:28 (39)	10.6		9.4 - 12.5
		Day 57	2020-09-01 07:27 (30)	11.1		9.4 - 12.5
US2041115	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-11 13:53 (-20)	27.8		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041115	Activated Partial Thromboplastin Time (sec)	Day 29	2020-08-04 11:34 (35)	24.9 (L)		25.1 - 36.5
		Day 57	2020-08-31 12:59 (28)	25.5		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-11 13:53 (-20)	1.0		0.9 - 1.1
		Day 29	2020-08-04 11:34 (35)	0.9		0.9 - 1.1
		Day 57	2020-08-31 12:59 (28)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-11 13:53 (-20)	11.2		9.4 - 12.5
		Day 29	2020-08-04 11:34 (35)	10.8		9.4 - 12.5
		Day 57	2020-08-31 12:59 (28)	11.1		9.4 - 12.5
US2041121	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-12 08:52 (-19)	31.9		25.1 - 36.5
		Day 29	2020-07-31 18:12 (1)	28.0		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-12 08:52 (-19)	1.0		0.9 - 1.1
		Day 29	2020-07-31 18:12 (1)	0.9		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041121	Prothrombin Time (sec)	Screening	2020-06-12 08:52 (-19)	11.6		9.4 - 12.5
		Day 29	2020-07-31 18:12 (1)	11.3		9.4 - 12.5
US2041132	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-15 10:40 (-11)	33.9		25.1 - 36.5
		Day 29	2020-07-27 11:15 (32)	30.4		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-15 10:40 (-11)	0.9		0.9 - 1.1
		Day 29	2020-07-27 11:15 (32)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-15 10:40 (-11)	10.8		9.4 - 12.5
		Day 29	2020-07-27 11:15 (32)	10.9		9.4 - 12.5
US2041142	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-16 12:03 (-16)	30.8		25.1 - 36.5
		Day 29	2020-07-31 11:20 (30)	28.0		25.1 - 36.5
		Day 57	2020-08-28 10:13 (29)	34.1		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041142	Prothrombin Intl. Normalized Ratio	Screening	2020-06-16 12:03 (-16)	1.0		0.9 - 1.1
		Day 29	2020-07-31 11:20 (30)	1.0		0.9 - 1.1
		Day 57	2020-08-28 10:13 (29)	1.1		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-16 12:03 (-16)	11.8		9.4 - 12.5
		Day 29	2020-07-31 11:20 (30)	12.0		9.4 - 12.5
		Day 57	2020-08-28 10:13 (29)	13.7 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
US2041146	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-17 12:05 (-15)	26.4		25.1 - 36.5
		Day 29	2020-07-31 08:18 (30)	26.8		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-17 12:05 (-15)	0.9		0.9 - 1.1
		Day 29	2020-07-31 08:18 (30)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-17 12:05 (-15)	9.9		9.4 - 12.5
		Day 29	2020-07-31 08:18 (30)	11.4		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041151	Activated Partial Thromboplastin Time (sec)	Unscheduled	2020-07-02 12:40 (-4)	33.9		25.1 - 36.5
		Day 29	2020-08-04 10:47 (30)	31.0		25.1 - 36.5
		Day 57	2020-09-01 15:05 (29)	32.0		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Unscheduled	2020-07-02 12:40 (-4)	0.9		0.9 - 1.1
		Day 29	2020-08-04 10:47 (30)	1.0		0.9 - 1.1
		Day 57	2020-09-01 15:05 (29)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Unscheduled	2020-07-02 12:40 (-4)	10.8		9.4 - 12.5
		Day 29	2020-08-04 10:47 (30)	12.1		9.4 - 12.5
		Day 57	2020-09-01 15:05 (29)	12.5		9.4 - 12.5
US2041152	Activated Partial Thromboplastin Time (sec)	Unscheduled	2020-07-02 11:58 (-5)	28.9		25.1 - 36.5
		Day 29	2020-08-04 10:38 (29)	29.3		25.1 - 36.5
		Day 57	2020-09-03 10:22 (31)	28.2		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041152	Prothrombin Intl. Normalized Ratio	Unscheduled	2020-07-02 11:58 (-5)	1.0		0.9 - 1.1
		Day 29	2020-08-04 10:38 (29)	1.0		0.9 - 1.1
		Day 57	2020-09-03 10:22 (31)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Unscheduled	2020-07-02 11:58 (-5)	11.5		9.4 - 12.5
		Day 29	2020-08-04 10:38 (29)	11.5		9.4 - 12.5
		Day 57	2020-09-03 10:22 (31)	11.8		9.4 - 12.5
US2041166	Activated Partial Thromboplastin Time (sec)	Screening	2020-07-01 14:44 (-5)	32.3		25.1 - 36.5
		Day 29	2020-08-03 08:11 (29)	30.6		25.1 - 36.5
		Day 57	2020-08-31 09:11 (29)	32.5		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-07-01 14:44 (-5)	1.0		0.9 - 1.1
		Day 29	2020-08-03 08:11 (29)	1.0		0.9 - 1.1
		Day 57	2020-08-31 09:11 (29)	1.0		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041166	Prothrombin Time (sec)	Screening	2020-07-01 14:44 (-5)	11.2		9.4 - 12.5
		Day 29	2020-08-03 08:11 (29)	11.7		9.4 - 12.5
		Day 57	2020-08-31 09:11 (29)	11.9		9.4 - 12.5
US2051055	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-12 09:40 (-14)	31.8		25.1 - 36.5
		Day 29	2020-07-30 08:34 (35)	29.1		25.1 - 36.5
		Day 57	2020-08-25 07:50 (27)	27.1		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-12 09:40 (-14)	1.0		0.9 - 1.1
		Day 29	2020-07-30 08:34 (35)	1.0		0.9 - 1.1
		Day 57	2020-08-25 07:50 (27)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-12 09:40 (-14)	11.5		9.4 - 12.5
		Day 29	2020-07-30 08:34 (35)	12.2		9.4 - 12.5
		Day 57	2020-08-25 07:50 (27)	12.3		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051063	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-16 15:41 (-14)	27.5		25.1 - 36.5
		Day 29	2020-07-28 09:42 (29)	26.7		25.1 - 36.5
		Day 57	2020-08-25 09:55 (29)	25.0 (L)		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-16 15:41 (-14)	0.9		0.9 - 1.1
		Day 29	2020-07-28 09:42 (29)	0.9		0.9 - 1.1
		Day 57	2020-08-25 09:55 (29)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-16 15:41 (-14)	10.7		9.4 - 12.5
		Day 29	2020-07-28 09:42 (29)	11.2		9.4 - 12.5
		Day 57	2020-08-25 09:55 (29)	10.3		9.4 - 12.5
US2051072	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-19 09:12 (-17)	38.1 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
		Unscheduled	2020-06-25 08:39 (-11)	31.9		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051072	Activated Partial Thromboplastin Time (sec)	Day 29	2020-08-03 08:49 (29)	31.3		25.1 - 36.5
		Day 57	2020-09-21 08:41 (50)	30.6		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-19 09:12 (-17)	0.9		0.9 - 1.1
		Unscheduled	2020-06-25 08:39 (-11)	0.9		0.9 - 1.1
		Day 29	2020-08-03 08:49 (29)	0.9		0.9 - 1.1
		Day 57	2020-09-21 08:41 (50)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-19 09:12 (-17)	10.5		9.4 - 12.5
		Unscheduled	2020-06-25 08:39 (-11)	10.1		9.4 - 12.5
		Day 29	2020-08-03 08:49 (29)	10.8		9.4 - 12.5
		Day 57	2020-09-21 08:41 (50)	10.9		9.4 - 12.5
US2051073	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-19 10:16 (-17)	37.7 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051073	Activated Partial Thromboplastin Time (sec)	Unscheduled	2020-06-30 11:17 (-6)	34.4		25.1 - 36.5
		Day 29	2020-08-05 11:19 (31)	30.9		25.1 - 36.5
		Day 57	2020-08-31 12:19 (27)	30.9		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-19 10:16 (-17)	1.0		0.9 - 1.1
		Unscheduled	2020-06-30 11:17 (-6)	0.9		0.9 - 1.1
		Day 29	2020-08-05 11:19 (31)	0.9		0.9 - 1.1
		Day 57	2020-08-31 12:19 (27)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-19 10:16 (-17)	11.4		9.4 - 12.5
		Unscheduled	2020-06-30 11:17 (-6)	10.7		9.4 - 12.5
		Day 29	2020-08-05 11:19 (31)	10.8		9.4 - 12.5
		Day 57	2020-08-31 12:19 (27)	11.0		9.4 - 12.5
US2051086	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-24 15:28 (-12)	31.4		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051086	Activated Partial Thromboplastin Time (sec)	Day 29	2020-08-04 11:16 (30)	29.6		25.1 - 36.5
		Day 57	2020-09-03 11:01 (31)	29.5		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-24 15:28 (-12)	1.0		0.9 - 1.1
		Day 29	2020-08-04 11:16 (30)	1.0		0.9 - 1.1
		Day 57	2020-09-03 11:01 (31)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-24 15:28 (-12)	11.7		9.4 - 12.5
		Day 29	2020-08-04 11:16 (30)	12.3		9.4 - 12.5
		Day 57	2020-09-03 11:01 (31)	11.7		9.4 - 12.5
US2051087	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-25 09:20 (-11)	31.8		25.1 - 36.5
		Day 29	2020-08-04 08:30 (30)	30.5		25.1 - 36.5
		Day 57	2020-09-08 09:41 (36)	28.3		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-25 09:20 (-11)	0.9		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051087	Prothrombin Intl. Normalized Ratio	Day 29	2020-08-04 08:30 (30)	0.9		0.9 - 1.1
		Day 57	2020-09-08 09:41 (36)	0.8 (L)		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-25 09:20 (-11)	10.0		9.4 - 12.5
		Day 29	2020-08-04 08:30 (30)	10.8		9.4 - 12.5
		Day 57	2020-09-08 09:41 (36)	10.2		9.4 - 12.5
US2051089	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-25 11:26 (-7)	31.4		25.1 - 36.5
		Day 29	2020-07-30 10:14 (29)	30.7		25.1 - 36.5
		Day 57	2020-08-28 09:01 (30)	30.9		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-25 11:26 (-7)	1.0		0.9 - 1.1
		Day 29	2020-07-30 10:14 (29)	1.0		0.9 - 1.1
		Day 57	2020-08-28 09:01 (30)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-25 11:26 (-7)	11.1		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051089	Prothrombin Time (sec)	Day 29	2020-07-30 10:14 (29)	12.3		9.4 - 12.5
		Day 57	2020-08-28 09:01 (30)	11.4		9.4 - 12.5
US2051098	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-29 14:42 (-7)	33.1		25.1 - 36.5
		Day 29	2020-08-05 09:14 (31)	29.8		25.1 - 36.5
		Day 57	2020-09-08 10:27 (35)	30.8		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-29 14:42 (-7)	0.9		0.9 - 1.1
		Day 29	2020-08-05 09:14 (31)	1.0		0.9 - 1.1
		Day 57	2020-09-08 10:27 (35)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-29 14:42 (-7)	10.4		9.4 - 12.5
		Day 29	2020-08-05 09:14 (31)	11.8		9.4 - 12.5
		Day 57	2020-09-08 10:27 (35)	11.0		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051112	Activated Partial Thromboplastin Time (sec)	Screening	2020-07-01 13:42 (-5)	35.2		25.1 - 36.5
		Day 29	2020-08-03 11:54 (29)	29.6		25.1 - 36.5
		Day 57	2020-08-31 14:02 (29)	29.2		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-07-01 13:42 (-5)	1.0		0.9 - 1.1
		Day 29	2020-08-03 11:54 (29)	1.0		0.9 - 1.1
		Day 57	2020-08-31 14:02 (29)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-07-01 13:42 (-5)	12.0		9.4 - 12.5
		Day 29	2020-08-03 11:54 (29)	12.0		9.4 - 12.5
		Day 57	2020-08-31 14:02 (29)	12.3		9.4 - 12.5
US2061035	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-09 10:14 (-17)	30.4		25.1 - 36.5
		Day 29	2020-07-20 09:20 (25)	32.8		25.1 - 36.5
		Day 57	2020-08-18 09:19 (30)	28.4		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061035	Prothrombin Intl. Normalized Ratio	Screening	2020-06-09 10:14 (-17)	1.0		0.9 - 1.1
		Day 29	2020-07-20 09:20 (25)	1.2 (H)		0.9 - 1.1
		Day 57	2020-08-18 09:19 (30)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-09 10:14 (-17)	12.0		9.4 - 12.5
		Day 29	2020-07-20 09:20 (25)	13.6 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
		Day 57	2020-08-18 09:19 (30)	12.4		9.4 - 12.5
US2061043	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-10 13:48 (-19)	34.8		25.1 - 36.5
		Day 29	2020-07-27 13:35 (29)	31.4		25.1 - 36.5
		Day 57	2020-08-21 10:47 (26)	33.3		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-10 13:48 (-19)	1.0		0.9 - 1.1
		Day 29	2020-07-27 13:35 (29)	0.9		0.9 - 1.1
		Day 57	2020-08-21 10:47 (26)	1.0		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061043	Prothrombin Time (sec)	Screening	2020-06-10 13:48 (-19)	11.5		9.4 - 12.5
		Day 29	2020-07-27 13:35 (29)	11.2		9.4 - 12.5
		Day 57	2020-08-21 10:47 (26)	11.6		9.4 - 12.5
US2061046	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-11 10:47 (-18)	31.3		25.1 - 36.5
		Day 29	2020-07-27 08:28 (29)	28.3		25.1 - 36.5
		Day 57	2020-08-24 08:30 (29)	35.3		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-11 10:47 (-18)	0.9		0.9 - 1.1
		Day 29	2020-07-27 08:28 (29)	0.9		0.9 - 1.1
		Day 57	2020-08-24 08:30 (29)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-11 10:47 (-18)	11.0		9.4 - 12.5
		Day 29	2020-07-27 08:28 (29)	11.1		9.4 - 12.5
		Day 57	2020-08-24 08:30 (29)	12.3		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061051	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-15 11:10 (-15)	32.5		25.1 - 36.5
		Day 29	2020-07-30 15:22 (31)	30.7		25.1 - 36.5
		Day 57	2020-08-24 08:27 (26)	35.7		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-15 11:10 (-15)	0.9		0.9 - 1.1
		Day 29	2020-07-30 15:22 (31)	0.9		0.9 - 1.1
		Day 57	2020-08-24 08:27 (26)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-15 11:10 (-15)	10.2		9.4 - 12.5
		Day 29	2020-07-30 15:22 (31)	10.4		9.4 - 12.5
		Day 57	2020-08-24 08:27 (26)	10.7		9.4 - 12.5
US2061055	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-16 11:22 (-14)	28.9		25.1 - 36.5
		Day 29	2020-07-28 08:30 (29)	26.4		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061055	Activated Partial Thromboplastin Time (sec)	Day 57	2020-08-24 09:30 (28)	38.3 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-16 11:22 (-14)	0.9		0.9 - 1.1
		Day 29	2020-07-28 08:30 (29)	0.9		0.9 - 1.1
		Day 57	2020-08-24 09:30 (28)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-16 11:22 (-14)	10.6		9.4 - 12.5
		Day 29	2020-07-28 08:30 (29)	10.8		9.4 - 12.5
		Day 57	2020-08-24 09:30 (28)	11.9		9.4 - 12.5
US2071005	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-25 10:32 (-8)	29.7		25.1 - 36.5
		Day 29	2020-07-06 14:27 (35)	29.9		25.1 - 36.5
		Day 57	2020-07-31 08:55 (26)	26.7		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-25 10:32 (-8)	1.0		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071005	Prothrombin Intl. Normalized Ratio	Day 29	2020-07-06 14:27 (35)	1.0		0.9 - 1.1
		Day 57	2020-07-31 08:55 (26)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-25 10:32 (-8)	11.2		9.4 - 12.5
		Day 29	2020-07-06 14:27 (35)	11.8		9.4 - 12.5
		Day 57	2020-07-31 08:55 (26)	10.8		9.4 - 12.5
US2071041	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-28 11:28 (-5)	33.5		25.1 - 36.5
		Day 29	2020-07-02 08:28 (31)	25.1		25.1 - 36.5
		Day 57	2020-07-28 08:42 (27)	26.0		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-28 11:28 (-5)	0.9		0.9 - 1.1
		Day 29	2020-07-02 08:28 (31)	0.9		0.9 - 1.1
		Day 57	2020-07-28 08:42 (27)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-28 11:28 (-5)	10.7		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071041	Prothrombin Time (sec)	Day 29	2020-07-02 08:28 (31)	10.8		9.4 - 12.5
		Day 57	2020-07-28 08:42 (27)	10.9		9.4 - 12.5
US2071084	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-15 11:12 (-11)	32.5		25.1 - 36.5
		Day 29	2020-07-27 10:33 (32)	39.3 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
		Day 57	2020-08-24 08:30 (29)	29.1		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-15 11:12 (-11)	1.1		0.9 - 1.1
		Day 29	2020-07-27 10:33 (32)	1.0		0.9 - 1.1
		Day 57	2020-08-24 08:30 (29)	1.1		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-15 11:12 (-11)	12.3		9.4 - 12.5
		Day 29	2020-07-27 10:33 (32)	11.6		9.4 - 12.5
		Day 57	2020-08-24 08:30 (29)	12.8 (H)	G1 Prothrombin Time Increased	9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071085	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-17 11:59 (-9)	30.4		25.1 - 36.5
		Day 57	2020-08-24 14:38 (28)	30.0		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-17 11:59 (-9)	0.9		0.9 - 1.1
		Day 57	2020-08-24 14:38 (28)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-17 11:59 (-9)	11.0		9.4 - 12.5
		Day 57	2020-08-24 14:38 (28)	12.1		9.4 - 12.5
US2071086	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-18 09:52 (-8)	33.3		25.1 - 36.5
		Day 29	2020-07-29 09:53 (34)	29.3		25.1 - 36.5
		Day 57	2020-08-24 09:35 (27)	46.9 (H)	G2 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-18 09:52 (-8)	1.0		0.9 - 1.1
		Day 29	2020-07-29 09:53 (34)	1.0		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071086	Prothrombin Intl. Normalized Ratio	Day 57	2020-08-24 09:35 (27)	1.2 (H)		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-18 09:52 (-8)	11.3		9.4 - 12.5
		Day 29	2020-07-29 09:53 (34)	11.8		9.4 - 12.5
		Day 57	2020-08-24 09:35 (27)	15.0 (H)	G2 Prothrombin Time Increased	9.4 - 12.5
US2071088	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-18 13:45 (-8)	26.0		25.1 - 36.5
		Day 29	2020-07-27 11:25 (32)	27.7		25.1 - 36.5
		Day 57	2020-08-24 10:51 (29)	29.8		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-18 13:45 (-8)	0.9		0.9 - 1.1
		Day 29	2020-07-27 11:25 (32)	1.0		0.9 - 1.1
		Day 57	2020-08-24 10:51 (29)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-18 13:45 (-8)	10.9		9.4 - 12.5
		Day 29	2020-07-27 11:25 (32)	12.0		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071088	Prothrombin Time (sec)	Day 57	2020-08-24 10:51 (29)	11.0		9.4 - 12.5
US2071092	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-19 14:41 (-7)	33.0		25.1 - 36.5
		Day 29	2020-07-21 09:48 (26)	25.4		25.1 - 36.5
		Day 57	2020-08-19 10:28 (30)	34.1		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-19 14:41 (-7)	1.1		0.9 - 1.1
		Day 29	2020-07-21 09:48 (26)	1.0		0.9 - 1.1
		Day 57	2020-08-19 10:28 (30)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-19 14:41 (-7)	12.5		9.4 - 12.5
		Day 29	2020-07-21 09:48 (26)	12.0		9.4 - 12.5
		Day 57	2020-08-19 10:28 (30)	12.6 (H)	G1 Prothrombin Time Increased	9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071094	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-22 11:21 (-14)	46.1 (H)	G2 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
		Unscheduled	2020-06-25 (-11)	30.9		25.1 - 36.5
		Day 29	2020-08-04 12:15 (30)	34.9		25.1 - 36.5
		Day 57	2020-08-31 15:05 (28)	44.5 (H)	G2 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-22 11:21 (-14)	1.1		0.9 - 1.1
		Unscheduled	2020-06-25 (-11)	1.0		0.9 - 1.1
		Day 29	2020-08-04 12:15 (30)	1.0		0.9 - 1.1
		Day 57	2020-08-31 15:05 (28)	1.1		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-22 11:21 (-14)	12.4		9.4 - 12.5
		Unscheduled	2020-06-25 (-11)	11.5		9.4 - 12.5
		Day 29	2020-08-04 12:15 (30)	12.3		9.4 - 12.5
		Day 57	2020-08-31 15:05 (28)	13.1 (H)	G1 Prothrombin Time Increased	9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071098	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-24 15:02 (-7)	32.8		25.1 - 36.5
		Day 29	2020-08-05 16:10 (36)	34.4		25.1 - 36.5
		Day 57	2020-08-31 08:50 (27)	31.5		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-24 15:02 (-7)	1.1		0.9 - 1.1
		Day 29	2020-08-05 16:10 (36)	1.1		0.9 - 1.1
		Day 57	2020-08-31 08:50 (27)	1.1		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-24 15:02 (-7)	12.5		9.4 - 12.5
		Day 29	2020-08-05 16:10 (36)	13.1 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
		Day 57	2020-08-31 08:50 (27)	13.2 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
US2071100	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-25 10:25 (-11)	39.0 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
		Day 29	2020-08-04 10:22 (30)	32.1		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071100	Activated Partial Thromboplastin Time (sec)	Day 57	2020-09-03 10:49 (31)	39.4 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-25 10:25 (-11)	1.1		0.9 - 1.1
		Day 29	2020-08-04 10:22 (30)	0.9		0.9 - 1.1
		Day 57	2020-09-03 10:49 (31)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-25 10:25 (-11)	12.2		9.4 - 12.5
		Day 29	2020-08-04 10:22 (30)	11.4		9.4 - 12.5
		Day 57	2020-09-03 10:49 (31)	12.7 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
US2071102	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-25 16:08 (-4)	32.7		25.1 - 36.5
		Day 57	2020-08-24 14:00 (28)	34.9		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-25 16:08 (-4)	0.9		0.9 - 1.1
		Day 57	2020-08-24 14:00 (28)	1.0		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071102	Prothrombin Time (sec)	Screening	2020-06-25 16:08 (-4)	10.5		9.4 - 12.5
		Day 57	2020-08-24 14:00 (28)	11.6		9.4 - 12.5
US2071103	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-26 15:16 (-6)	35.4		25.1 - 36.5
		Day 29	2020-08-06 09:08 (36)	41.7 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
		Day 57	2020-09-11 12:30 (37)	35.9		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-26 15:16 (-6)	0.9		0.9 - 1.1
		Day 29	2020-08-06 09:08 (36)	1.1		0.9 - 1.1
		Day 57	2020-09-11 12:30 (37)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-26 15:16 (-6)	10.8		9.4 - 12.5
		Day 29	2020-08-06 09:08 (36)	13.8 (H)	G2 Prothrombin Time Increased	9.4 - 12.5
		Day 57	2020-09-11 12:30 (37)	11.8		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071105	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-30 09:04 (-6)	34.1		25.1 - 36.5
		Day 29	2020-08-10 11:12 (36)	39.0 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
		Day 57	2020-09-09 12:41 (31)	27.1		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-30 09:04 (-6)	1.0		0.9 - 1.1
		Day 29	2020-08-10 11:12 (36)	1.1		0.9 - 1.1
		Day 57	2020-09-09 12:41 (31)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-30 09:04 (-6)	11.2		9.4 - 12.5
		Day 29	2020-08-10 11:12 (36)	13.3 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
		Day 57	2020-09-09 12:41 (31)	11.4		9.4 - 12.5
US2081004	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-26 11:26 (-3)	26.4		25.1 - 36.5
		Day 29	2020-06-29 11:20 (32)	28.2		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081004	Activated Partial Thromboplastin Time (sec)	Day 57	2020-07-27 10:12 (29)	27.5		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-26 11:26 (-3)	0.9		0.9 - 1.1
		Day 29	2020-06-29 11:20 (32)	0.9		0.9 - 1.1
		Day 57	2020-07-27 10:12 (29)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-26 11:26 (-3)	10.5		9.4 - 12.5
		Day 29	2020-06-29 11:20 (32)	10.2		9.4 - 12.5
		Day 57	2020-07-27 10:12 (29)	10.8		9.4 - 12.5
US2081005	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-26 12:57 (-6)	33.7		25.1 - 36.5
		Day 29	2020-07-01 13:15 (31)	34.2		25.1 - 36.5
		Day 57	2020-07-28 12:15 (28)	28.2		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-26 12:57 (-6)	1.0		0.9 - 1.1
		Day 29	2020-07-01 13:15 (31)	1.1		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081005	Prothrombin Intl. Normalized Ratio	Day 57	2020-07-28 12:15 (28)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-26 12:57 (-6)	11.4		9.4 - 12.5
		Day 29	2020-07-01 13:15 (31)	12.3		9.4 - 12.5
		Day 57	2020-07-28 12:15 (28)	12.1		9.4 - 12.5
US2081007	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-27 08:11 (-5)	30.5		25.1 - 36.5
		Day 29	2020-06-30 15:07 (30)	27.9		25.1 - 36.5
		Day 57	2020-07-28 07:10 (29)	26.1		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-27 08:11 (-5)	0.9		0.9 - 1.1
		Day 29	2020-06-30 15:07 (30)	0.9		0.9 - 1.1
		Day 57	2020-07-28 07:10 (29)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-27 08:11 (-5)	10.4		9.4 - 12.5
		Day 29	2020-06-30 15:07 (30)	10.1		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081007	Prothrombin Time (sec)	Day 57	2020-07-28 07:10 (29)	10.8		9.4 - 12.5
US2081015	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-27 13:40 (-5)	38.6 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
		Day 29	2020-07-01 09:10 (31)	25.6		25.1 - 36.5
		Day 57	2020-07-27 09:11 (27)	23.4 (L)		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-27 13:40 (-5)	1.0		0.9 - 1.1
		Day 29	2020-07-01 09:10 (31)	0.9		0.9 - 1.1
		Day 57	2020-07-27 09:11 (27)	0.8 (L)		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-27 13:40 (-5)	11.6		9.4 - 12.5
		Day 29	2020-07-01 09:10 (31)	10.2		9.4 - 12.5
		Day 57	2020-07-27 09:11 (27)	10.2		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081017	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-28 07:48 (-5)	29.6		25.1 - 36.5
		Day 29	2020-07-06 15:10 (35)	24.1 (L)		25.1 - 36.5
		Day 57	2020-08-06 13:58 (32)	29.8		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-28 07:48 (-5)	1.0		0.9 - 1.1
		Day 29	2020-07-06 15:10 (35)	1.1		0.9 - 1.1
		Day 57	2020-08-06 13:58 (32)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-28 07:48 (-5)	11.5		9.4 - 12.5
		Day 29	2020-07-06 15:10 (35)	12.3		9.4 - 12.5
		Day 57	2020-08-06 13:58 (32)	12.7 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
US2081029	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-29 09:26 (-4)	35.9		25.1 - 36.5
		Day 29	2020-07-07 11:07 (36)	35.0		25.1 - 36.5
		Day 57	2020-08-06 14:20 (31)	33.1		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081029	Prothrombin Intl. Normalized Ratio	Screening	2020-05-29 09:26 (-4)	0.9		0.9 - 1.1
		Day 29	2020-07-07 11:07 (36)	1.0		0.9 - 1.1
		Day 57	2020-08-06 14:20 (31)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-29 09:26 (-4)	10.8		9.4 - 12.5
		Day 29	2020-07-07 11:07 (36)	11.4		9.4 - 12.5
		Day 57	2020-08-06 14:20 (31)	12.2		9.4 - 12.5
US2081030	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-29 10:56 (-4)	28.8		25.1 - 36.5
		Day 29	2020-07-06 09:15 (35)	32.5		25.1 - 36.5
		Day 57	2020-08-03 08:15 (29)	26.4		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-29 10:56 (-4)	1.0		0.9 - 1.1
		Day 29	2020-07-06 09:15 (35)	1.1		0.9 - 1.1
		Day 57	2020-08-03 08:15 (29)	0.9		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081030	Prothrombin Time (sec)	Screening	2020-05-29 10:56 (-4)	11.1		9.4 - 12.5
		Day 29	2020-07-06 09:15 (35)	12.4		9.4 - 12.5
		Day 57	2020-08-03 08:15 (29)	11.0		9.4 - 12.5
US2081065	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-11 09:10 (-15)	39.8 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
		Day 29	2020-07-24 07:10 (29)	31.8		25.1 - 36.5
		Day 57	2020-08-24 09:05 (32)	31.1		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-11 09:10 (-15)	1.0		0.9 - 1.1
		Day 29	2020-07-24 07:10 (29)	1.0		0.9 - 1.1
		Day 57	2020-08-24 09:05 (32)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-11 09:10 (-15)	11.9		9.4 - 12.5
		Day 29	2020-07-24 07:10 (29)	11.8		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081065	Prothrombin Time (sec)	Day 57	2020-08-24 09:05 (32)	12.1		9.4 - 12.5
US2081066	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-11 12:01 (-15)	32.9		25.1 - 36.5
		Day 29	2020-07-24 09:11 (29)	33.2		25.1 - 36.5
		Day 57	2020-08-25 09:46 (33)	30.1		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-11 12:01 (-15)	0.9		0.9 - 1.1
		Day 29	2020-07-24 09:11 (29)	1.0		0.9 - 1.1
		Day 57	2020-08-25 09:46 (33)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-11 12:01 (-15)	11.0		9.4 - 12.5
		Day 29	2020-07-24 09:11 (29)	11.2		9.4 - 12.5
		Day 57	2020-08-25 09:46 (33)	10.9		9.4 - 12.5
US2081073	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-15 09:58 (-11)	28.9		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081073	Activated Partial Thromboplastin Time (sec)	Day 29	2020-07-24 11:10 (29)	30.7		25.1 - 36.5
		Day 57	2020-08-21 09:42 (29)	26.0		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-15 09:58 (-11)	0.9		0.9 - 1.1
		Day 29	2020-07-24 11:10 (29)	0.9		0.9 - 1.1
		Day 57	2020-08-21 09:42 (29)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-15 09:58 (-11)	10.3		9.4 - 12.5
		Day 29	2020-07-24 11:10 (29)	10.6		9.4 - 12.5
		Day 57	2020-08-21 09:42 (29)	10.9		9.4 - 12.5
US2081077	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-16 14:10 (-14)	40.7 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
		Day 29	2020-08-03 11:10 (35)	35.0		25.1 - 36.5
		Day 57	2020-08-31 14:55 (29)	35.8		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081077	Prothrombin Intl. Normalized Ratio	Screening	2020-06-16 14:10 (-14)	1.0		0.9 - 1.1
		Day 29	2020-08-03 11:10 (35)	1.0		0.9 - 1.1
		Day 57	2020-08-31 14:55 (29)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-16 14:10 (-14)	11.4		9.4 - 12.5
		Day 29	2020-08-03 11:10 (35)	12.4		9.4 - 12.5
		Day 57	2020-08-31 14:55 (29)	11.7		9.4 - 12.5
US2081080	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-17 09:10 (-14)	35.2		25.1 - 36.5
		Day 29	2020-07-31 09:26 (31)	31.4		25.1 - 36.5
		Day 57	2020-08-28 08:37 (29)	35.3		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-17 09:10 (-14)	1.0		0.9 - 1.1
		Day 29	2020-07-31 09:26 (31)	0.9		0.9 - 1.1
		Day 57	2020-08-28 08:37 (29)	1.0		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081080	Prothrombin Time (sec)	Screening	2020-06-17 09:10 (-14)	11.2		9.4 - 12.5
		Day 29	2020-07-31 09:26 (31)	11.0		9.4 - 12.5
		Day 57	2020-08-28 08:37 (29)	11.7		9.4 - 12.5
US2081087	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-18 12:03 (-12)	26.3		25.1 - 36.5
		Day 29	2020-07-29 07:15 (30)	27.0		25.1 - 36.5
		Day 57	2020-08-26 12:38 (29)	26.5		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-18 12:03 (-12)	1.0		0.9 - 1.1
		Day 29	2020-07-29 07:15 (30)	1.0		0.9 - 1.1
		Day 57	2020-08-26 12:38 (29)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-18 12:03 (-12)	11.3		9.4 - 12.5
		Day 29	2020-07-29 07:15 (30)	11.9		9.4 - 12.5
		Day 57	2020-08-26 12:38 (29)	12.4		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081097	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-22 09:45 (-9)	31.1		25.1 - 36.5
		Day 29	2020-07-31 09:19 (31)	32.4		25.1 - 36.5
		Day 57	2020-08-28 09:31 (29)	28.3		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-22 09:45 (-9)	0.9		0.9 - 1.1
		Day 29	2020-07-31 09:19 (31)	1.0		0.9 - 1.1
		Day 57	2020-08-28 09:31 (29)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-22 09:45 (-9)	10.8		9.4 - 12.5
		Day 29	2020-07-31 09:19 (31)	11.7		9.4 - 12.5
		Day 57	2020-08-28 09:31 (29)	10.8		9.4 - 12.5
US2081103	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-23 09:53 (-9)	29.5		25.1 - 36.5
		Day 29	2020-08-06 11:10 (36)	29.6		25.1 - 36.5
		Day 57	2020-09-01 08:50 (27)	31.0		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081103	Prothrombin Intl. Normalized Ratio	Screening	2020-06-23 09:53 (-9)	0.9		0.9 - 1.1
		Day 29	2020-08-06 11:10 (36)	0.9		0.9 - 1.1
		Day 57	2020-09-01 08:50 (27)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-23 09:53 (-9)	10.7		9.4 - 12.5
		Day 29	2020-08-06 11:10 (36)	11.1		9.4 - 12.5
		Day 57	2020-09-01 08:50 (27)	11.6		9.4 - 12.5
US2081104	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-23 09:46 (-9)	40.4 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
		Day 29	2020-08-06 11:32 (36)	38.0 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
		Day 57	2020-09-01 08:44 (27)	38.1 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081104	Prothrombin Intl. Normalized Ratio	Screening	2020-06-23 09:46 (-9)	1.0		0.9 - 1.1
		Day 29	2020-08-06 11:32 (36)	1.0		0.9 - 1.1
		Day 57	2020-09-01 08:44 (27)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-23 09:46 (-9)	11.8		9.4 - 12.5
		Day 29	2020-08-06 11:32 (36)	12.6 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
		Day 57	2020-09-01 08:44 (27)	12.6 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
US2081113	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-24 09:19 (-14)	41.6 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
		Unscheduled	2020-07-03 11:05 (-5)	33.7		25.1 - 36.5
		Day 29	2020-08-10 09:17 (34)	37.4 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
		Day 57	2020-09-08 08:29 (30)	34.1		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081113	Prothrombin Intl. Normalized Ratio	Screening	2020-06-24 09:19 (-14)	1.0		0.9 - 1.1
		Unscheduled	2020-07-03 11:05 (-5)	1.0		0.9 - 1.1
		Day 29	2020-08-10 09:17 (34)	1.0		0.9 - 1.1
		Day 57	2020-09-08 08:29 (30)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-24 09:19 (-14)	11.2		9.4 - 12.5
		Unscheduled	2020-07-03 11:05 (-5)	11.7		9.4 - 12.5
		Day 29	2020-08-10 09:17 (34)	12.0		9.4 - 12.5
		Day 57	2020-09-08 08:29 (30)	10.9		9.4 - 12.5
US2081119	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-24 13:30 (-12)	36.7 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
		Day 29	2020-08-11 07:10 (37)	37.0 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081119	Activated Partial Thromboplastin Time (sec)	Day 57	2020-09-08 10:44 (29)	29.6		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-24 13:30 (-12)	1.0		0.9 - 1.1
		Day 29	2020-08-11 07:10 (37)	1.0		0.9 - 1.1
		Day 57	2020-09-08 10:44 (29)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-24 13:30 (-12)	11.9		9.4 - 12.5
		Day 29	2020-08-11 07:10 (37)	12.2		9.4 - 12.5
		Day 57	2020-09-08 10:44 (29)	11.7		9.4 - 12.5
US2081125	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-25 10:39 (-7)	29.8		25.1 - 36.5
		Day 29	2020-08-03 13:15 (33)	26.7		25.1 - 36.5
		Day 57	2020-08-31 12:25 (29)	26.0		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-25 10:39 (-7)	1.0		0.9 - 1.1
		Day 29	2020-08-03 13:15 (33)	1.0		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081125	Prothrombin Intl. Normalized Ratio	Day 57	2020-08-31 12:25 (29)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-25 10:39 (-7)	11.9		9.4 - 12.5
		Day 29	2020-08-03 13:15 (33)	12.1		9.4 - 12.5
		Day 57	2020-08-31 12:25 (29)	11.2		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011012	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-26 16:08 (-6)	30.6		25.1 - 36.5
		Day 29	2020-06-30 14:05 (30)	31.0		25.1 - 36.5
		Day 57	2020-07-31 14:03 (32)	35.3		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-26 16:08 (-6)	0.9		0.9 - 1.1
		Day 29	2020-06-30 14:05 (30)	0.9		0.9 - 1.1
		Day 57	2020-07-31 14:03 (32)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-26 16:08 (-6)	10.4		9.4 - 12.5
		Day 29	2020-06-30 14:05 (30)	10.8		9.4 - 12.5
		Day 57	2020-07-31 14:03 (32)	12.3		9.4 - 12.5
US2011014	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-26 16:21 (-6)	29.9		25.1 - 36.5
		Day 29	2020-06-29 07:34 (29)	29.7		25.1 - 36.5
		Day 57	2020-07-29 12:55 (31)	25.8		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011014	Prothrombin Intl. Normalized Ratio	Screening	2020-05-26 16:21 (-6)	0.9		0.9 - 1.1
		Day 29	2020-06-29 07:34 (29)	0.9		0.9 - 1.1
		Day 57	2020-07-29 12:55 (31)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-26 16:21 (-6)	10.4		9.4 - 12.5
		Day 29	2020-06-29 07:34 (29)	10.4		9.4 - 12.5
		Day 57	2020-07-29 12:55 (31)	11.9		9.4 - 12.5
US2011032	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-27 10:28 (-6)	34.1		25.1 - 36.5
		Day 29	2020-07-01 12:00 (30)	33.4		25.1 - 36.5
		Day 57	2020-07-29 13:12 (29)	32.9		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-27 10:28 (-6)	0.9		0.9 - 1.1
		Day 29	2020-07-01 12:00 (30)	0.9		0.9 - 1.1
		Day 57	2020-07-29 13:12 (29)	0.9		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011032	Prothrombin Time (sec)	Screening	2020-05-27 10:28 (-6)	10.8		9.4 - 12.5
		Day 29	2020-07-01 12:00 (30)	10.7		9.4 - 12.5
		Day 57	2020-07-29 13:12 (29)	11.2		9.4 - 12.5
US2011040	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-27 14:08 (-5)	33.0		25.1 - 36.5
		Day 29	2020-06-29 09:23 (29)	34.5		25.1 - 36.5
		Day 57	2020-07-28 09:45 (30)	30.8		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-27 14:08 (-5)	1.0		0.9 - 1.1
		Day 29	2020-06-29 09:23 (29)	1.1		0.9 - 1.1
		Day 57	2020-07-28 09:45 (30)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-27 14:08 (-5)	11.5		9.4 - 12.5
		Day 29	2020-06-29 09:23 (29)	12.2		9.4 - 12.5
		Day 57	2020-07-28 09:45 (30)	11.3		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011117	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-12 15:55 (-14)	33.7		25.1 - 36.5
		Day 29	2020-07-24 08:20 (29)	32.9		25.1 - 36.5
		Day 57	2020-08-21 08:01 (29)	39.6 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-12 15:55 (-14)	1.0		0.9 - 1.1
		Day 29	2020-07-24 08:20 (29)	1.0		0.9 - 1.1
		Day 57	2020-08-21 08:01 (29)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-12 15:55 (-14)	11.3		9.4 - 12.5
		Day 29	2020-07-24 08:20 (29)	11.3		9.4 - 12.5
		Day 57	2020-08-21 08:01 (29)	11.9		9.4 - 12.5
US2011123	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-17 12:55 (-9)	32.0		25.1 - 36.5
		Day 29	2020-07-24 15:25 (29)	34.3		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011123	Activated Partial Thromboplastin Time (sec)	Day 57	2020-08-21 13:49 (29)	29.8		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-17 12:55 (-9)	0.9		0.9 - 1.1
		Day 29	2020-07-24 15:25 (29)	1.1		0.9 - 1.1
		Day 57	2020-08-21 13:49 (29)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-17 12:55 (-9)	10.5		9.4 - 12.5
		Day 29	2020-07-24 15:25 (29)	12.2		9.4 - 12.5
		Day 57	2020-08-21 13:49 (29)	11.4		9.4 - 12.5
US2011125	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-17 15:16 (-15)	30.6		25.1 - 36.5
		Day 29	2020-07-29 14:22 (28)	27.9		25.1 - 36.5
		Day 57	2020-08-28 08:18 (31)	31.1		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-17 15:16 (-15)	0.9		0.9 - 1.1
		Day 29	2020-07-29 14:22 (28)	1.0		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011125	Prothrombin Intl. Normalized Ratio	Day 57	2020-08-28 08:18 (31)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-17 15:16 (-15)	10.9		9.4 - 12.5
		Day 29	2020-07-29 14:22 (28)	12.1		9.4 - 12.5
		Day 57	2020-08-28 08:18 (31)	12.2		9.4 - 12.5
US2011127	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-18 10:14 (-8)	29.0		25.1 - 36.5
		Day 29	2020-07-24 12:10 (29)	28.8		25.1 - 36.5
		Day 57	2020-08-21 14:16 (29)	30.7		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-18 10:14 (-8)	0.9		0.9 - 1.1
		Day 29	2020-07-24 12:10 (29)	1.0		0.9 - 1.1
		Day 57	2020-08-21 14:16 (29)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-18 10:14 (-8)	10.8		9.4 - 12.5
		Day 29	2020-07-24 12:10 (29)	11.5		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011127	Prothrombin Time (sec)	Day 57	2020-08-21 14:16 (29)	12.4		9.4 - 12.5
US2011137	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-22 08:13 (-4)	31.7		25.1 - 36.5
		Day 29	2020-07-24 07:50 (29)	30.9		25.1 - 36.5
		Day 57	2020-08-19 07:46 (27)	34.0		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-22 08:13 (-4)	0.9		0.9 - 1.1
		Day 29	2020-07-24 07:50 (29)	0.9		0.9 - 1.1
		Day 57	2020-08-19 07:46 (27)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-22 08:13 (-4)	10.7		9.4 - 12.5
		Day 29	2020-07-24 07:50 (29)	10.9		9.4 - 12.5
		Day 57	2020-08-19 07:46 (27)	11.8		9.4 - 12.5
US2011138	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-22 11:02 (-5)	31.6		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011138	Activated Partial Thromboplastin Time (sec)	Day 29	2020-07-27 09:11 (31)	29.2		25.1 - 36.5
		Day 57	2020-08-26 08:35 (31)	27.0		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-22 11:02 (-5)	0.9		0.9 - 1.1
		Day 29	2020-07-27 09:11 (31)	0.9		0.9 - 1.1
		Day 57	2020-08-26 08:35 (31)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-22 11:02 (-5)	10.7		9.4 - 12.5
		Day 29	2020-07-27 09:11 (31)	10.6		9.4 - 12.5
		Day 57	2020-08-26 08:35 (31)	11.3		9.4 - 12.5
US2011153	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-25 12:48 (-4)	31.9		25.1 - 36.5
		Day 29	2020-07-27 13:17 (29)	32.1		25.1 - 36.5
		Day 57	2020-08-24 13:13 (29)	31.0		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-25 12:48 (-4)	1.0		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011153	Prothrombin Intl. Normalized Ratio	Day 29	2020-07-27 13:17 (29)	1.1		0.9 - 1.1
		Day 57	2020-08-24 13:13 (29)	1.1		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-25 12:48 (-4)	11.9		9.4 - 12.5
		Day 29	2020-07-27 13:17 (29)	12.6 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
		Day 57	2020-08-24 13:13 (29)	13.0 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
US2021004	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-26 09:52 (-3)	33.8		25.1 - 36.5
		Day 29	2020-06-26 08:57 (29)	35.4		25.1 - 36.5
		Day 57	2020-07-24 09:21 (29)	29.9		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-26 09:52 (-3)	1.0		0.9 - 1.1
		Day 29	2020-06-26 08:57 (29)	0.9		0.9 - 1.1
		Day 57	2020-07-24 09:21 (29)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-26 09:52 (-3)	11.3		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021004	Prothrombin Time (sec)	Day 29	2020-06-26 08:57 (29)	10.9		9.4 - 12.5
		Day 57	2020-07-24 09:21 (29)	10.6		9.4 - 12.5
US2021012	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-26 11:57 (-6)	30.9		25.1 - 36.5
		Day 29	2020-06-29 09:43 (29)	35.2		25.1 - 36.5
		Day 57	2020-07-27 12:27 (29)	29.8		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-26 11:57 (-6)	1.0		0.9 - 1.1
		Day 29	2020-06-29 09:43 (29)	1.0		0.9 - 1.1
		Day 57	2020-07-27 12:27 (29)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-26 11:57 (-6)	11.5		9.4 - 12.5
		Day 29	2020-06-29 09:43 (29)	11.5		9.4 - 12.5
		Day 57	2020-07-27 12:27 (29)	11.6		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021018	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-26 13:54 (-3)	36.0		25.1 - 36.5
		Day 29	2020-07-13 13:29 (46)	30.4		25.1 - 36.5
		Day 57	2020-08-11 14:10 (30)	28.1		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-26 13:54 (-3)	1.0		0.9 - 1.1
		Day 29	2020-07-13 13:29 (46)	1.0		0.9 - 1.1
		Day 57	2020-08-11 14:10 (30)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-26 13:54 (-3)	11.1		9.4 - 12.5
		Day 29	2020-07-13 13:29 (46)	11.2		9.4 - 12.5
		Day 57	2020-08-11 14:10 (30)	11.2		9.4 - 12.5
US2021019	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-26 15:10 (-3)	32.8		25.1 - 36.5
		Day 29	2020-07-02 16:16 (35)	38.1 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021019	Activated Partial Thromboplastin Time (sec)	Day 57	2020-07-31 11:20 (30)	29.5		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-26 15:10 (-3)	1.0		0.9 - 1.1
		Day 29	2020-07-02 16:16 (35)	1.1		0.9 - 1.1
		Day 57	2020-07-31 11:20 (30)	1.1		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-26 15:10 (-3)	11.6		9.4 - 12.5
		Day 29	2020-07-02 16:16 (35)	12.6 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
		Day 57	2020-07-31 11:20 (30)	12.9 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
US2021020	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-26 14:18 (-6)	34.0		25.1 - 36.5
		Day 29	2020-06-30 10:24 (30)	37.4 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
		Day 57	2020-07-29 12:20 (30)	31.3		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-26 14:18 (-6)	1.0		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021020	Prothrombin Intl. Normalized Ratio	Day 29	2020-06-30 10:24 (30)	1.0		0.9 - 1.1
		Day 57	2020-07-29 12:20 (30)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-26 14:18 (-6)	11.9		9.4 - 12.5
		Day 29	2020-06-30 10:24 (30)	11.9		9.4 - 12.5
		Day 57	2020-07-29 12:20 (30)	12.4		9.4 - 12.5
US2021045	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-27 10:46 (-5)	34.6		25.1 - 36.5
		Day 29	2020-06-29 14:46 (29)	39.3 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
		Day 57	2020-08-03 14:45 (36)	28.3		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-27 10:46 (-5)	0.9		0.9 - 1.1
		Day 29	2020-06-29 14:46 (29)	1.0		0.9 - 1.1
		Day 57	2020-08-03 14:45 (36)	0.9		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021045	Prothrombin Time (sec)	Screening	2020-05-27 10:46 (-5)	10.6		9.4 - 12.5
		Day 29	2020-06-29 14:46 (29)	11.6		9.4 - 12.5
		Day 57	2020-08-03 14:45 (36)	10.8		9.4 - 12.5
US2021047	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-27 15:38 (-5)	32.6		25.1 - 36.5
		Day 29	2020-06-29 13:47 (29)	33.0		25.1 - 36.5
		Day 57	2020-07-24 13:45 (26)	27.3		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-27 15:38 (-5)	1.0		0.9 - 1.1
		Day 29	2020-06-29 13:47 (29)	1.0		0.9 - 1.1
		Day 57	2020-07-24 13:45 (26)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-27 15:38 (-5)	11.2		9.4 - 12.5
		Day 29	2020-06-29 13:47 (29)	11.4		9.4 - 12.5
		Day 57	2020-07-24 13:45 (26)	11.0		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021133	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-01 11:53 (-25)	36.1		25.1 - 36.5
		Day 29	2020-07-29 12:23 (34)	25.8		25.1 - 36.5
		Day 57	2020-08-27 12:21 (30)	24.7 (L)		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-01 11:53 (-25)	1.0		0.9 - 1.1
		Day 29	2020-07-29 12:23 (34)	0.9		0.9 - 1.1
		Day 57	2020-08-27 12:21 (30)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-01 11:53 (-25)	11.8		9.4 - 12.5
		Day 29	2020-07-29 12:23 (34)	11.0		9.4 - 12.5
		Day 57	2020-08-27 12:21 (30)	11.2		9.4 - 12.5
US2021190	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-11 13:24 (-15)	36.4		25.1 - 36.5
		Day 29	2020-07-29 14:29 (34)	29.4		25.1 - 36.5
		Day 57	2020-08-25 14:28 (28)	32.8		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021190	Prothrombin Intl. Normalized Ratio	Screening	2020-06-11 13:24 (-15)	0.9		0.9 - 1.1
		Day 29	2020-07-29 14:29 (34)	0.9		0.9 - 1.1
		Day 57	2020-08-25 14:28 (28)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-11 13:24 (-15)	10.9		9.4 - 12.5
		Day 29	2020-07-29 14:29 (34)	11.5		9.4 - 12.5
		Day 57	2020-08-25 14:28 (28)	11.8		9.4 - 12.5
US2021192	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-12 09:32 (-14)	34.9		25.1 - 36.5
		Day 29	2020-07-27 09:40 (32)	34.8		25.1 - 36.5
		Day 57	2020-08-21 08:42 (26)	38.2 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-12 09:32 (-14)	1.0		0.9 - 1.1
		Day 29	2020-07-27 09:40 (32)	1.0		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021192	Prothrombin Intl. Normalized Ratio	Day 57	2020-08-21 08:42 (26)	1.1		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-12 09:32 (-14)	11.2		9.4 - 12.5
		Day 29	2020-07-27 09:40 (32)	12.2		9.4 - 12.5
		Day 57	2020-08-21 08:42 (26)	12.9 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
US2021205	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-17 09:31 (-9)	32.1		25.1 - 36.5
		Day 57	2020-08-25 09:13 (26)	31.7		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-17 09:31 (-9)	0.8 (L)		0.9 - 1.1
		Day 57	2020-08-25 09:13 (26)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-17 09:31 (-9)	9.4		9.4 - 12.5
		Day 57	2020-08-25 09:13 (26)	11.4		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021216	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-19 08:57 (-13)	37.9 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
		Unscheduled	2020-06-26 08:32 (-6)	33.1		25.1 - 36.5
		Day 29	2020-08-03 13:58 (33)	29.7		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-19 08:57 (-13)	1.1		0.9 - 1.1
		Unscheduled	2020-06-26 08:32 (-6)	0.9		0.9 - 1.1
		Day 29	2020-08-03 13:58 (33)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-19 08:57 (-13)	12.2		9.4 - 12.5
		Unscheduled	2020-06-26 08:32 (-6)	10.9		9.4 - 12.5
		Day 29	2020-08-03 13:58 (33)	10.7		9.4 - 12.5
US2021217	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-19 11:49 (-10)	43.9 (H)	G2 Activated Partial Thromboplastin Time Increased	25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021217	Activated Partial Thromboplastin Time (sec)	Unscheduled	2020-06-23 11:30 (-6)	31.9		25.1 - 36.5
		Day 29	2020-07-29 12:58 (31)	29.1		25.1 - 36.5
		Day 57	2020-08-26 12:48 (29)	36.7 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-19 11:49 (-10)	1.1		0.9 - 1.1
		Unscheduled	2020-06-23 11:30 (-6)	0.9		0.9 - 1.1
		Day 29	2020-07-29 12:58 (31)	0.9		0.9 - 1.1
		Day 57	2020-08-26 12:48 (29)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-19 11:49 (-10)	12.2		9.4 - 12.5
		Unscheduled	2020-06-23 11:30 (-6)	11.0		9.4 - 12.5
		Day 29	2020-07-29 12:58 (31)	10.5		9.4 - 12.5
		Day 57	2020-08-26 12:48 (29)	12.4		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021220	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-24 12:22 (-5)	30.7		25.1 - 36.5
		Day 29	2020-07-29 13:20 (31)	31.5		25.1 - 36.5
		Day 57	2020-08-25 13:34 (28)	29.8		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-24 12:22 (-5)	0.9		0.9 - 1.1
		Day 29	2020-07-29 13:20 (31)	0.9		0.9 - 1.1
		Day 57	2020-08-25 13:34 (28)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-24 12:22 (-5)	10.8		9.4 - 12.5
		Day 29	2020-07-29 13:20 (31)	11.2		9.4 - 12.5
		Day 57	2020-08-25 13:34 (28)	12.2		9.4 - 12.5
US2021226	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-30 16:31 (-6)	35.1		25.1 - 36.5
		Day 29	2020-08-04 10:04 (30)	28.3		25.1 - 36.5
		Day 57	2020-09-03 15:00 (31)	31.0		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021226	Prothrombin Intl. Normalized Ratio	Screening	2020-06-30 16:31 (-6)	0.9		0.9 - 1.1
		Day 29	2020-08-04 10:04 (30)	0.8 (L)		0.9 - 1.1
		Day 57	2020-09-03 15:00 (31)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-30 16:31 (-6)	11.0		9.4 - 12.5
		Day 29	2020-08-04 10:04 (30)	10.1		9.4 - 12.5
		Day 57	2020-09-03 15:00 (31)	11.7		9.4 - 12.5
US2031086	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-08 10:15 (-18)	31.6		25.1 - 36.5
		Day 29	2020-07-27 11:18 (32)	30.2		25.1 - 36.5
		Day 57	2020-08-24 08:24 (29)	32.2		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-08 10:15 (-18)	1.1		0.9 - 1.1
		Day 29	2020-07-27 11:18 (32)	1.0		0.9 - 1.1
		Day 57	2020-08-24 08:24 (29)	1.0		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031086	Prothrombin Time (sec)	Screening	2020-06-08 10:15 (-18)	12.4		9.4 - 12.5
		Day 29	2020-07-27 11:18 (32)	12.0		9.4 - 12.5
		Day 57	2020-08-24 08:24 (29)	12.2		9.4 - 12.5
US2031096	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-09 10:56 (-17)	33.2		25.1 - 36.5
		Day 29	2020-07-27 11:28 (32)	26.2		25.1 - 36.5
		Day 57	2020-08-24 09:27 (29)	31.7		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-09 10:56 (-17)	1.0		0.9 - 1.1
		Day 29	2020-07-27 11:28 (32)	0.9		0.9 - 1.1
		Day 57	2020-08-24 09:27 (29)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-09 10:56 (-17)	11.2		9.4 - 12.5
		Day 29	2020-07-27 11:28 (32)	10.4		9.4 - 12.5
		Day 57	2020-08-24 09:27 (29)	10.6		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031097	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-09 11:38 (-21)	27.9		25.1 - 36.5
		Unscheduled	2020-06-16 10:30 (-14)	28.3		25.1 - 36.5
		Day 29	2020-08-03 15:40 (35)	28.2		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-09 11:38 (-21)	1.0		0.9 - 1.1
		Unscheduled	2020-06-16 10:30 (-14)	1.0		0.9 - 1.1
		Day 29	2020-08-03 15:40 (35)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-09 11:38 (-21)	11.3		9.4 - 12.5
		Unscheduled	2020-06-16 10:30 (-14)	12.0		9.4 - 12.5
		Day 29	2020-08-03 15:40 (35)	12.0		9.4 - 12.5
US2031104	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-10 09:00 (-16)	34.8		25.1 - 36.5
		Day 29	2020-07-31 12:26 (36)	31.7		25.1 - 36.5
		Day 57	2020-08-25 08:38 (26)	30.4		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031104	Prothrombin Intl. Normalized Ratio	Screening	2020-06-10 09:00 (-16)	0.9		0.9 - 1.1
		Day 29	2020-07-31 12:26 (36)	0.9		0.9 - 1.1
		Day 57	2020-08-25 08:38 (26)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-10 09:00 (-16)	10.7		9.4 - 12.5
		Day 29	2020-07-31 12:26 (36)	11.2		9.4 - 12.5
		Day 57	2020-08-25 08:38 (26)	11.3		9.4 - 12.5
US2031105	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-10 11:23 (-16)	32.8		25.1 - 36.5
		Day 29	2020-07-28 08:12 (33)	27.0		25.1 - 36.5
		Day 57	2020-08-24 08:00 (28)	28.8		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-10 11:23 (-16)	0.9		0.9 - 1.1
		Day 29	2020-07-28 08:12 (33)	0.9		0.9 - 1.1
		Day 57	2020-08-24 08:00 (28)	0.9		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031105	Prothrombin Time (sec)	Screening	2020-06-10 11:23 (-16)	10.9		9.4 - 12.5
		Day 29	2020-07-28 08:12 (33)	11.1		9.4 - 12.5
		Day 57	2020-08-24 08:00 (28)	10.6		9.4 - 12.5
US2031106	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-10 14:10 (-16)	33.0		25.1 - 36.5
		Unscheduled	2020-08-07 12:07 (10)	36.2		25.1 - 36.5
		Day 57	2020-08-27 11:15 (30)	28.6		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-10 14:10 (-16)	1.0		0.9 - 1.1
		Day 29	2020-07-29 16:34 (34)	1.6 (H)		0.9 - 1.1
		Unscheduled	2020-08-07 12:07 (10)	1.1		0.9 - 1.1
		Day 57	2020-08-27 11:15 (30)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-10 14:10 (-16)	11.4		9.4 - 12.5
		Day 29	2020-07-29 16:34 (34)	20.2 (H)	G4 Prothrombin Time Increased	9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031106	Prothrombin Time (sec)	Unscheduled	2020-08-07 12:07 (10)	13.0 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
		Day 57	2020-08-27 11:15 (30)	12.3		9.4 - 12.5
US2031107	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-10 14:30 (-19)	28.1		25.1 - 36.5
		Day 29	2020-07-27 12:15 (29)	26.5		25.1 - 36.5
		Day 57	2020-09-02 08:18 (38)	19.2 (L)		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-10 14:30 (-19)	0.9		0.9 - 1.1
		Day 29	2020-07-27 12:15 (29)	0.8 (L)		0.9 - 1.1
		Day 57	2020-09-02 08:18 (38)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-10 14:30 (-19)	10.7		9.4 - 12.5
		Day 29	2020-07-27 12:15 (29)	10.1		9.4 - 12.5
		Day 57	2020-09-02 08:18 (38)	11.4		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031108	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-10 14:49 (-26)	31.3		25.1 - 36.5
		Day 57	2020-08-28 08:12 (26)	28.6		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-10 14:49 (-26)	0.9		0.9 - 1.1
		Day 57	2020-08-28 08:12 (26)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-10 14:49 (-26)	10.7		9.4 - 12.5
		Day 57	2020-08-28 08:12 (26)	11.3		9.4 - 12.5
US2031109	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-10 15:08 (-16)	34.3		25.1 - 36.5
		Day 29	2020-07-27 10:20 (32)	31.9		25.1 - 36.5
		Day 57	2020-08-24 09:11 (29)	31.2		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-10 15:08 (-16)	1.0		0.9 - 1.1
		Day 29	2020-07-27 10:20 (32)	1.0		0.9 - 1.1
		Day 57	2020-08-24 09:11 (29)	1.0		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031109	Prothrombin Time (sec)	Screening	2020-06-10 15:08 (-16)	11.8		9.4 - 12.5
		Day 29	2020-07-27 10:20 (32)	11.5		9.4 - 12.5
		Day 57	2020-08-24 09:11 (29)	11.6		9.4 - 12.5
US2031114	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-11 08:24 (-20)	33.2		25.1 - 36.5
		Day 29	2020-07-29 08:34 (29)	31.1		25.1 - 36.5
		Day 57	2020-08-27 08:07 (30)	33.3		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-11 08:24 (-20)	1.0		0.9 - 1.1
		Day 29	2020-07-29 08:34 (29)	1.0		0.9 - 1.1
		Day 57	2020-08-27 08:07 (30)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-11 08:24 (-20)	12.1		9.4 - 12.5
		Day 29	2020-07-29 08:34 (29)	11.9		9.4 - 12.5
		Day 57	2020-08-27 08:07 (30)	11.9		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031121	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-12 14:02 (-18)	42.8 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
		Unscheduled	2020-06-16 12:50 (-14)	33.0		25.1 - 36.5
		Day 29	2020-07-28 13:37 (29)	34.1		25.1 - 36.5
		Day 57	2020-08-24 13:23 (28)	33.2		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-12 14:02 (-18)	0.9		0.9 - 1.1
		Unscheduled	2020-06-16 12:50 (-14)	0.9		0.9 - 1.1
		Day 29	2020-07-28 13:37 (29)	0.9		0.9 - 1.1
		Day 57	2020-08-24 13:23 (28)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-12 14:02 (-18)	11.0		9.4 - 12.5
		Unscheduled	2020-06-16 12:50 (-14)	11.0		9.4 - 12.5
		Day 29	2020-07-28 13:37 (29)	10.7		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031121	Prothrombin Time (sec)	Day 57	2020-08-24 13:23 (28)	11.6		9.4 - 12.5
US2031128	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-23 13:54 (-8)	29.6		25.1 - 36.5
		Day 29	2020-07-29 12:44 (29)	24.0 (L)		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-23 13:54 (-8)	0.9		0.9 - 1.1
		Day 29	2020-07-29 12:44 (29)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-23 13:54 (-8)	10.9		9.4 - 12.5
		Day 29	2020-07-29 12:44 (29)	11.3		9.4 - 12.5
US2041094	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-08 15:28 (-18)	30.7		25.1 - 36.5
		Day 57	2020-08-20 13:36 (28)	30.4		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-08 15:28 (-18)	0.9		0.9 - 1.1
		Day 57	2020-08-20 13:36 (28)	0.9		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041094	Prothrombin Time (sec)	Screening	2020-06-08 15:28 (-18)	10.7		9.4 - 12.5
		Day 57	2020-08-20 13:36 (28)	10.9		9.4 - 12.5
US2041100	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-10 08:12 (-19)	32.1		25.1 - 36.5
		Day 29	2020-07-28 07:42 (30)	29.2		25.1 - 36.5
		Day 57	2020-08-25 07:11 (29)	26.9		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-10 08:12 (-19)	0.9		0.9 - 1.1
		Day 29	2020-07-28 07:42 (30)	0.9		0.9 - 1.1
		Day 57	2020-08-25 07:11 (29)	0.8 (L)		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-10 08:12 (-19)	11.0		9.4 - 12.5
		Day 29	2020-07-28 07:42 (30)	10.8		9.4 - 12.5
		Day 57	2020-08-25 07:11 (29)	10.3		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041103	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-10 11:21 (-16)	32.4		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-10 11:21 (-16)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-10 11:21 (-16)	11.6		9.4 - 12.5
US2041104	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-10 10:52 (-16)	32.5		25.1 - 36.5
		Day 57	2020-08-18 09:43 (26)	31.5		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-10 10:52 (-16)	1.0		0.9 - 1.1
		Day 57	2020-08-18 09:43 (26)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-10 10:52 (-16)	12.0		9.4 - 12.5
		Day 57	2020-08-18 09:43 (26)	12.0		9.4 - 12.5
US2041106	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-11 09:02 (-15)	27.8		25.1 - 36.5
		Day 29	2020-07-28 10:58 (33)	27.0		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041106	Prothrombin Intl. Normalized Ratio	Screening	2020-06-11 09:02 (-15)	1.0		0.9 - 1.1
		Day 29	2020-07-28 10:58 (33)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-11 09:02 (-15)	11.3		9.4 - 12.5
		Day 29	2020-07-28 10:58 (33)	11.7		9.4 - 12.5
US2041109	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-11 10:10 (-15)	27.8		25.1 - 36.5
		Day 29	2020-07-27 11:19 (32)	24.4 (L)		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-11 10:10 (-15)	0.9		0.9 - 1.1
		Day 29	2020-07-27 11:19 (32)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-11 10:10 (-15)	10.1		9.4 - 12.5
		Day 29	2020-07-27 11:19 (32)	10.4		9.4 - 12.5
US2041111	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-11 10:38 (-18)	26.9		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041111	Activated Partial Thromboplastin Time (sec)	Day 29	2020-07-27 13:40 (29)	24.1 (L)		25.1 - 36.5
		Day 57	2020-08-27 11:11 (32)	24.5 (L)		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-11 10:38 (-18)	0.9		0.9 - 1.1
		Day 29	2020-07-27 13:40 (29)	0.9		0.9 - 1.1
		Day 57	2020-08-27 11:11 (32)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-11 10:38 (-18)	10.3		9.4 - 12.5
		Day 29	2020-07-27 13:40 (29)	11.1		9.4 - 12.5
		Day 57	2020-08-27 11:11 (32)	10.6		9.4 - 12.5
US2041113	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-11 12:07 (-19)	28.7		25.1 - 36.5
		Day 29	2020-07-28 13:51 (29)	26.0		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-11 12:07 (-19)	0.9		0.9 - 1.1
		Day 29	2020-07-28 13:51 (29)	1.0		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041113	Prothrombin Time (sec)	Screening	2020-06-11 12:07 (-19)	11.0		9.4 - 12.5
		Day 29	2020-07-28 13:51 (29)	12.0		9.4 - 12.5
US2041118	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-11 15:26 (-18)	31.3		25.1 - 36.5
		Day 29	2020-07-28 13:22 (30)	32.2		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-11 15:26 (-18)	0.9		0.9 - 1.1
		Day 29	2020-07-28 13:22 (30)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-11 15:26 (-18)	10.8		9.4 - 12.5
		Day 29	2020-07-28 13:22 (30)	11.4		9.4 - 12.5
US2041119	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-11 16:36 (-25)	31.2		25.1 - 36.5
		Day 29	2020-08-04 09:40 (30)	27.1		25.1 - 36.5
		Day 57	2020-09-01 09:23 (29)	28.4		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041119	Prothrombin Intl. Normalized Ratio	Screening	2020-06-11 16:36 (-25)	1.0		0.9 - 1.1
		Day 29	2020-08-04 09:40 (30)	1.0		0.9 - 1.1
		Day 57	2020-09-01 09:23 (29)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-11 16:36 (-25)	12.1		9.4 - 12.5
		Day 29	2020-08-04 09:40 (30)	11.6		9.4 - 12.5
		Day 57	2020-09-01 09:23 (29)	12.7 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
US2041127	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-12 12:15 (-14)	31.4		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-12 12:15 (-14)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-12 12:15 (-14)	12.0		9.4 - 12.5
US2041130	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-15 09:26 (-11)	30.7		25.1 - 36.5
		Day 57	2020-08-18 11:19 (26)	34.0		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041130	Prothrombin Intl. Normalized Ratio	Screening	2020-06-15 09:26 (-11)	0.9		0.9 - 1.1
		Day 57	2020-08-18 11:19 (26)	1.1		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-15 09:26 (-11)	11.0		9.4 - 12.5
		Day 57	2020-08-18 11:19 (26)	13.7 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
US2041139	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-16 10:49 (-13)	28.7		25.1 - 36.5
		Day 29	2020-07-28 10:51 (30)	27.9		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-16 10:49 (-13)	1.0		0.9 - 1.1
		Day 29	2020-07-28 10:51 (30)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-16 10:49 (-13)	11.1		9.4 - 12.5
		Day 29	2020-07-28 10:51 (30)	12.0		9.4 - 12.5
US2041145	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-17 09:37 (-15)	32.4		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041145	Activated Partial Thromboplastin Time (sec)	Day 29	2020-07-31 08:40 (30)	33.3		25.1 - 36.5
		Day 57	2020-08-28 08:38 (29)	30.1		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-17 09:37 (-15)	0.8 (L)		0.9 - 1.1
		Day 29	2020-07-31 08:40 (30)	1.0		0.9 - 1.1
		Day 57	2020-08-28 08:38 (29)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-17 09:37 (-15)	9.7		9.4 - 12.5
		Day 29	2020-07-31 08:40 (30)	11.6		9.4 - 12.5
		Day 57	2020-08-28 08:38 (29)	11.4		9.4 - 12.5
US2041150	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-18 10:55 (-13)	28.4		25.1 - 36.5
		Day 29	2020-08-03 09:17 (34)	30.7		25.1 - 36.5
		Day 57	2020-09-02 11:24 (31)	26.3		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-18 10:55 (-13)	1.0		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041150	Prothrombin Intl. Normalized Ratio	Day 29	2020-08-03 09:17 (34)	1.1		0.9 - 1.1
		Day 57	2020-09-02 11:24 (31)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-18 10:55 (-13)	11.8		9.4 - 12.5
		Day 29	2020-08-03 09:17 (34)	13.0 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
		Day 57	2020-09-02 11:24 (31)	12.5		9.4 - 12.5
US2041155	Activated Partial Thromboplastin Time (sec)	Unscheduled	2020-07-02 15:18 (-4)	30.3		25.1 - 36.5
		Day 29	2020-08-03 13:55 (29)	29.3		25.1 - 36.5
		Day 57	2020-08-31 13:46 (29)	31.6		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-29 14:37 (-7)	1.1		0.9 - 1.1
		Unscheduled	2020-07-02 15:18 (-4)	1.0		0.9 - 1.1
		Day 29	2020-08-03 13:55 (29)	1.0		0.9 - 1.1
		Day 57	2020-08-31 13:46 (29)	1.0		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041155	Prothrombin Time (sec)	Screening	2020-06-29 14:37 (-7)	12.6 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
		Unscheduled	2020-07-02 15:18 (-4)	11.5		9.4 - 12.5
		Day 29	2020-08-03 13:55 (29)	11.9		9.4 - 12.5
		Day 57	2020-08-31 13:46 (29)	12.1		9.4 - 12.5
US2051057	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-15 10:57 (-11)	27.0		25.1 - 36.5
		Day 29	2020-07-24 08:31 (29)	27.4		25.1 - 36.5
		Day 57	2020-08-24 08:12 (32)	25.8		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-15 10:57 (-11)	0.9		0.9 - 1.1
		Day 29	2020-07-24 08:31 (29)	0.9		0.9 - 1.1
		Day 57	2020-08-24 08:12 (32)	0.8 (L)		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-15 10:57 (-11)	10.1		9.4 - 12.5
		Day 29	2020-07-24 08:31 (29)	10.6		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051057	Prothrombin Time (sec)	Day 57	2020-08-24 08:12 (32)	10.1		9.4 - 12.5
US2051059	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-15 15:04 (-11)	29.6		25.1 - 36.5
		Day 29	2020-07-27 12:42 (32)	27.8		25.1 - 36.5
		Day 57	2020-08-18 15:07 (23)	27.5		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-15 15:04 (-11)	0.9		0.9 - 1.1
		Day 29	2020-07-27 12:42 (32)	0.9		0.9 - 1.1
		Day 57	2020-08-18 15:07 (23)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-15 15:04 (-11)	10.5		9.4 - 12.5
		Day 29	2020-07-27 12:42 (32)	11.2		9.4 - 12.5
		Day 57	2020-08-18 15:07 (23)	10.9		9.4 - 12.5
US2051060	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-16 09:25 (-10)	31.9		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051060	Activated Partial Thromboplastin Time (sec)	Day 29	2020-07-28 09:15 (33)	28.3		25.1 - 36.5
		Day 57	2020-08-24 12:55 (28)	28.5		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-16 09:25 (-10)	0.9		0.9 - 1.1
		Day 29	2020-07-28 09:15 (33)	0.9		0.9 - 1.1
		Day 57	2020-08-24 12:55 (28)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-16 09:25 (-10)	10.9		9.4 - 12.5
		Day 29	2020-07-28 09:15 (33)	11.0		9.4 - 12.5
		Day 57	2020-08-24 12:55 (28)	10.9		9.4 - 12.5
US2051066	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-17 12:12 (-12)	34.3		25.1 - 36.5
		Day 29	2020-07-27 09:27 (29)	32.1		25.1 - 36.5
		Day 57	2020-08-21 09:20 (26)	31.5		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-17 12:12 (-12)	1.0		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051066	Prothrombin Intl. Normalized Ratio	Day 29	2020-07-27 09:27 (29)	1.0		0.9 - 1.1
		Day 57	2020-08-21 09:20 (26)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-17 12:12 (-12)	11.6		9.4 - 12.5
		Day 29	2020-07-27 09:27 (29)	11.5		9.4 - 12.5
		Day 57	2020-08-21 09:20 (26)	11.4		9.4 - 12.5
US2051068	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-17 15:02 (-13)	34.4		25.1 - 36.5
		Day 29	2020-07-28 12:18 (29)	30.4		25.1 - 36.5
		Day 57	2020-08-25 11:57 (29)	28.6		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-17 15:02 (-13)	1.0		0.9 - 1.1
		Day 29	2020-07-28 12:18 (29)	1.0		0.9 - 1.1
		Day 57	2020-08-25 11:57 (29)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-17 15:02 (-13)	11.4		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051068	Prothrombin Time (sec)	Day 29	2020-07-28 12:18 (29)	11.9		9.4 - 12.5
		Day 57	2020-08-25 11:57 (29)	11.6		9.4 - 12.5
US2051071	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-18 15:26 (-11)	29.8		25.1 - 36.5
		Day 29	2020-07-27 13:33 (29)	27.3		25.1 - 36.5
		Day 57	2020-08-24 13:55 (29)	28.5		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-18 15:26 (-11)	1.0		0.9 - 1.1
		Day 29	2020-07-27 13:33 (29)	1.0		0.9 - 1.1
		Day 57	2020-08-24 13:55 (29)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-18 15:26 (-11)	11.9		9.4 - 12.5
		Day 29	2020-07-27 13:33 (29)	11.9		9.4 - 12.5
		Day 57	2020-08-24 13:55 (29)	11.5		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051078	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-22 09:15 (-8)	33.9		25.1 - 36.5
		Day 29	2020-07-29 08:42 (30)	32.2		25.1 - 36.5
		Day 57	2020-08-24 08:30 (27)	33.4		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-22 09:15 (-8)	1.0		0.9 - 1.1
		Day 29	2020-07-29 08:42 (30)	1.0		0.9 - 1.1
		Day 57	2020-08-24 08:30 (27)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-22 09:15 (-8)	11.2		9.4 - 12.5
		Day 29	2020-07-29 08:42 (30)	11.5		9.4 - 12.5
		Day 57	2020-08-24 08:30 (27)	11.4		9.4 - 12.5
US2051081	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-23 11:43 (-6)	30.3		25.1 - 36.5
		Day 29	2020-07-27 09:38 (29)	30.8		25.1 - 36.5
		Day 57	2020-08-24 09:50 (29)	30.9		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051081	Prothrombin Intl. Normalized Ratio	Screening	2020-06-23 11:43 (-6)	1.0		0.9 - 1.1
		Day 29	2020-07-27 09:38 (29)	1.0		0.9 - 1.1
		Day 57	2020-08-24 09:50 (29)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-23 11:43 (-6)	11.1		9.4 - 12.5
		Day 29	2020-07-27 09:38 (29)	12.1		9.4 - 12.5
		Day 57	2020-08-24 09:50 (29)	11.9		9.4 - 12.5
US2051092	Activated Partial Thromboplastin Time (sec)	Unscheduled	2020-07-01 10:06 (-6)	30.7		25.1 - 36.5
		Day 29	2020-08-06 09:35 (31)	29.0		25.1 - 36.5
		Day 57	2020-09-03 09:20 (29)	28.6		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Unscheduled	2020-07-01 10:06 (-6)	1.0		0.9 - 1.1
		Day 29	2020-08-06 09:35 (31)	1.0		0.9 - 1.1
		Day 57	2020-09-03 09:20 (29)	1.0		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051092	Prothrombin Time (sec)	Unscheduled	2020-07-01 10:06 (-6)	11.8		9.4 - 12.5
		Day 29	2020-08-06 09:35 (31)	12.6 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
		Day 57	2020-09-03 09:20 (29)	12.2		9.4 - 12.5
US2051093	Activated Partial Thromboplastin Time (sec)	Unscheduled	2020-06-30 09:23 (-6)	30.8		25.1 - 36.5
		Day 29	2020-08-04 09:59 (30)	30.2		25.1 - 36.5
		Day 57	2020-09-01 09:21 (29)	30.4		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Unscheduled	2020-06-30 09:23 (-6)	1.0		0.9 - 1.1
		Day 29	2020-08-04 09:59 (30)	0.9		0.9 - 1.1
		Day 57	2020-09-01 09:21 (29)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Unscheduled	2020-06-30 09:23 (-6)	11.2		9.4 - 12.5
		Day 29	2020-08-04 09:59 (30)	10.9		9.4 - 12.5
		Day 57	2020-09-01 09:21 (29)	11.5		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051094	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-29 10:29 (-8)	35.5		25.1 - 36.5
		Day 29	2020-08-04 10:54 (29)	35.1		25.1 - 36.5
		Day 57	2020-09-02 09:48 (30)	32.0		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-29 10:29 (-8)	1.0		0.9 - 1.1
		Day 29	2020-08-04 10:54 (29)	1.0		0.9 - 1.1
		Day 57	2020-09-02 09:48 (30)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-29 10:29 (-8)	11.1		9.4 - 12.5
		Day 29	2020-08-04 10:54 (29)	12.3		9.4 - 12.5
		Day 57	2020-09-02 09:48 (30)	12.1		9.4 - 12.5
US2051095	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-29 12:20 (-3)	33.5		25.1 - 36.5
		Day 29	2020-07-30 11:41 (29)	33.6		25.1 - 36.5
		Day 57	2020-08-26 09:20 (28)	34.9		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051095	Prothrombin Intl. Normalized Ratio	Screening	2020-06-29 12:20 (-3)	1.0		0.9 - 1.1
		Day 29	2020-07-30 11:41 (29)	1.0		0.9 - 1.1
		Day 57	2020-08-26 09:20 (28)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-29 12:20 (-3)	11.4		9.4 - 12.5
		Day 29	2020-07-30 11:41 (29)	12.5		9.4 - 12.5
		Day 57	2020-08-26 09:20 (28)	12.1		9.4 - 12.5
US2051096	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-29 14:08 (-7)	34.2		25.1 - 36.5
		Day 29	2020-08-03 09:30 (29)	34.4		25.1 - 36.5
		Day 57	2020-08-31 09:56 (29)	33.4		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-29 14:08 (-7)	1.0		0.9 - 1.1
		Day 29	2020-08-03 09:30 (29)	1.0		0.9 - 1.1
		Day 57	2020-08-31 09:56 (29)	1.1		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051096	Prothrombin Time (sec)	Screening	2020-06-29 14:08 (-7)	11.5		9.4 - 12.5
		Day 29	2020-08-03 09:30 (29)	11.9		9.4 - 12.5
		Day 57	2020-08-31 09:56 (29)	12.8 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
US2051099	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-29 15:41 (-7)	30.7		25.1 - 36.5
		Day 29	2020-08-03 10:23 (29)	29.0		25.1 - 36.5
		Day 57	2020-09-02 10:14 (31)	29.0		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-29 15:41 (-7)	0.9		0.9 - 1.1
		Day 29	2020-08-03 10:23 (29)	1.0		0.9 - 1.1
		Day 57	2020-09-02 10:14 (31)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-29 15:41 (-7)	10.8		9.4 - 12.5
		Day 29	2020-08-03 10:23 (29)	11.7		9.4 - 12.5
		Day 57	2020-09-02 10:14 (31)	12.0		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051100	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-29 15:13 (-3)	31.7		25.1 - 36.5
		Day 29	2020-08-04 11:33 (34)	32.7		25.1 - 36.5
		Day 57	2020-09-08 09:21 (36)	28.8		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-29 15:13 (-3)	1.0		0.9 - 1.1
		Day 29	2020-08-04 11:33 (34)	1.1		0.9 - 1.1
		Day 57	2020-09-08 09:21 (36)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-29 15:13 (-3)	12.0		9.4 - 12.5
		Day 29	2020-08-04 11:33 (34)	13.9 (H)	G2 Prothrombin Time Increased	9.4 - 12.5
		Day 57	2020-09-08 09:21 (36)	11.8		9.4 - 12.5
US2051103	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-30 13:01 (-2)	33.2		25.1 - 36.5
		Day 29	2020-07-30 08:29 (29)	29.9		25.1 - 36.5
		Day 57	2020-08-27 09:18 (29)	30.9		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051103	Prothrombin Intl. Normalized Ratio	Screening	2020-06-30 13:01 (-2)	0.9		0.9 - 1.1
		Day 29	2020-07-30 08:29 (29)	0.9		0.9 - 1.1
		Day 57	2020-08-27 09:18 (29)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-30 13:01 (-2)	10.7		9.4 - 12.5
		Day 29	2020-07-30 08:29 (29)	11.0		9.4 - 12.5
		Day 57	2020-08-27 09:18 (29)	11.0		9.4 - 12.5
US2051105	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-30 12:56 (-2)	33.9		25.1 - 36.5
		Day 29	2020-07-31 09:39 (30)	31.6		25.1 - 36.5
		Day 57	2020-08-27 14:59 (28)	28.6		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-30 12:56 (-2)	1.0		0.9 - 1.1
		Day 29	2020-07-31 09:39 (30)	1.0		0.9 - 1.1
		Day 57	2020-08-27 14:59 (28)	0.9		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051105	Prothrombin Time (sec)	Screening	2020-06-30 12:56 (-2)	11.3		9.4 - 12.5
		Day 29	2020-07-31 09:39 (30)	12.1		9.4 - 12.5
		Day 57	2020-08-27 14:59 (28)	11.4		9.4 - 12.5
US2051107	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-30 15:22 (-2)	30.6		25.1 - 36.5
		Day 29	2020-07-31 09:27 (30)	28.6		25.1 - 36.5
		Day 57	2020-08-28 08:23 (29)	28.8		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-30 15:22 (-2)	1.0		0.9 - 1.1
		Day 29	2020-07-31 09:27 (30)	1.0		0.9 - 1.1
		Day 57	2020-08-28 08:23 (29)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-30 15:22 (-2)	11.2		9.4 - 12.5
		Day 29	2020-07-31 09:27 (30)	11.7		9.4 - 12.5
		Day 57	2020-08-28 08:23 (29)	11.5		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051109	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-30 16:02 (-6)	31.2		25.1 - 36.5
		Day 29	2020-08-04 12:16 (30)	28.9		25.1 - 36.5
		Day 57	2020-09-02 15:02 (30)	27.8		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-30 16:02 (-6)	1.0		0.9 - 1.1
		Day 29	2020-08-04 12:16 (30)	1.0		0.9 - 1.1
		Day 57	2020-09-02 15:02 (30)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-30 16:02 (-6)	11.5		9.4 - 12.5
		Day 29	2020-08-04 12:16 (30)	12.1		9.4 - 12.5
		Day 57	2020-09-02 15:02 (30)	11.9		9.4 - 12.5
US2061037	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-09 11:37 (-17)	31.3		25.1 - 36.5
		Day 29	2020-07-29 08:40 (34)	29.7		25.1 - 36.5
		Day 57	2020-08-26 13:50 (29)	31.1		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061037	Prothrombin Intl. Normalized Ratio	Screening	2020-06-09 11:37 (-17)	1.0		0.9 - 1.1
		Day 29	2020-07-29 08:40 (34)	1.0		0.9 - 1.1
		Day 57	2020-08-26 13:50 (29)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-09 11:37 (-17)	11.4		9.4 - 12.5
		Day 29	2020-07-29 08:40 (34)	12.3		9.4 - 12.5
		Day 57	2020-08-26 13:50 (29)	12.4		9.4 - 12.5
US2061053	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-15 14:02 (-16)	35.7		25.1 - 36.5
		Day 29	2020-07-29 11:44 (29)	30.4		25.1 - 36.5
		Day 57	2020-08-24 11:58 (27)	35.0		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-15 14:02 (-16)	0.9		0.9 - 1.1
		Day 29	2020-07-29 11:44 (29)	0.9		0.9 - 1.1
		Day 57	2020-08-24 11:58 (27)	0.9		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061053	Prothrombin Time (sec)	Screening	2020-06-15 14:02 (-16)	10.9		9.4 - 12.5
		Day 29	2020-07-29 11:44 (29)	11.0		9.4 - 12.5
		Day 57	2020-08-24 11:58 (27)	11.2		9.4 - 12.5
US2061057	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-18 14:10 (-13)	72.9 (H)	G4 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
		Unscheduled	2020-06-23 11:54 (-8)	35.7		25.1 - 36.5
		Day 29	2020-07-29 11:44 (29)	31.6		25.1 - 36.5
		Day 57	2020-08-24 09:49 (27)	40.9 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-18 14:10 (-13)	1.1		0.9 - 1.1
		Unscheduled	2020-06-23 11:54 (-8)	1.0		0.9 - 1.1
		Day 29	2020-07-29 11:44 (29)	1.0		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061057	Prothrombin Intl. Normalized Ratio	Day 57	2020-08-24 09:49 (27)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-18 14:10 (-13)	12.6 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
		Unscheduled	2020-06-23 11:54 (-8)	11.5		9.4 - 12.5
		Day 29	2020-07-29 11:44 (29)	11.6		9.4 - 12.5
		Day 57	2020-08-24 09:49 (27)	12.3		9.4 - 12.5
US2061064	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-22 14:23 (-8)	34.5		25.1 - 36.5
		Day 29	2020-07-28 14:05 (29)	32.4		25.1 - 36.5
		Day 57	2020-08-24 13:18 (28)	29.1		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-22 14:23 (-8)	0.9		0.9 - 1.1
		Day 29	2020-07-28 14:05 (29)	0.9		0.9 - 1.1
		Day 57	2020-08-24 13:18 (28)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-22 14:23 (-8)	10.7		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061064	Prothrombin Time (sec)	Day 29	2020-07-28 14:05 (29)	11.0		9.4 - 12.5
		Day 57	2020-08-24 13:18 (28)	11.2		9.4 - 12.5
US2061068	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-24 10:43 (-6)	30.0		25.1 - 36.5
		Day 29	2020-07-31 08:35 (32)	27.0		25.1 - 36.5
		Day 57	2020-09-02 08:13 (34)	29.0		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-24 10:43 (-6)	0.9		0.9 - 1.1
		Day 29	2020-07-31 08:35 (32)	0.9		0.9 - 1.1
		Day 57	2020-09-02 08:13 (34)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-24 10:43 (-6)	10.8		9.4 - 12.5
		Day 29	2020-07-31 08:35 (32)	10.6		9.4 - 12.5
		Day 57	2020-09-02 08:13 (34)	11.6		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071007	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-25 13:02 (-8)	24.4 (L)		25.1 - 36.5
		Day 29	2020-07-07 10:16 (36)	31.6		25.1 - 36.5
		Day 57	2020-08-06 10:50 (31)	33.6		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-25 13:02 (-8)	1.1		0.9 - 1.1
		Day 29	2020-07-07 10:16 (36)	1.1		0.9 - 1.1
		Day 57	2020-08-06 10:50 (31)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-25 13:02 (-8)	12.3		9.4 - 12.5
		Day 29	2020-07-07 10:16 (36)	12.2		9.4 - 12.5
		Day 57	2020-08-06 10:50 (31)	12.5		9.4 - 12.5
US2071024	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-26 11:03 (-8)	36.1		25.1 - 36.5
		Day 29	2020-07-06 09:34 (34)	31.5		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071024	Activated Partial Thromboplastin Time (sec)	Day 57	2020-08-03 09:18 (29)	41.9 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-26 11:03 (-8)	0.9		0.9 - 1.1
		Day 29	2020-07-06 09:34 (34)	0.9		0.9 - 1.1
		Day 57	2020-08-03 09:18 (29)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-26 11:03 (-8)	10.7		9.4 - 12.5
		Day 29	2020-07-06 09:34 (34)	10.5		9.4 - 12.5
		Day 57	2020-08-03 09:18 (29)	12.3		9.4 - 12.5
US2071025	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-26 11:19 (-8)	33.4		25.1 - 36.5
		Day 29	2020-07-08 10:30 (36)	35.0		25.1 - 36.5
		Day 57	2020-08-05 10:30 (29)	30.8		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-26 11:19 (-8)	1.0		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071025	Prothrombin Intl. Normalized Ratio	Day 29	2020-07-08 10:30 (36)	0.9		0.9 - 1.1
		Day 57	2020-08-05 10:30 (29)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-26 11:19 (-8)	11.3		9.4 - 12.5
		Day 29	2020-07-08 10:30 (36)	10.7		9.4 - 12.5
		Day 57	2020-08-05 10:30 (29)	11.2		9.4 - 12.5
US2071083	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-15 09:22 (-11)	39.8 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
		Day 29	2020-07-21 09:04 (26)	45.4 (H)	G2 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
		Day 57	2020-08-24 08:50 (35)	47.6 (H)	G2 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-15 09:22 (-11)	1.1		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071083	Prothrombin Intl. Normalized Ratio	Day 29	2020-07-21 09:04 (26)	1.1		0.9 - 1.1
		Day 57	2020-08-24 08:50 (35)	1.1		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-15 09:22 (-11)	12.7 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
		Day 29	2020-07-21 09:04 (26)	13.1 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
		Day 57	2020-08-24 08:50 (35)	13.6 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
US2071090	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-18 17:31 (-11)	42.6 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
		Day 29	2020-07-29 14:23 (31)	30.9		25.1 - 36.5
		Day 57	2020-08-25 16:10 (28)	51.2 (H)	G3 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-18 17:31 (-11)	1.1		0.9 - 1.1
		Day 29	2020-07-29 14:23 (31)	0.9		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071090	Prothrombin Intl. Normalized Ratio	Day 57	2020-08-25 16:10 (28)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-18 17:31 (-11)	12.6 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
		Day 29	2020-07-29 14:23 (31)	11.4		9.4 - 12.5
		Day 57	2020-08-25 16:10 (28)	12.6 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
US2071099	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-24 15:16 (-13)	45.9 (H)	G2 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
		Unscheduled	2020-06-26 (-11)	32.1		25.1 - 36.5
		Day 29	2020-08-04 14:22 (29)	31.3		25.1 - 36.5
		Day 57	2020-09-03 14:20 (31)	33.5		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-24 15:16 (-13)	1.0		0.9 - 1.1
		Unscheduled	2020-06-26 (-11)	1.0		0.9 - 1.1
		Day 29	2020-08-04 14:22 (29)	1.0		0.9 - 1.1
		Day 57	2020-09-03 14:20 (31)	1.0		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071099	Prothrombin Time (sec)	Screening	2020-06-24 15:16 (-13)	12.0		9.4 - 12.5
		Unscheduled	2020-06-26 (-11)	11.4		9.4 - 12.5
		Day 29	2020-08-04 14:22 (29)	11.5		9.4 - 12.5
		Day 57	2020-09-03 14:20 (31)	11.9		9.4 - 12.5
US2071101	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-25 14:05 (-4)	36.8 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
		Day 29	2020-08-03 13:45 (36)	29.2		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-25 14:05 (-4)	1.0		0.9 - 1.1
		Day 29	2020-08-03 13:45 (36)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-25 14:05 (-4)	11.1		9.4 - 12.5
		Day 29	2020-08-03 13:45 (36)	11.4		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071104	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-26 15:32 (-10)	36.7 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
		Day 29	2020-08-10 10:10 (36)	30.7		25.1 - 36.5
		Day 57	2020-09-04 09:56 (26)	31.4		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-26 15:32 (-10)	1.1		0.9 - 1.1
		Day 29	2020-08-10 10:10 (36)	1.1		0.9 - 1.1
		Day 57	2020-09-04 09:56 (26)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-26 15:32 (-10)	12.3		9.4 - 12.5
		Day 29	2020-08-10 10:10 (36)	13.3 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
		Day 57	2020-09-04 09:56 (26)	12.5		9.4 - 12.5
US2071106	Activated Partial Thromboplastin Time (sec)	Screening	2020-07-01 15:55 (-5)	35.7		25.1 - 36.5
		Day 57	2020-08-26 10:24 (52)	32.1		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071106	Prothrombin Intl. Normalized Ratio	Screening	2020-07-01 15:55 (-5)	1.1		0.9 - 1.1
		Day 57	2020-08-26 10:24 (52)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-07-01 15:55 (-5)	12.6 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
		Day 57	2020-08-26 10:24 (52)	11.8		9.4 - 12.5
US2081003	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-26 11:35 (-3)	29.2		25.1 - 36.5
		Day 29	2020-06-29 09:10 (32)	34.1		25.1 - 36.5
		Day 57	2020-07-27 10:05 (29)	33.1		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-26 11:35 (-3)	0.9		0.9 - 1.1
		Day 29	2020-06-29 09:10 (32)	1.0		0.9 - 1.1
		Day 57	2020-07-27 10:05 (29)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-26 11:35 (-3)	11.0		9.4 - 12.5
		Day 29	2020-06-29 09:10 (32)	11.5		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081003	Prothrombin Time (sec)	Day 57	2020-07-27 10:05 (29)	12.2		9.4 - 12.5
US2081009	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-27 09:01 (-5)	28.6		25.1 - 36.5
		Day 29	2020-07-02 13:10 (32)	29.5		25.1 - 36.5
		Day 57	2020-07-28 13:35 (27)	25.9		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-27 09:01 (-5)	0.9		0.9 - 1.1
		Day 29	2020-07-02 13:10 (32)	1.0		0.9 - 1.1
		Day 57	2020-07-28 13:35 (27)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-27 09:01 (-5)	11.0		9.4 - 12.5
		Day 29	2020-07-02 13:10 (32)	11.1		9.4 - 12.5
		Day 57	2020-07-28 13:35 (27)	11.2		9.4 - 12.5
US2081020	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-28 10:50 (-5)	30.3		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081020	Activated Partial Thromboplastin Time (sec)	Day 29	2020-06-29 11:10 (28)	31.3		25.1 - 36.5
		Day 57	2020-07-28 13:10 (30)	28.8		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-28 10:50 (-5)	0.9		0.9 - 1.1
		Day 29	2020-06-29 11:10 (28)	0.9		0.9 - 1.1
		Day 57	2020-07-28 13:10 (30)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-28 10:50 (-5)	10.5		9.4 - 12.5
		Day 29	2020-06-29 11:10 (28)	10.4		9.4 - 12.5
		Day 57	2020-07-28 13:10 (30)	10.7		9.4 - 12.5
US2081070	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-12 12:33 (-14)	34.0		25.1 - 36.5
		Day 29	2020-07-24 13:19 (29)	28.9		25.1 - 36.5
		Day 57	2020-08-21 14:40 (29)	31.3		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-12 12:33 (-14)	1.0		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081070	Prothrombin Intl. Normalized Ratio	Day 29	2020-07-24 13:19 (29)	0.9		0.9 - 1.1
		Day 57	2020-08-21 14:40 (29)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-12 12:33 (-14)	11.2		9.4 - 12.5
		Day 29	2020-07-24 13:19 (29)	10.8		9.4 - 12.5
		Day 57	2020-08-21 14:40 (29)	11.8		9.4 - 12.5
US2081071	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-12 13:32 (-18)	37.3 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
		Day 29	2020-07-29 11:18 (30)	30.5		25.1 - 36.5
		Day 57	2020-08-26 13:40 (29)	36.0		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-12 13:32 (-18)	1.0		0.9 - 1.1
		Day 29	2020-07-29 11:18 (30)	1.0		0.9 - 1.1
		Day 57	2020-08-26 13:40 (29)	1.1		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081071	Prothrombin Time (sec)	Screening	2020-06-12 13:32 (-18)	11.2		9.4 - 12.5
		Day 29	2020-07-29 11:18 (30)	11.7		9.4 - 12.5
		Day 57	2020-08-26 13:40 (29)	13.7 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
US2081085	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-18 11:13 (-15)	31.8		25.1 - 36.5
		Day 29	2020-08-11 08:03 (40)	31.4		25.1 - 36.5
		Day 57	2020-09-08 09:50 (29)	28.0		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-18 11:13 (-15)	0.9		0.9 - 1.1
		Day 29	2020-08-11 08:03 (40)	0.8 (L)		0.9 - 1.1
		Day 57	2020-09-08 09:50 (29)	0.8 (L)		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-18 11:13 (-15)	10.0		9.4 - 12.5
		Day 29	2020-08-11 08:03 (40)	9.8		9.4 - 12.5
		Day 57	2020-09-08 09:50 (29)	9.9		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081090	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-19 07:46 (-12)	40.9 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
		Unscheduled	2020-06-25 07:00 (-6)	33.4		25.1 - 36.5
		Day 29	2020-08-03 07:31 (34)	30.0		25.1 - 36.5
		Day 57	2020-09-02 10:55 (31)	30.7		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-19 07:46 (-12)	0.9		0.9 - 1.1
		Unscheduled	2020-06-25 07:00 (-6)	0.9		0.9 - 1.1
		Day 29	2020-08-03 07:31 (34)	0.9		0.9 - 1.1
		Day 57	2020-09-02 10:55 (31)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-19 07:46 (-12)	10.9		9.4 - 12.5
		Unscheduled	2020-06-25 07:00 (-6)	10.9		9.4 - 12.5
		Day 29	2020-08-03 07:31 (34)	10.8		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081090	Prothrombin Time (sec)	Day 57	2020-09-02 10:55 (31)	11.7		9.4 - 12.5
US2081092	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-19 12:00 (-13)	28.6		25.1 - 36.5
		Day 29	2020-07-31 13:20 (30)	27.1		25.1 - 36.5
		Day 57	2020-08-28 09:46 (29)	30.6		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-19 12:00 (-13)	1.0		0.9 - 1.1
		Day 29	2020-07-31 13:20 (30)	1.0		0.9 - 1.1
		Day 57	2020-08-28 09:46 (29)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-19 12:00 (-13)	11.5		9.4 - 12.5
		Day 29	2020-07-31 13:20 (30)	12.0		9.4 - 12.5
		Day 57	2020-08-28 09:46 (29)	11.7		9.4 - 12.5
US2081100	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-22 12:30 (-10)	34.8		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081100	Activated Partial Thromboplastin Time (sec)	Day 29	2020-08-03 09:20 (33)	41.2 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
		Day 57	2020-09-10 11:41 (39)	34.2		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-22 12:30 (-10)	1.0		0.9 - 1.1
		Day 29	2020-08-03 09:20 (33)	1.0		0.9 - 1.1
		Day 57	2020-09-10 11:41 (39)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-22 12:30 (-10)	11.4		9.4 - 12.5
		Day 29	2020-08-03 09:20 (33)	11.9		9.4 - 12.5
		Day 57	2020-09-10 11:41 (39)	12.5		9.4 - 12.5
US2081110	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-23 15:04 (-10)	31.6		25.1 - 36.5
		Day 29	2020-07-31 11:20 (29)	29.2		25.1 - 36.5
		Day 57	2020-08-28 14:11 (29)	28.9		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081110	Prothrombin Intl. Normalized Ratio	Screening	2020-06-23 15:04 (-10)	1.0		0.9 - 1.1
		Day 29	2020-07-31 11:20 (29)	1.0		0.9 - 1.1
		Day 57	2020-08-28 14:11 (29)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-23 15:04 (-10)	11.8		9.4 - 12.5
		Day 29	2020-07-31 11:20 (29)	11.6		9.4 - 12.5
		Day 57	2020-08-28 14:11 (29)	12.6 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
US2081112	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-24 07:55 (-9)	31.3		25.1 - 36.5
		Day 29	2020-08-11 09:54 (40)	28.4		25.1 - 36.5
		Day 57	2020-09-14 10:29 (35)	27.8		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-24 07:55 (-9)	1.0		0.9 - 1.1
		Day 29	2020-08-11 09:54 (40)	1.0		0.9 - 1.1
		Day 57	2020-09-14 10:29 (35)	0.9		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081112	Prothrombin Time (sec)	Screening	2020-06-24 07:55 (-9)	11.4		9.4 - 12.5
		Day 29	2020-08-11 09:54 (40)	12.1		9.4 - 12.5
		Day 57	2020-09-14 10:29 (35)	10.8		9.4 - 12.5
US2081118	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-24 12:12 (-7)	29.2		25.1 - 36.5
		Day 29	2020-07-31 13:10 (31)	26.5		25.1 - 36.5
		Day 57	2020-08-28 11:39 (29)	35.2		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-24 12:12 (-7)	1.0		0.9 - 1.1
		Day 29	2020-07-31 13:10 (31)	1.0		0.9 - 1.1
		Day 57	2020-08-28 11:39 (29)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-24 12:12 (-7)	11.3		9.4 - 12.5
		Day 29	2020-07-31 13:10 (31)	11.5		9.4 - 12.5
		Day 57	2020-08-28 11:39 (29)	12.6 (H)	G1 Prothrombin Time Increased	9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081123	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-25 09:32 (-5)	35.5		25.1 - 36.5
		Day 29	2020-08-11 11:38 (43)	33.9		25.1 - 36.5
		Day 57	2020-09-08 12:35 (71)	29.6		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-25 09:32 (-5)	1.0		0.9 - 1.1
		Day 29	2020-08-11 11:38 (43)	1.0		0.9 - 1.1
		Day 57	2020-09-08 12:35 (71)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-25 09:32 (-5)	11.5		9.4 - 12.5
		Day 29	2020-08-11 11:38 (43)	12.3		9.4 - 12.5
		Day 57	2020-09-08 12:35 (71)	11.3		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011004	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-26 13:15 (-6)	31.7		25.1 - 36.5
		Day 29	2020-06-29 09:40 (29)	34.6		25.1 - 36.5
		Day 57	2020-07-27 11:11 (29)	28.3		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-26 13:15 (-6)	1.0		0.9 - 1.1
		Day 29	2020-06-29 09:40 (29)	0.9		0.9 - 1.1
		Day 57	2020-07-27 11:11 (29)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-26 13:15 (-6)	11.2		9.4 - 12.5
		Day 29	2020-06-29 09:40 (29)	10.9		9.4 - 12.5
		Day 57	2020-07-27 11:11 (29)	11.2		9.4 - 12.5
US2011009	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-26 15:08 (-6)	28.3		25.1 - 36.5
		Day 29	2020-06-29 15:06 (29)	31.1		25.1 - 36.5
		Day 57	2020-07-27 11:35 (29)	26.5		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011009	Prothrombin Intl. Normalized Ratio	Screening	2020-05-26 15:08 (-6)	0.8 (L)		0.9 - 1.1
		Day 29	2020-06-29 15:06 (29)	0.9		0.9 - 1.1
		Day 57	2020-07-27 11:35 (29)	0.8 (L)		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-26 15:08 (-6)	9.7		9.4 - 12.5
		Day 29	2020-06-29 15:06 (29)	10.0		9.4 - 12.5
		Day 57	2020-07-27 11:35 (29)	9.6		9.4 - 12.5
US2011028	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-27 09:34 (-5)	26.4		25.1 - 36.5
		Day 29	2020-06-29 07:55 (29)	27.6		25.1 - 36.5
		Day 57	2020-07-27 07:25 (29)	25.4		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-27 09:34 (-5)	1.0		0.9 - 1.1
		Day 29	2020-06-29 07:55 (29)	1.0		0.9 - 1.1
		Day 57	2020-07-27 07:25 (29)	0.9		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011028	Prothrombin Time (sec)	Screening	2020-05-27 09:34 (-5)	11.2		9.4 - 12.5
		Day 29	2020-06-29 07:55 (29)	11.1		9.4 - 12.5
		Day 57	2020-07-27 07:25 (29)	10.8		9.4 - 12.5
US2011113	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-12 11:19 (-20)	35.9		25.1 - 36.5
		Day 29	2020-07-30 11:46 (29)	33.4		25.1 - 36.5
		Day 57	2020-08-31 09:50 (33)	30.3		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-12 11:19 (-20)	0.9		0.9 - 1.1
		Day 29	2020-07-30 11:46 (29)	1.0		0.9 - 1.1
		Day 57	2020-08-31 09:50 (33)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-12 11:19 (-20)	10.9		9.4 - 12.5
		Day 29	2020-07-30 11:46 (29)	12.1		9.4 - 12.5
		Day 57	2020-08-31 09:50 (33)	11.3		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011118	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-12 16:05 (-14)	30.8		25.1 - 36.5
		Day 29	2020-07-24 07:37 (29)	33.8		25.1 - 36.5
		Day 57	2020-08-21 18:19 (29)	29.7		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-12 16:05 (-14)	1.0		0.9 - 1.1
		Day 29	2020-07-24 07:37 (29)	1.0		0.9 - 1.1
		Day 57	2020-08-21 18:19 (29)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-12 16:05 (-14)	11.5		9.4 - 12.5
		Day 29	2020-07-24 07:37 (29)	11.9		9.4 - 12.5
		Day 57	2020-08-21 18:19 (29)	12.0		9.4 - 12.5
US2011121	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-15 14:13 (-17)	29.8		25.1 - 36.5
		Day 29	2020-07-30 14:12 (29)	28.6		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011121	Activated Partial Thromboplastin Time (sec)	Day 57	2020-08-28 10:19 (30)	38.7 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-15 14:13 (-17)	0.9		0.9 - 1.1
		Day 29	2020-07-30 14:12 (29)	0.9		0.9 - 1.1
		Day 57	2020-08-28 10:19 (30)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-15 14:13 (-17)	10.0		9.4 - 12.5
		Day 29	2020-07-30 14:12 (29)	10.4		9.4 - 12.5
		Day 57	2020-08-28 10:19 (30)	11.8		9.4 - 12.5
US2011122	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-16 15:05 (-10)	25.6		25.1 - 36.5
		Day 29	2020-07-24 07:25 (29)	27.9		25.1 - 36.5
		Day 57	2020-08-21 08:34 (29)	49.2 (H)	G2 Activated Partial Thromboplastin Time Increased	25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011122	Prothrombin Intl. Normalized Ratio	Screening	2020-06-16 15:05 (-10)	1.0		0.9 - 1.1
		Day 29	2020-07-24 07:25 (29)	0.9		0.9 - 1.1
		Day 57	2020-08-21 08:34 (29)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-16 15:05 (-10)	11.7		9.4 - 12.5
		Day 29	2020-07-24 07:25 (29)	10.9		9.4 - 12.5
		Day 57	2020-08-21 08:34 (29)	12.0		9.4 - 12.5
US2011128	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-18 11:51 (-12)	31.1		25.1 - 36.5
		Day 29	2020-07-29 10:20 (30)	28.4		25.1 - 36.5
		Day 57	2020-08-26 11:45 (29)	33.0		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-18 11:51 (-12)	1.0		0.9 - 1.1
		Day 29	2020-07-29 10:20 (30)	1.0		0.9 - 1.1
		Day 57	2020-08-26 11:45 (29)	1.1		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011128	Prothrombin Time (sec)	Screening	2020-06-18 11:51 (-12)	11.3		9.4 - 12.5
		Day 29	2020-07-29 10:20 (30)	12.5		9.4 - 12.5
		Day 57	2020-08-26 11:45 (29)	12.8 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
US2011139	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-22 12:02 (-4)	34.9		25.1 - 36.5
		Day 29	2020-07-24 11:30 (29)	35.6		25.1 - 36.5
		Day 57	2020-08-21 11:46 (29)	36.1		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-22 12:02 (-4)	1.0		0.9 - 1.1
		Day 29	2020-07-24 11:30 (29)	0.9		0.9 - 1.1
		Day 57	2020-08-21 11:46 (29)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-22 12:02 (-4)	11.1		9.4 - 12.5
		Day 29	2020-07-24 11:30 (29)	10.7		9.4 - 12.5
		Day 57	2020-08-21 11:46 (29)	11.3		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011149	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-25 11:27 (-4)	35.8		25.1 - 36.5
		Day 29	2020-07-27 13:58 (29)	30.0		25.1 - 36.5
		Day 57	2020-08-31 07:42 (36)	31.7		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-25 11:27 (-4)	0.9		0.9 - 1.1
		Day 29	2020-07-27 13:58 (29)	0.9		0.9 - 1.1
		Day 57	2020-08-31 07:42 (36)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-25 11:27 (-4)	11.0		9.4 - 12.5
		Day 29	2020-07-27 13:58 (29)	9.9		9.4 - 12.5
		Day 57	2020-08-31 07:42 (36)	11.2		9.4 - 12.5
US2011159	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-30 13:50 (-2)	33.0		25.1 - 36.5
		Day 29	2020-07-30 11:56 (29)	29.1		25.1 - 36.5
		Day 57	2020-08-27 12:20 (29)	27.1		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011159	Prothrombin Intl. Normalized Ratio	Screening	2020-06-30 13:50 (-2)	0.9		0.9 - 1.1
		Day 29	2020-07-30 11:56 (29)	0.9		0.9 - 1.1
		Day 57	2020-08-27 12:20 (29)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-30 13:50 (-2)	11.0		9.4 - 12.5
		Day 29	2020-07-30 11:56 (29)	10.5		9.4 - 12.5
		Day 57	2020-08-27 12:20 (29)	11.0		9.4 - 12.5
US2011162	Activated Partial Thromboplastin Time (sec)	Screening	2020-07-01 16:28 (-5)	31.2		25.1 - 36.5
		Day 29	2020-08-03 16:18 (29)	28.4		25.1 - 36.5
		Day 57	2020-08-31 16:46 (29)	29.0		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-07-01 16:28 (-5)	1.0		0.9 - 1.1
		Day 29	2020-08-03 16:18 (29)	0.9		0.9 - 1.1
		Day 57	2020-08-31 16:46 (29)	1.0		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011162	Prothrombin Time (sec)	Screening	2020-07-01 16:28 (-5)	11.8		9.4 - 12.5
		Day 29	2020-08-03 16:18 (29)	11.1		9.4 - 12.5
		Day 57	2020-08-31 16:46 (29)	11.6		9.4 - 12.5
US2021003	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-26 10:10 (-3)	34.5		25.1 - 36.5
		Day 29	2020-06-30 08:37 (33)	32.8		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-26 10:10 (-3)	1.0		0.9 - 1.1
		Day 29	2020-06-30 08:37 (33)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-26 10:10 (-3)	11.7		9.4 - 12.5
		Day 29	2020-06-30 08:37 (33)	12.1		9.4 - 12.5
US2021007	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-26 10:48 (-6)	30.3		25.1 - 36.5
		Day 29	2020-06-29 09:13 (29)	32.2		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021007	Activated Partial Thromboplastin Time (sec)	Day 57	2020-07-29 09:54 (31)	26.3		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-26 10:48 (-6)	1.0		0.9 - 1.1
		Day 29	2020-06-29 09:13 (29)	0.9		0.9 - 1.1
		Day 57	2020-07-29 09:54 (31)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-26 10:48 (-6)	11.3		9.4 - 12.5
		Day 29	2020-06-29 09:13 (29)	10.9		9.4 - 12.5
		Day 57	2020-07-29 09:54 (31)	11.5		9.4 - 12.5
US2021011	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-26 11:46 (-3)	34.7		25.1 - 36.5
		Day 29	2020-06-26 09:23 (29)	38.0 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
		Day 57	2020-07-21 10:58 (26)	31.4		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-26 11:46 (-3)	0.9		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021011	Prothrombin Intl. Normalized Ratio	Day 29	2020-06-26 09:23 (29)	1.0		0.9 - 1.1
		Day 57	2020-07-21 10:58 (26)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-26 11:46 (-3)	10.8		9.4 - 12.5
		Day 29	2020-06-26 09:23 (29)	11.3		9.4 - 12.5
		Day 57	2020-07-21 10:58 (26)	10.7		9.4 - 12.5
US2021031	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-26 17:48 (-6)	31.5		25.1 - 36.5
		Day 29	2020-06-29 13:22 (29)	30.9		25.1 - 36.5
		Day 57	2020-07-27 15:28 (29)	28.2		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-26 17:48 (-6)	1.1		0.9 - 1.1
		Day 29	2020-06-29 13:22 (29)	1.1		0.9 - 1.1
		Day 57	2020-07-27 15:28 (29)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-26 17:48 (-6)	12.5		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021031	Prothrombin Time (sec)	Day 29	2020-06-29 13:22 (29)	12.6 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
		Day 57	2020-07-27 15:28 (29)	12.1		9.4 - 12.5
US2021114	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-29 09:45 (-28)	32.5		25.1 - 36.5
		Day 29	2020-07-29 09:42 (34)	30.9		25.1 - 36.5
		Day 57	2020-08-25 11:17 (28)	38.0 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-29 09:45 (-28)	1.1		0.9 - 1.1
		Day 29	2020-07-29 09:42 (34)	1.0		0.9 - 1.1
		Day 57	2020-08-25 11:17 (28)	1.1		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-29 09:45 (-28)	12.4		9.4 - 12.5
		Day 29	2020-07-29 09:42 (34)	12.7 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
		Day 57	2020-08-25 11:17 (28)	13.4 (H)	G1 Prothrombin Time Increased	9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021115	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-29 10:35 (-28)	38.2 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
		Unscheduled	2020-06-09 08:24 (-17)	31.3		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-29 10:35 (-28)	1.0		0.9 - 1.1
		Unscheduled	2020-06-09 08:24 (-17)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-29 10:35 (-28)	11.9		9.4 - 12.5
		Unscheduled	2020-06-09 08:24 (-17)	11.0		9.4 - 12.5
US2021186	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-10 14:45 (-16)	37.1 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
		Unscheduled	2020-06-17 11:21 (-9)	32.5		25.1 - 36.5
		Day 29	2020-07-27 09:03 (32)	31.0		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021186	Activated Partial Thromboplastin Time (sec)	Day 57	2020-08-25 14:46 (30)	37.0 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-10 14:45 (-16)	1.0		0.9 - 1.1
		Unscheduled	2020-06-17 11:21 (-9)	0.9		0.9 - 1.1
		Day 29	2020-07-27 09:03 (32)	1.0		0.9 - 1.1
		Day 57	2020-08-25 14:46 (30)	1.1		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-10 14:45 (-16)	11.4		9.4 - 12.5
		Unscheduled	2020-06-17 11:21 (-9)	10.6		9.4 - 12.5
		Day 29	2020-07-27 09:03 (32)	11.8		9.4 - 12.5
		Day 57	2020-08-25 14:46 (30)	13.4 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
US2021208	Activated Partial Thromboplastin Time (sec)	Unscheduled	2020-06-24 15:38 (-7)	35.2		25.1 - 36.5
		Day 29	2020-07-29 16:02 (29)	28.5		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021208	Activated Partial Thromboplastin Time (sec)	Day 57	2020-09-08 08:48 (42)	27.9		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Unscheduled	2020-06-24 15:38 (-7)	1.0		0.9 - 1.1
		Day 29	2020-07-29 16:02 (29)	0.9		0.9 - 1.1
		Day 57	2020-09-08 08:48 (42)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Unscheduled	2020-06-24 15:38 (-7)	11.9		9.4 - 12.5
		Day 29	2020-07-29 16:02 (29)	11.1		9.4 - 12.5
		Day 57	2020-09-08 08:48 (42)	11.4		9.4 - 12.5
US2021211	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-18 11:00 (-14)	32.4		25.1 - 36.5
		Day 57	2020-08-25 12:27 (26)	30.9		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-18 11:00 (-14)	1.0		0.9 - 1.1
		Day 57	2020-08-25 12:27 (26)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-18 11:00 (-14)	11.2		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021211	Prothrombin Time (sec)	Day 57	2020-08-25 12:27 (26)	11.6		9.4 - 12.5
US2021214	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-18 12:40 (-8)	33.5		25.1 - 36.5
		Day 29	2020-07-24 14:51 (29)	27.7		25.1 - 36.5
		Day 57	2020-08-20 15:39 (28)	33.9		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-18 12:40 (-8)	0.9		0.9 - 1.1
		Day 29	2020-07-24 14:51 (29)	0.9		0.9 - 1.1
		Day 57	2020-08-20 15:39 (28)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-18 12:40 (-8)	10.8		9.4 - 12.5
		Day 29	2020-07-24 14:51 (29)	10.8		9.4 - 12.5
		Day 57	2020-08-20 15:39 (28)	12.2		9.4 - 12.5
US2021215	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-18 12:30 (-11)	32.9		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021215	Activated Partial Thromboplastin Time (sec)	Day 29	2020-08-03 15:36 (36)	28.2		25.1 - 36.5
		Day 57	2020-09-08 15:04 (37)	28.2		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-18 12:30 (-11)	0.9		0.9 - 1.1
		Day 29	2020-08-03 15:36 (36)	0.9		0.9 - 1.1
		Day 57	2020-09-08 15:04 (37)	0.8 (L)		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-18 12:30 (-11)	10.6		9.4 - 12.5
		Day 29	2020-08-03 15:36 (36)	10.5		9.4 - 12.5
		Day 57	2020-09-08 15:04 (37)	10.3		9.4 - 12.5
US2021218	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-23 10:25 (-7)	30.3		25.1 - 36.5
		Day 57	2020-08-25 17:08 (26)	35.9		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-23 10:25 (-7)	1.0		0.9 - 1.1
		Day 57	2020-08-25 17:08 (26)	1.2 (H)		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021218	Prothrombin Time (sec)	Screening	2020-06-23 10:25 (-7)	11.4		9.4 - 12.5
		Day 57	2020-08-25 17:08 (26)	14.0 (H)	G2 Prothrombin Time Increased	9.4 - 12.5
US2021230	Activated Partial Thromboplastin Time (sec)	Screening	2020-07-01 15:58 (-5)	29.9		25.1 - 36.5
		Day 29	2020-08-03 11:23 (29)	28.6		25.1 - 36.5
		Day 57	2020-09-03 11:50 (32)	28.1		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-07-01 15:58 (-5)	0.9		0.9 - 1.1
		Day 29	2020-08-03 11:23 (29)	0.8 (L)		0.9 - 1.1
		Day 57	2020-09-03 11:50 (32)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-07-01 15:58 (-5)	10.5		9.4 - 12.5
		Day 29	2020-08-03 11:23 (29)	10.2		9.4 - 12.5
		Day 57	2020-09-03 11:50 (32)	11.5		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021232	Activated Partial Thromboplastin Time (sec)	Screening	2020-07-02 13:05 (-4)	33.4		25.1 - 36.5
		Day 29	2020-08-06 10:42 (32)	28.5		25.1 - 36.5
		Day 57	2020-09-10 12:44 (36)	27.7		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-07-02 13:05 (-4)	1.1		0.9 - 1.1
		Day 29	2020-08-06 10:42 (32)	1.0		0.9 - 1.1
		Day 57	2020-09-10 12:44 (36)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-07-02 13:05 (-4)	12.4		9.4 - 12.5
		Day 29	2020-08-06 10:42 (32)	11.6		9.4 - 12.5
		Day 57	2020-09-10 12:44 (36)	11.5		9.4 - 12.5
US2021234	Activated Partial Thromboplastin Time (sec)	Screening	2020-07-02 15:14 (-5)	30.0		25.1 - 36.5
		Day 29	2020-08-04 10:38 (29)	27.5		25.1 - 36.5
		Day 57	2020-09-03 10:50 (31)	29.4		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021234	Prothrombin Intl. Normalized Ratio	Screening	2020-07-02 15:14 (-5)	1.0		0.9 - 1.1
		Day 29	2020-08-04 10:38 (29)	0.9		0.9 - 1.1
		Day 57	2020-09-03 10:50 (31)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-07-02 15:14 (-5)	11.4		9.4 - 12.5
		Day 29	2020-08-04 10:38 (29)	10.7		9.4 - 12.5
		Day 57	2020-09-03 10:50 (31)	12.0		9.4 - 12.5
US2031091	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-08 14:22 (-18)	32.7		25.1 - 36.5
		Day 29	2020-07-27 09:53 (32)	28.2		25.1 - 36.5
		Day 57	2020-08-24 09:11 (29)	29.3		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-08 14:22 (-18)	1.0		0.9 - 1.1
		Day 29	2020-07-27 09:53 (32)	0.9		0.9 - 1.1
		Day 57	2020-08-24 09:11 (29)	1.0		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031091	Prothrombin Time (sec)	Screening	2020-06-08 14:22 (-18)	11.6		9.4 - 12.5
		Day 29	2020-07-27 09:53 (32)	11.4		9.4 - 12.5
		Day 57	2020-08-24 09:11 (29)	12.4		9.4 - 12.5
US2031093	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-08 16:10 (-23)	36.9 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
		Unscheduled	2020-06-16 12:25 (-15)	34.7		25.1 - 36.5
		Day 29	2020-07-31 10:55 (31)	30.7		25.1 - 36.5
		Day 57	2020-09-04 12:28 (36)	41.9 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-08 16:10 (-23)	1.0		0.9 - 1.1
		Unscheduled	2020-06-16 12:25 (-15)	0.9		0.9 - 1.1
		Day 29	2020-07-31 10:55 (31)	1.0		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031093	Prothrombin Intl. Normalized Ratio	Day 57	2020-09-04 12:28 (36)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-08 16:10 (-23)	11.6		9.4 - 12.5
		Unscheduled	2020-06-16 12:25 (-15)	11.0		9.4 - 12.5
		Day 29	2020-07-31 10:55 (31)	11.6		9.4 - 12.5
		Day 57	2020-09-04 12:28 (36)	11.7		9.4 - 12.5
US2031101	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-09 16:09 (-20)	33.6		25.1 - 36.5
		Day 29	2020-08-03 16:10 (36)	30.9		25.1 - 36.5
		Day 57	2020-09-01 16:10 (30)	32.5		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-09 16:09 (-20)	1.0		0.9 - 1.1
		Day 29	2020-08-03 16:10 (36)	1.0		0.9 - 1.1
		Day 57	2020-09-01 16:10 (30)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-09 16:09 (-20)	11.2		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031101	Prothrombin Time (sec)	Day 29	2020-08-03 16:10 (36)	12.0		9.4 - 12.5
		Day 57	2020-09-01 16:10 (30)	11.3		9.4 - 12.5
US2031111	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-10 16:10 (-16)	31.9		25.1 - 36.5
		Day 29	2020-07-27 11:01 (32)	30.0		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-10 16:10 (-16)	1.0		0.9 - 1.1
		Day 29	2020-07-27 11:01 (32)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-10 16:10 (-16)	11.7		9.4 - 12.5
		Day 29	2020-07-27 11:01 (32)	11.3		9.4 - 12.5
US2031112	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-10 16:07 (-16)	34.5		25.1 - 36.5
		Day 29	2020-07-27 08:56 (32)	29.7		25.1 - 36.5
		Day 57	2020-09-02 18:45 (38)	31.0		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031112	Prothrombin Intl. Normalized Ratio	Screening	2020-06-10 16:07 (-16)	1.0		0.9 - 1.1
		Day 29	2020-07-27 08:56 (32)	0.9		0.9 - 1.1
		Day 57	2020-09-02 18:45 (38)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-10 16:07 (-16)	11.2		9.4 - 12.5
		Day 29	2020-07-27 08:56 (32)	11.4		9.4 - 12.5
		Day 57	2020-09-02 18:45 (38)	11.5		9.4 - 12.5
US2031122	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-12 14:53 (-17)	36.4		25.1 - 36.5
		Day 29	2020-07-29 15:13 (31)	29.6		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-12 14:53 (-17)	1.0		0.9 - 1.1
		Day 29	2020-07-29 15:13 (31)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-12 14:53 (-17)	11.2		9.4 - 12.5
		Day 29	2020-07-29 15:13 (31)	11.3		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041096	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-09 11:18 (-20)	29.9		25.1 - 36.5
		Day 29	2020-07-28 07:45 (30)	30.5		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-09 11:18 (-20)	0.9		0.9 - 1.1
		Day 29	2020-07-28 07:45 (30)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-09 11:18 (-20)	10.4		9.4 - 12.5
		Day 29	2020-07-28 07:45 (30)	10.9		9.4 - 12.5
US2041107	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-11 09:49 (-15)	32.7		25.1 - 36.5
		Day 29	2020-07-27 10:39 (32)	25.2		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-11 09:49 (-15)	1.0		0.9 - 1.1
		Day 29	2020-07-27 10:39 (32)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-11 09:49 (-15)	11.2		9.4 - 12.5
		Day 29	2020-07-27 10:39 (32)	10.7		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041108	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-11 09:36 (-15)	29.9		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-11 09:36 (-15)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-11 09:36 (-15)	11.1		9.4 - 12.5
US2041112	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-11 11:56 (-15)	28.4		25.1 - 36.5
		Day 29	2020-07-28 15:25 (33)	30.0		25.1 - 36.5
		Day 57	2020-09-01 15:30 (36)	27.6		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-11 11:56 (-15)	1.0		0.9 - 1.1
		Day 29	2020-07-28 15:25 (33)	1.1		0.9 - 1.1
		Day 57	2020-09-01 15:30 (36)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-11 11:56 (-15)	11.8		9.4 - 12.5
		Day 29	2020-07-28 15:25 (33)	13.2 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
		Day 57	2020-09-01 15:30 (36)	12.1		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041117	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-11 14:55 (-15)	28.9		25.1 - 36.5
		Day 29	2020-07-28 15:52 (33)	27.2		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-11 14:55 (-15)	0.9		0.9 - 1.1
		Day 29	2020-07-28 15:52 (33)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-11 14:55 (-15)	10.6		9.4 - 12.5
		Day 29	2020-07-28 15:52 (33)	10.9		9.4 - 12.5
US2041120	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-11 16:40 (-19)	32.5		25.1 - 36.5
		Day 29	2020-07-28 09:09 (29)	30.0		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-11 16:40 (-19)	0.9		0.9 - 1.1
		Day 29	2020-07-28 09:09 (29)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-11 16:40 (-19)	10.4		9.4 - 12.5
		Day 29	2020-07-28 09:09 (29)	10.6		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041122	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-12 09:05 (-17)	30.8		25.1 - 36.5
		Day 29	2020-07-27 13:33 (29)	27.5		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-12 09:05 (-17)	1.0		0.9 - 1.1
		Day 29	2020-07-27 13:33 (29)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-12 09:05 (-17)	11.3		9.4 - 12.5
		Day 29	2020-07-27 13:33 (29)	12.0		9.4 - 12.5
US2041123	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-12 09:18 (-14)	26.8		25.1 - 36.5
		Unscheduled	2020-07-31 12:02 (8)	25.7		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-12 09:18 (-14)	0.9		0.9 - 1.1
		Unscheduled	2020-07-31 12:02 (8)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-12 09:18 (-14)	11.0		9.4 - 12.5
		Unscheduled	2020-07-31 12:02 (8)	11.9		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041125	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-12 11:30 (-17)	38.7 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
		Unscheduled	2020-06-16 14:30 (-13)	33.5		25.1 - 36.5
		Day 29	2020-07-28 15:56 (30)	35.4		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-12 11:30 (-17)	1.2 (H)		0.9 - 1.1
		Unscheduled	2020-06-16 14:30 (-13)	1.0		0.9 - 1.1
		Day 29	2020-07-28 15:56 (30)	1.1		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-12 11:30 (-17)	13.8 (H)	G2 Prothrombin Time Increased	9.4 - 12.5
		Unscheduled	2020-06-16 14:30 (-13)	12.0		9.4 - 12.5
		Day 29	2020-07-28 15:56 (30)	13.4 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
US2041126	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-12 12:00 (-14)	31.3		25.1 - 36.5
		Day 29	2020-07-28 10:30 (33)	29.3		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041126	Activated Partial Thromboplastin Time (sec)	Day 57	2020-08-28 09:45 (32)	28.2		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-12 12:00 (-14)	1.0		0.9 - 1.1
		Day 29	2020-07-28 10:30 (33)	1.0		0.9 - 1.1
		Day 57	2020-08-28 09:45 (32)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-12 12:00 (-14)	11.1		9.4 - 12.5
		Day 29	2020-07-28 10:30 (33)	11.6		9.4 - 12.5
		Day 57	2020-08-28 09:45 (32)	11.3		9.4 - 12.5
US2041131	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-15 10:24 (-14)	33.8		25.1 - 36.5
		Day 29	2020-08-10 09:25 (43)	31.5		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-15 10:24 (-14)	0.9		0.9 - 1.1
		Day 29	2020-08-10 09:25 (43)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-15 10:24 (-14)	10.4		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041131	Prothrombin Time (sec)	Day 29	2020-08-10 09:25 (43)	10.4		9.4 - 12.5
US2041136	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-15 16:10 (-16)	30.1		25.1 - 36.5
		Day 29	2020-08-03 14:57 (34)	22.4 (L)		25.1 - 36.5
		Day 57	2020-09-01 13:23 (30)	27.0		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-15 16:10 (-16)	1.0		0.9 - 1.1
		Day 29	2020-08-03 14:57 (34)	1.0		0.9 - 1.1
		Day 57	2020-09-01 13:23 (30)	1.1		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-15 16:10 (-16)	12.0		9.4 - 12.5
		Day 29	2020-08-03 14:57 (34)	12.5		9.4 - 12.5
		Day 57	2020-09-01 13:23 (30)	13.0 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
US2041138	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-16 09:11 (-10)	29.1		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041138	Prothrombin Intl. Normalized Ratio	Screening	2020-06-16 09:11 (-10)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-16 09:11 (-10)	11.2		9.4 - 12.5
US2041144	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-16 15:23 (-10)	30.7		25.1 - 36.5
		Day 29	2020-07-28 11:36 (33)	28.1		25.1 - 36.5
		Day 57	2020-08-25 14:12 (29)	27.6		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-16 15:23 (-10)	1.0		0.9 - 1.1
		Day 29	2020-07-28 11:36 (33)	1.0		0.9 - 1.1
		Day 57	2020-08-25 14:12 (29)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-16 15:23 (-10)	11.5		9.4 - 12.5
		Day 29	2020-07-28 11:36 (33)	11.6		9.4 - 12.5
		Day 57	2020-08-25 14:12 (29)	12.4		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041149	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-18 10:25 (-18)	28.0		25.1 - 36.5
		Day 29	2020-08-03 12:02 (29)	28.2		25.1 - 36.5
		Day 57	2020-09-02 15:57 (31)	27.5		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-18 10:25 (-18)	0.9		0.9 - 1.1
		Day 29	2020-08-03 12:02 (29)	0.9		0.9 - 1.1
		Day 57	2020-09-02 15:57 (31)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-18 10:25 (-18)	10.4		9.4 - 12.5
		Day 29	2020-08-03 12:02 (29)	10.5		9.4 - 12.5
		Day 57	2020-09-02 15:57 (31)	10.8		9.4 - 12.5
US2051054	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-11 11:51 (-15)	29.4		25.1 - 36.5
		Day 29	2020-07-24 10:07 (29)	31.7		25.1 - 36.5
		Day 57	2020-08-21 10:03 (29)	28.8		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051054	Prothrombin Intl. Normalized Ratio	Screening	2020-06-11 11:51 (-15)	1.1		0.9 - 1.1
		Day 29	2020-07-24 10:07 (29)	1.1		0.9 - 1.1
		Day 57	2020-08-21 10:03 (29)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-11 11:51 (-15)	12.3		9.4 - 12.5
		Day 29	2020-07-24 10:07 (29)	12.8 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
		Day 57	2020-08-21 10:03 (29)	12.0		9.4 - 12.5
US2051064	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-17 10:01 (-14)	24.3 (L)		25.1 - 36.5
		Day 29	2020-07-29 09:25 (29)	23.7 (L)		25.1 - 36.5
		Day 57	2020-08-27 08:52 (30)	23.9 (L)		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-17 10:01 (-14)	0.9		0.9 - 1.1
		Day 29	2020-07-29 09:25 (29)	0.9		0.9 - 1.1
		Day 57	2020-08-27 08:52 (30)	0.9		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051064	Prothrombin Time (sec)	Screening	2020-06-17 10:01 (-14)	10.8		9.4 - 12.5
		Day 29	2020-07-29 09:25 (29)	11.0		9.4 - 12.5
		Day 57	2020-08-27 08:52 (30)	11.0		9.4 - 12.5
US2051069	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-18 09:23 (-8)	35.2		25.1 - 36.5
		Day 29	2020-07-28 08:26 (33)	34.1		25.1 - 36.5
		Day 57	2020-08-26 08:52 (30)	31.4		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-18 09:23 (-8)	0.9		0.9 - 1.1
		Day 29	2020-07-28 08:26 (33)	0.9		0.9 - 1.1
		Day 57	2020-08-26 08:52 (30)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-18 09:23 (-8)	11.0		9.4 - 12.5
		Day 29	2020-07-28 08:26 (33)	11.4		9.4 - 12.5
		Day 57	2020-08-26 08:52 (30)	12.3		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051070	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-18 09:13 (-13)	29.3		25.1 - 36.5
		Day 29	2020-08-03 08:34 (34)	25.5		25.1 - 36.5
		Day 57	2020-08-28 08:38 (26)	27.1		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-18 09:13 (-13)	1.0		0.9 - 1.1
		Day 29	2020-08-03 08:34 (34)	0.9		0.9 - 1.1
		Day 57	2020-08-28 08:38 (26)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-18 09:13 (-13)	11.3		9.4 - 12.5
		Day 29	2020-08-03 08:34 (34)	10.4		9.4 - 12.5
		Day 57	2020-08-28 08:38 (26)	11.0		9.4 - 12.5
US2051074	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-19 10:29 (-11)	34.8		25.1 - 36.5
		Day 29	2020-07-28 09:30 (29)	31.4		25.1 - 36.5
		Day 57	2020-08-25 09:22 (29)	31.2		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051074	Prothrombin Intl. Normalized Ratio	Screening	2020-06-19 10:29 (-11)	1.1		0.9 - 1.1
		Day 29	2020-07-28 09:30 (29)	1.0		0.9 - 1.1
		Day 57	2020-08-25 09:22 (29)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-19 10:29 (-11)	12.3		9.4 - 12.5
		Day 29	2020-07-28 09:30 (29)	11.5		9.4 - 12.5
		Day 57	2020-08-25 09:22 (29)	12.1		9.4 - 12.5
US2051075	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-19 12:15 (-11)	28.0		25.1 - 36.5
		Day 29	2020-07-29 12:27 (30)	27.9		25.1 - 36.5
		Day 57	2020-08-27 12:17 (30)	26.0		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-19 12:15 (-11)	0.9		0.9 - 1.1
		Day 29	2020-07-29 12:27 (30)	1.0		0.9 - 1.1
		Day 57	2020-08-27 12:17 (30)	1.0		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051075	Prothrombin Time (sec)	Screening	2020-06-19 12:15 (-11)	10.6		9.4 - 12.5
		Day 29	2020-07-29 12:27 (30)	11.9		9.4 - 12.5
		Day 57	2020-08-27 12:17 (30)	12.3		9.4 - 12.5
US2051077	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-22 09:09 (-8)	31.3		25.1 - 36.5
		Day 29	2020-07-29 13:30 (30)	26.7		25.1 - 36.5
		Day 57	2020-08-25 08:43 (28)	27.1		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-22 09:09 (-8)	0.9		0.9 - 1.1
		Day 29	2020-07-29 13:30 (30)	1.0		0.9 - 1.1
		Day 57	2020-08-25 08:43 (28)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-22 09:09 (-8)	10.5		9.4 - 12.5
		Day 29	2020-07-29 13:30 (30)	11.8		9.4 - 12.5
		Day 57	2020-08-25 08:43 (28)	11.2		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051084	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-23 15:27 (-8)	32.8		25.1 - 36.5
		Day 29	2020-07-29 14:38 (29)	27.1		25.1 - 36.5
		Day 57	2020-09-02 14:19 (36)	28.5		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-23 15:27 (-8)	0.9		0.9 - 1.1
		Day 29	2020-07-29 14:38 (29)	1.0		0.9 - 1.1
		Day 57	2020-09-02 14:19 (36)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-23 15:27 (-8)	10.9		9.4 - 12.5
		Day 29	2020-07-29 14:38 (29)	11.6		9.4 - 12.5
		Day 57	2020-09-02 14:19 (36)	11.3		9.4 - 12.5
US2051085	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-24 13:45 (-8)	33.9		25.1 - 36.5
		Day 29	2020-07-30 09:44 (29)	31.7		25.1 - 36.5
		Day 57	2020-09-01 09:26 (34)	33.6		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051085	Prothrombin Intl. Normalized Ratio	Screening	2020-06-24 13:45 (-8)	0.9		0.9 - 1.1
		Day 29	2020-07-30 09:44 (29)	0.9		0.9 - 1.1
		Day 57	2020-09-01 09:26 (34)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-24 13:45 (-8)	10.7		9.4 - 12.5
		Day 29	2020-07-30 09:44 (29)	11.3		9.4 - 12.5
		Day 57	2020-09-01 09:26 (34)	11.2		9.4 - 12.5
US2051088	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-25 10:13 (-5)	35.7		25.1 - 36.5
		Day 29	2020-07-28 09:32 (29)	32.2		25.1 - 36.5
		Day 57	2020-08-25 09:10 (29)	35.3		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-25 10:13 (-5)	1.0		0.9 - 1.1
		Day 29	2020-07-28 09:32 (29)	1.0		0.9 - 1.1
		Day 57	2020-08-25 09:10 (29)	1.0		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051088	Prothrombin Time (sec)	Screening	2020-06-25 10:13 (-5)	11.7		9.4 - 12.5
		Day 29	2020-07-28 09:32 (29)	11.8		9.4 - 12.5
		Day 57	2020-08-25 09:10 (29)	12.2		9.4 - 12.5
US2051097	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-29 14:53 (-7)	35.4		25.1 - 36.5
		Day 29	2020-08-03 09:37 (29)	35.0		25.1 - 36.5
		Day 57	2020-08-31 09:17 (29)	33.0		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-29 14:53 (-7)	0.9		0.9 - 1.1
		Day 29	2020-08-03 09:37 (29)	1.0		0.9 - 1.1
		Day 57	2020-08-31 09:17 (29)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-29 14:53 (-7)	10.7		9.4 - 12.5
		Day 29	2020-08-03 09:37 (29)	11.6		9.4 - 12.5
		Day 57	2020-08-31 09:17 (29)	11.2		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051101	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-30 10:05 (-6)	32.4		25.1 - 36.5
		Day 29	2020-08-10 08:30 (36)	31.2		25.1 - 36.5
		Day 57	2020-09-10 15:10 (32)	31.2		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-30 10:05 (-6)	0.9		0.9 - 1.1
		Day 29	2020-08-10 08:30 (36)	0.9		0.9 - 1.1
		Day 57	2020-09-10 15:10 (32)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-30 10:05 (-6)	10.3		9.4 - 12.5
		Day 29	2020-08-10 08:30 (36)	11.2		9.4 - 12.5
		Day 57	2020-09-10 15:10 (32)	10.9		9.4 - 12.5
US2051102	Activated Partial Thromboplastin Time (sec)	Screening	2020-07-01 08:23 (-5)	32.7		25.1 - 36.5
		Day 29	2020-08-03 08:43 (29)	31.5		25.1 - 36.5
		Day 57	2020-08-31 08:24 (29)	31.9		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051102	Prothrombin Intl. Normalized Ratio	Screening	2020-07-01 08:23 (-5)	1.0		0.9 - 1.1
		Day 29	2020-08-03 08:43 (29)	1.0		0.9 - 1.1
		Day 57	2020-08-31 08:24 (29)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-07-01 08:23 (-5)	11.5		9.4 - 12.5
		Day 29	2020-08-03 08:43 (29)	11.8		9.4 - 12.5
		Day 57	2020-08-31 08:24 (29)	11.7		9.4 - 12.5
US2051104	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-30 12:38 (-7)	33.0		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-30 12:38 (-7)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-30 12:38 (-7)	11.4		9.4 - 12.5
US2051106	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-30 13:27 (-6)	31.9		25.1 - 36.5
		Day 29	2020-08-04 10:36 (30)	28.7		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051106	Activated Partial Thromboplastin Time (sec)	Day 57	2020-09-01 10:33 (29)	29.8		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-30 13:27 (-6)	1.0		0.9 - 1.1
		Day 29	2020-08-04 10:36 (30)	1.0		0.9 - 1.1
		Day 57	2020-09-01 10:33 (29)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-30 13:27 (-6)	11.7		9.4 - 12.5
		Day 29	2020-08-04 10:36 (30)	11.5		9.4 - 12.5
		Day 57	2020-09-01 10:33 (29)	11.7		9.4 - 12.5
US2051108	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-30 14:57 (-6)	28.7		25.1 - 36.5
		Day 29	2020-08-10 13:40 (36)	27.3		25.1 - 36.5
		Day 57	2020-09-08 14:26 (30)	28.3		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-30 14:57 (-6)	0.9		0.9 - 1.1
		Day 29	2020-08-10 13:40 (36)	0.9		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051108	Prothrombin Intl. Normalized Ratio	Day 57	2020-09-08 14:26 (30)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-30 14:57 (-6)	10.7		9.4 - 12.5
		Day 29	2020-08-10 13:40 (36)	10.9		9.4 - 12.5
		Day 57	2020-09-08 14:26 (30)	11.1		9.4 - 12.5
US2051111	Activated Partial Thromboplastin Time (sec)	Screening	2020-07-01 13:51 (-5)	36.0		25.1 - 36.5
		Day 29	2020-08-04 14:01 (30)	35.0		25.1 - 36.5
		Day 57	2020-08-31 14:24 (28)	30.5		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-07-01 13:51 (-5)	1.0		0.9 - 1.1
		Day 29	2020-08-04 14:01 (30)	1.0		0.9 - 1.1
		Day 57	2020-08-31 14:24 (28)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-07-01 13:51 (-5)	11.4		9.4 - 12.5
		Day 29	2020-08-04 14:01 (30)	12.6 (H)	G1 Prothrombin Time Increased	9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051111	Prothrombin Time (sec)	Day 57	2020-08-31 14:24 (28)	11.6		9.4 - 12.5
US2061036	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-09 11:11 (-17)	29.1		25.1 - 36.5
		Day 29	2020-07-27 10:36 (32)	28.2		25.1 - 36.5
		Day 57	2020-08-24 17:05 (29)	31.8		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-09 11:11 (-17)	0.9		0.9 - 1.1
		Day 29	2020-07-27 10:36 (32)	0.8 (L)		0.9 - 1.1
		Day 57	2020-08-24 17:05 (29)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-09 11:11 (-17)	10.5		9.4 - 12.5
		Day 29	2020-07-27 10:36 (32)	10.2		9.4 - 12.5
		Day 57	2020-08-24 17:05 (29)	10.8		9.4 - 12.5
US2061045	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-10 16:16 (-19)	31.9		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061045	Activated Partial Thromboplastin Time (sec)	Day 29	2020-07-27 15:20 (29)	31.1		25.1 - 36.5
		Day 57	2020-08-20 13:50 (25)	32.1		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-10 16:16 (-19)	1.1		0.9 - 1.1
		Day 29	2020-07-27 15:20 (29)	1.0		0.9 - 1.1
		Day 57	2020-08-20 13:50 (25)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-10 16:16 (-19)	12.3		9.4 - 12.5
		Day 29	2020-07-27 15:20 (29)	12.3		9.4 - 12.5
		Day 57	2020-08-20 13:50 (25)	12.3		9.4 - 12.5
US2061063	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-22 13:52 (-8)	36.6 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
		Unscheduled	2020-06-24 15:38 (-6)	33.7		25.1 - 36.5
		Day 29	2020-07-28 15:35 (29)	36.5		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061063	Activated Partial Thromboplastin Time (sec)	Day 57	2020-08-31 11:32 (35)	28.9		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-22 13:52 (-8)	1.0		0.9 - 1.1
		Unscheduled	2020-06-24 15:38 (-6)	1.1		0.9 - 1.1
		Day 29	2020-07-28 15:35 (29)	1.0		0.9 - 1.1
		Day 57	2020-08-31 11:32 (35)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-22 13:52 (-8)	11.9		9.4 - 12.5
		Unscheduled	2020-06-24 15:38 (-6)	12.5		9.4 - 12.5
		Day 29	2020-07-28 15:35 (29)	12.6 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
		Day 57	2020-08-31 11:32 (35)	11.1		9.4 - 12.5
US2071006	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-25 11:08 (-8)	34.5		25.1 - 36.5
		Day 29	2020-07-01 08:45 (30)	36.3		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071006	Activated Partial Thromboplastin Time (sec)	Day 57	2020-07-27 08:37 (27)	37.8 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-25 11:08 (-8)	1.0		0.9 - 1.1
		Day 29	2020-07-01 08:45 (30)	1.0		0.9 - 1.1
		Day 57	2020-07-27 08:37 (27)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-25 11:08 (-8)	11.9		9.4 - 12.5
		Day 29	2020-07-01 08:45 (30)	11.5		9.4 - 12.5
		Day 57	2020-07-27 08:37 (27)	12.7 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
US2071013	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-25 15:42 (-8)	31.7		25.1 - 36.5
		Day 29	2020-07-09 14:32 (38)	26.9		25.1 - 36.5
		Day 57	2020-08-03 15:27 (26)	46.2 (H)	G2 Activated Partial Thromboplastin Time Increased	25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071013	Prothrombin Intl. Normalized Ratio	Screening	2020-05-25 15:42 (-8)	0.9		0.9 - 1.1
		Day 29	2020-07-09 14:32 (38)	0.9		0.9 - 1.1
		Day 57	2020-08-03 15:27 (26)	1.1		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-25 15:42 (-8)	10.8		9.4 - 12.5
		Day 29	2020-07-09 14:32 (38)	11.0		9.4 - 12.5
		Day 57	2020-08-03 15:27 (26)	13.6 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
US2071037	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-27 12:34 (-7)	35.5		25.1 - 36.5
		Day 29	2020-07-07 13:32 (35)	30.6		25.1 - 36.5
		Day 57	2020-08-03 10:22 (28)	28.8		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-27 12:34 (-7)	1.0		0.9 - 1.1
		Day 29	2020-07-07 13:32 (35)	1.1		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-27 12:34 (-7)	11.9		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071037	Prothrombin Time (sec)	Day 29	2020-07-07 13:32 (35)	12.3		9.4 - 12.5
US2071043	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-28 13:32 (-6)	34.9		25.1 - 36.5
		Day 29	2020-07-06 11:20 (34)	33.5		25.1 - 36.5
		Day 57	2020-08-03 11:36 (29)	41.6 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-28 13:32 (-6)	0.8 (L)		0.9 - 1.1
		Day 29	2020-07-06 11:20 (34)	0.9		0.9 - 1.1
		Day 57	2020-08-03 11:36 (29)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-28 13:32 (-6)	9.8		9.4 - 12.5
		Day 29	2020-07-06 11:20 (34)	10.5		9.4 - 12.5
		Day 57	2020-08-03 11:36 (29)	11.2		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071082	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-15 09:36 (-11)	34.3		25.1 - 36.5
		Day 29	2020-07-28 09:17 (33)	35.8		25.1 - 36.5
		Day 57	2020-08-26 11:47 (30)	34.0		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-15 09:36 (-11)	1.1		0.9 - 1.1
		Day 29	2020-07-28 09:17 (33)	1.0		0.9 - 1.1
		Day 57	2020-08-26 11:47 (30)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-15 09:36 (-11)	12.2		9.4 - 12.5
		Day 29	2020-07-28 09:17 (33)	12.4		9.4 - 12.5
		Day 57	2020-08-26 11:47 (30)	12.2		9.4 - 12.5
US2071087	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-18 12:36 (-8)	36.4		25.1 - 36.5
		Day 29	2020-07-30 10:30 (35)	38.5 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071087	Activated Partial Thromboplastin Time (sec)	Day 57	2020-08-28 10:18 (30)	44.2 (H)	G2 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-18 12:36 (-8)	1.0		0.9 - 1.1
		Day 29	2020-07-30 10:30 (35)	1.0		0.9 - 1.1
		Day 57	2020-08-28 10:18 (30)	1.2 (H)		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-18 12:36 (-8)	11.6		9.4 - 12.5
		Day 29	2020-07-30 10:30 (35)	12.2		9.4 - 12.5
		Day 57	2020-08-28 10:18 (30)	14.0 (H)	G2 Prothrombin Time Increased	9.4 - 12.5
US2071089	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-18 12:20 (-8)	29.9		25.1 - 36.5
		Day 29	2020-07-29 15:06 (34)	29.8		25.1 - 36.5
		Day 57	2020-08-27 10:27 (30)	39.9 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071089	Prothrombin Intl. Normalized Ratio	Screening	2020-06-18 12:20 (-8)	0.9		0.9 - 1.1
		Day 29	2020-07-29 15:06 (34)	1.0		0.9 - 1.1
		Day 57	2020-08-27 10:27 (30)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-18 12:20 (-8)	10.5		9.4 - 12.5
		Day 29	2020-07-29 15:06 (34)	12.1		9.4 - 12.5
		Day 57	2020-08-27 10:27 (30)	12.6 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
US2071091	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-19 10:06 (-7)	30.1		25.1 - 36.5
		Day 29	2020-07-27 11:08 (32)	28.1		25.1 - 36.5
		Day 57	2020-08-21 09:57 (26)	26.0		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-19 10:06 (-7)	1.0		0.9 - 1.1
		Day 29	2020-07-27 11:08 (32)	1.0		0.9 - 1.1
		Day 57	2020-08-21 09:57 (26)	1.0		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071091	Prothrombin Time (sec)	Screening	2020-06-19 10:06 (-7)	11.8		9.4 - 12.5
		Day 29	2020-07-27 11:08 (32)	12.2		9.4 - 12.5
		Day 57	2020-08-21 09:57 (26)	12.4		9.4 - 12.5
US2071093	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-22 09:09 (-7)	43.7 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
		Unscheduled	2020-06-25 (-4)	37.4 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
		Day 29	2020-07-29 09:49 (31)	29.1		25.1 - 36.5
		Day 57	2020-09-01 10:26 (35)	36.1		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-22 09:09 (-7)	1.0		0.9 - 1.1
		Unscheduled	2020-06-25 (-4)	0.9		0.9 - 1.1
		Day 29	2020-07-29 09:49 (31)	0.9		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071093	Prothrombin Intl. Normalized Ratio	Day 57	2020-09-01 10:26 (35)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-22 09:09 (-7)	11.8		9.4 - 12.5
		Unscheduled	2020-06-25 (-4)	10.1		9.4 - 12.5
		Day 29	2020-07-29 09:49 (31)	10.8		9.4 - 12.5
		Day 57	2020-09-01 10:26 (35)	11.7		9.4 - 12.5
US2071095	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-23 14:50 (-6)	30.9		25.1 - 36.5
		Day 29	2020-07-28 10:27 (30)	24.1 (L)		25.1 - 36.5
		Day 57	2020-08-25 15:01 (29)	26.8		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-23 14:50 (-6)	0.9		0.9 - 1.1
		Day 29	2020-07-28 10:27 (30)	0.9		0.9 - 1.1
		Day 57	2020-08-25 15:01 (29)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-23 14:50 (-6)	10.3		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071095	Prothrombin Time (sec)	Day 29	2020-07-28 10:27 (30)	10.7		9.4 - 12.5
		Day 57	2020-08-25 15:01 (29)	11.1		9.4 - 12.5
US2071096	Activated Partial Thromboplastin Time (sec)	Unscheduled	2020-06-30 12:55 (-2)	45.5 (H)	G2 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
		Unscheduled	2020-07-21 12:55 (20)	25.4		25.1 - 36.5
				27.0		25.1 - 36.5
		Day 57	2020-09-04 10:37 (31)	43.5 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Unscheduled	2020-06-30 12:55 (-2)	0.9		0.9 - 1.1
		Unscheduled	2020-07-21 12:55 (20)	0.9		0.9 - 1.1
				1.0		0.9 - 1.1
		Day 57	2020-09-04 10:37 (31)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Unscheduled	2020-06-30 12:55 (-2)	11.0		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071096	Prothrombin Time (sec)	Unscheduled	2020-07-21 12:55 (20)	10.6		9.4 - 12.5
				11.1		9.4 - 12.5
		Day 57	2020-09-04 10:37 (31)	12.0		9.4 - 12.5
US2081001	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-26 10:04 (-3)	35.3		25.1 - 36.5
		Day 29	2020-06-24 07:45 (27)	30.8		25.1 - 36.5
		Day 57	2020-07-23 09:00 (30)	28.4		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-26 10:04 (-3)	1.0		0.9 - 1.1
		Day 29	2020-06-24 07:45 (27)	1.0		0.9 - 1.1
		Day 57	2020-07-23 09:00 (30)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-26 10:04 (-3)	11.9		9.4 - 12.5
		Day 29	2020-06-24 07:45 (27)	11.2		9.4 - 12.5
		Day 57	2020-07-23 09:00 (30)	10.2		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081002	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-26 10:00 (-3)	32.3		25.1 - 36.5
		Day 29	2020-06-25 08:30 (28)	33.3		25.1 - 36.5
		Day 57	2020-07-24 10:00 (30)	32.6		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-26 10:00 (-3)	0.9		0.9 - 1.1
		Day 29	2020-06-25 08:30 (28)	0.9		0.9 - 1.1
		Day 57	2020-07-24 10:00 (30)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-26 10:00 (-3)	10.8		9.4 - 12.5
		Day 29	2020-06-25 08:30 (28)	10.2		9.4 - 12.5
		Day 57	2020-07-24 10:00 (30)	11.5		9.4 - 12.5
US2081014	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-27 13:55 (-5)	28.8		25.1 - 36.5
		Day 29	2020-06-30 09:20 (30)	40.8 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081014	Activated Partial Thromboplastin Time (sec)	Unscheduled	2020-07-06 09:30 (7)	28.5		25.1 - 36.5
		Day 57	2020-07-28 09:13 (29)	27.6		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-27 13:55 (-5)	0.9		0.9 - 1.1
		Day 29	2020-06-30 09:20 (30)	1.1		0.9 - 1.1
		Unscheduled	2020-07-06 09:30 (7)	1.0		0.9 - 1.1
		Day 57	2020-07-28 09:13 (29)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-27 13:55 (-5)	10.6		9.4 - 12.5
		Day 29	2020-06-30 09:20 (30)	12.8 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
		Unscheduled	2020-07-06 09:30 (7)	11.2		9.4 - 12.5
		Day 57	2020-07-28 09:13 (29)	11.4		9.4 - 12.5
US2081016	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-27 15:40 (-5)	30.3		25.1 - 36.5
		Day 29	2020-06-29 13:20 (29)	31.6		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081016	Activated Partial Thromboplastin Time (sec)	Day 57	2020-07-28 11:10 (30)	26.6		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-27 15:40 (-5)	1.0		0.9 - 1.1
		Day 29	2020-06-29 13:20 (29)	1.0		0.9 - 1.1
		Day 57	2020-07-28 11:10 (30)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-27 15:40 (-5)	11.3		9.4 - 12.5
		Day 29	2020-06-29 13:20 (29)	11.5		9.4 - 12.5
		Day 57	2020-07-28 11:10 (30)	12.2		9.4 - 12.5
US2081019	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-28 10:02 (-5)	34.7		25.1 - 36.5
		Day 29	2020-06-30 09:25 (29)	29.8		25.1 - 36.5
		Day 57	2020-07-28 10:10 (29)	29.0		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-28 10:02 (-5)	1.1		0.9 - 1.1
		Day 29	2020-06-30 09:25 (29)	0.9		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081019	Prothrombin Intl. Normalized Ratio	Day 57	2020-07-28 10:10 (29)	1.1		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-28 10:02 (-5)	12.4		9.4 - 12.5
		Day 29	2020-06-30 09:25 (29)	10.6		9.4 - 12.5
		Day 57	2020-07-28 10:10 (29)	13.3 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
US2081035	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-29 13:46 (-4)	31.2		25.1 - 36.5
		Day 29	2020-07-01 11:10 (30)	30.7		25.1 - 36.5
		Day 57	2020-07-28 08:00 (28)	32.5		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-29 13:46 (-4)	0.9		0.9 - 1.1
		Day 29	2020-07-01 11:10 (30)	1.0		0.9 - 1.1
		Day 57	2020-07-28 08:00 (28)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-29 13:46 (-4)	10.0		9.4 - 12.5
		Day 29	2020-07-01 11:10 (30)	11.6		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081035	Prothrombin Time (sec)	Day 57	2020-07-28 08:00 (28)	11.9		9.4 - 12.5
US2081069	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-11 15:20 (-15)	32.8		25.1 - 36.5
		Day 29	2020-07-24 13:20 (29)	30.5		25.1 - 36.5
		Day 57	2020-08-24 14:40 (32)	30.4		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-11 15:20 (-15)	1.0		0.9 - 1.1
		Day 29	2020-07-24 13:20 (29)	1.0		0.9 - 1.1
		Day 57	2020-08-24 14:40 (32)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-11 15:20 (-15)	11.9		9.4 - 12.5
		Day 29	2020-07-24 13:20 (29)	11.9		9.4 - 12.5
		Day 57	2020-08-24 14:40 (32)	11.6		9.4 - 12.5
US2081072	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-15 09:55 (-11)	30.3		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081072	Activated Partial Thromboplastin Time (sec)	Day 29	2020-07-24 11:05 (29)	29.2		25.1 - 36.5
		Day 57	2020-08-21 10:03 (29)	28.0		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-15 09:55 (-11)	1.0		0.9 - 1.1
		Day 29	2020-07-24 11:05 (29)	0.9		0.9 - 1.1
		Day 57	2020-08-21 10:03 (29)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-15 09:55 (-11)	11.6		9.4 - 12.5
		Day 29	2020-07-24 11:05 (29)	11.0		9.4 - 12.5
		Day 57	2020-08-21 10:03 (29)	11.1		9.4 - 12.5
US2081075	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-15 13:50 (-15)	30.5		25.1 - 36.5
		Day 29	2020-07-29 09:25 (30)	29.8		25.1 - 36.5
		Day 57	2020-08-26 10:42 (29)	37.3 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081075	Prothrombin Intl. Normalized Ratio	Screening	2020-06-15 13:50 (-15)	1.0		0.9 - 1.1
		Day 29	2020-07-29 09:25 (30)	1.0		0.9 - 1.1
		Day 57	2020-08-26 10:42 (29)	1.1		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-15 13:50 (-15)	11.5		9.4 - 12.5
		Day 29	2020-07-29 09:25 (30)	11.7		9.4 - 12.5
		Day 57	2020-08-26 10:42 (29)	13.6 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
US2081076	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-16 12:06 (-15)	30.3		25.1 - 36.5
		Day 29	2020-08-05 14:10 (36)	28.2		25.1 - 36.5
		Day 57	2020-09-03 15:17 (30)	28.7		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-16 12:06 (-15)	0.8 (L)		0.9 - 1.1
		Day 29	2020-08-05 14:10 (36)	0.9		0.9 - 1.1
		Day 57	2020-09-03 15:17 (30)	0.9		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081076	Prothrombin Time (sec)	Screening	2020-06-16 12:06 (-15)	9.8		9.4 - 12.5
		Day 29	2020-08-05 14:10 (36)	10.4		9.4 - 12.5
		Day 57	2020-09-03 15:17 (30)	10.5		9.4 - 12.5
US2081081	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-17 10:49 (-12)	29.9		25.1 - 36.5
		Day 29	2020-07-29 09:30 (31)	29.3		25.1 - 36.5
		Day 57	2020-08-27 10:42 (30)	27.1		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-17 10:49 (-12)	0.9		0.9 - 1.1
		Day 29	2020-07-29 09:30 (31)	0.9		0.9 - 1.1
		Day 57	2020-08-27 10:42 (30)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-17 10:49 (-12)	10.8		9.4 - 12.5
		Day 29	2020-07-29 09:30 (31)	11.3		9.4 - 12.5
		Day 57	2020-08-27 10:42 (30)	11.1		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081088	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-18 13:41 (-14)	31.3		25.1 - 36.5
		Day 29	2020-08-03 07:23 (33)	30.2		25.1 - 36.5
		Day 57	2020-08-31 10:37 (29)	29.7		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-18 13:41 (-14)	1.0		0.9 - 1.1
		Day 29	2020-08-03 07:23 (33)	1.0		0.9 - 1.1
		Day 57	2020-08-31 10:37 (29)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-18 13:41 (-14)	11.6		9.4 - 12.5
		Day 29	2020-08-03 07:23 (33)	11.5		9.4 - 12.5
		Day 57	2020-08-31 10:37 (29)	11.7		9.4 - 12.5
US2081091	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-19 09:06 (-14)	35.7		25.1 - 36.5
		Day 29	2020-08-03 09:06 (32)	32.2		25.1 - 36.5
		Day 57	2020-08-31 15:20 (29)	29.5		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081091	Prothrombin Intl. Normalized Ratio	Screening	2020-06-19 09:06 (-14)	0.9		0.9 - 1.1
		Day 29	2020-08-03 09:06 (32)	0.9		0.9 - 1.1
		Day 57	2020-08-31 15:20 (29)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-19 09:06 (-14)	10.5		9.4 - 12.5
		Day 29	2020-08-03 09:06 (32)	10.8		9.4 - 12.5
		Day 57	2020-08-31 15:20 (29)	11.1		9.4 - 12.5
US2081093	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-19 12:24 (-13)	33.8		25.1 - 36.5
		Day 29	2020-08-03 11:32 (33)	28.0		25.1 - 36.5
		Day 57	2020-09-01 11:29 (30)	28.3		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-19 12:24 (-13)	0.9		0.9 - 1.1
		Day 29	2020-08-03 11:32 (33)	0.9		0.9 - 1.1
		Day 57	2020-09-01 11:29 (30)	0.9		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081093	Prothrombin Time (sec)	Screening	2020-06-19 12:24 (-13)	10.6		9.4 - 12.5
		Day 29	2020-08-03 11:32 (33)	10.5		9.4 - 12.5
		Day 57	2020-09-01 11:29 (30)	11.2		9.4 - 12.5
US2081099	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-22 10:52 (-4)	31.1		25.1 - 36.5
		Day 29	2020-07-29 07:28 (34)	28.7		25.1 - 36.5
		Day 57	2020-08-26 09:47 (29)	28.9		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-22 10:52 (-4)	1.1		0.9 - 1.1
		Day 29	2020-07-29 07:28 (34)	1.0		0.9 - 1.1
		Day 57	2020-08-26 09:47 (29)	1.1		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-22 10:52 (-4)	13.0 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
		Day 29	2020-07-29 07:28 (34)	12.6 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
		Day 57	2020-08-26 09:47 (29)	13.5 (H)	G1 Prothrombin Time Increased	9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081108	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-23 13:35 (-10)	32.7		25.1 - 36.5
		Day 29	2020-07-31 11:15 (29)	27.2		25.1 - 36.5
		Day 57	2020-08-28 14:48 (29)	30.5		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-23 13:35 (-10)	0.9		0.9 - 1.1
		Day 29	2020-07-31 11:15 (29)	0.8 (L)		0.9 - 1.1
		Day 57	2020-08-28 14:48 (29)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-23 13:35 (-10)	10.0		9.4 - 12.5
		Day 29	2020-07-31 11:15 (29)	10.1		9.4 - 12.5
		Day 57	2020-08-28 14:48 (29)	10.7		9.4 - 12.5
US2081116	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-24 10:50 (-5)	32.8		25.1 - 36.5
		Day 29	2020-07-29 11:34 (31)	30.6		25.1 - 36.5
		Day 57	2020-08-27 11:29 (30)	31.5		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081116	Prothrombin Intl. Normalized Ratio	Screening	2020-06-24 10:50 (-5)	0.9		0.9 - 1.1
		Day 29	2020-07-29 11:34 (31)	0.9		0.9 - 1.1
		Day 57	2020-08-27 11:29 (30)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-24 10:50 (-5)	11.0		9.4 - 12.5
		Day 29	2020-07-29 11:34 (31)	11.3		9.4 - 12.5
		Day 57	2020-08-27 11:29 (30)	11.5		9.4 - 12.5
US2081117	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-24 12:05 (-12)	37.0 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
		Day 29	2020-08-11 14:27 (37)	28.8		25.1 - 36.5
		Day 57	2020-09-08 11:58 (29)	27.4		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-24 12:05 (-12)	0.9		0.9 - 1.1
		Day 29	2020-08-11 14:27 (37)	0.8 (L)		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081117	Prothrombin Intl. Normalized Ratio	Day 57	2020-09-08 11:58 (29)	0.8 (L)		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-24 12:05 (-12)	10.6		9.4 - 12.5
		Day 29	2020-08-11 14:27 (37)	9.8		9.4 - 12.5
		Day 57	2020-09-08 11:58 (29)	9.4		9.4 - 12.5
US2081120	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-24 13:38 (-7)	39.4 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
		Unscheduled	2020-06-29 12:05 (-2)	34.9		25.1 - 36.5
		Day 29	2020-07-29 13:11 (29)	28.6		25.1 - 36.5
		Day 57	2020-08-26 11:27 (29)	29.0		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-24 13:38 (-7)	1.0		0.9 - 1.1
		Unscheduled	2020-06-29 12:05 (-2)	1.0		0.9 - 1.1
		Day 29	2020-07-29 13:11 (29)	0.9		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081120	Prothrombin Intl. Normalized Ratio	Day 57	2020-08-26 11:27 (29)	1.1		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-24 13:38 (-7)	11.8		9.4 - 12.5
		Unscheduled	2020-06-29 12:05 (-2)	11.8		9.4 - 12.5
		Day 29	2020-07-29 13:11 (29)	11.2		9.4 - 12.5
		Day 57	2020-08-26 11:27 (29)	13.3 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
US2081121	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-24 15:40 (-12)	28.7		25.1 - 36.5
		Day 29	2020-08-10 12:15 (36)	26.5		25.1 - 36.5
		Day 57	2020-09-04 13:43 (26)	30.1		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-24 15:40 (-12)	0.9		0.9 - 1.1
		Day 29	2020-08-10 12:15 (36)	0.9		0.9 - 1.1
		Day 57	2020-09-04 13:43 (26)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-24 15:40 (-12)	10.6		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.2
Coagulation Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081121	Prothrombin Time (sec)	Day 29	2020-08-10 12:15 (36)	10.6		9.4 - 12.5
		Day 57	2020-09-04 13:43 (26)	11.2		9.4 - 12.5
US2081129	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-25 15:20 (-7)	31.5		25.1 - 36.5
		Day 29	2020-08-03 13:23 (33)	29.2		25.1 - 36.5
		Day 57	2020-08-31 13:56 (29)	27.3		25.1 - 36.5
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-25 15:20 (-7)	0.9		0.9 - 1.1
		Day 29	2020-08-03 13:23 (33)	0.9		0.9 - 1.1
		Day 57	2020-08-31 13:56 (29)	0.8 (L)		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-25 15:20 (-7)	10.2		9.4 - 12.5
		Day 29	2020-08-03 13:23 (33)	10.5		9.4 - 12.5
		Day 57	2020-08-31 13:56 (29)	10.2		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020802.sas 19NOV2020 01:47 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011030	Alanine Aminotransferase (U/L)	Screening	2020-05-27 10:18 (-6)	10		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-27 10:18 (-6)	43		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-27 10:18 (-6)	12		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-27 10:18 (-6)	3.9		- 18.8
	Creatinine (umol/L)	Screening	2020-05-27 10:18 (-6)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-27 10:18 (-6)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-27 10:18 (-6)	3.21		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-27 10:18 (-6)	11.2		7.8 - 26.7
US2011042	Alanine Aminotransferase (U/L)	Screening	2020-05-27 13:19 (-12)	14		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-27 13:19 (-12)	60		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-27 13:19 (-12)	18		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-27 13:19 (-12)	7.7		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011042	Creatinine (umol/L)	Screening	2020-05-27 13:19 (-12)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-27 13:19 (-12)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-27 13:19 (-12)	4.28		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-27 13:19 (-12)	17.1		7.8 - 26.7
US2011043	Alanine Aminotransferase (U/L)	Screening	2020-05-27 14:55 (-5)	23		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-27 14:55 (-5)	57		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-27 14:55 (-5)	23		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-27 14:55 (-5)	13.9		- 18.8
	Creatinine (umol/L)	Screening	2020-05-27 14:55 (-5)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-27 14:55 (-5)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-27 14:55 (-5)	2.86		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-27 14:55 (-5)	11.4		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011056	Alanine Aminotransferase (U/L)	Screening	2020-05-28 08:27 (-5)	18		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-05-28 08:27 (-5)	47		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-28 08:27 (-5)	14		10 - 43
	Bilirubin (umol/L)	Screening	2020-05-28 08:27 (-5)	15.0		- 18.8
	Creatinine (umol/L)	Screening	2020-05-28 08:27 (-5)	88		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-28 08:27 (-5)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-28 08:27 (-5)	5.00		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-28 08:27 (-5)	14.0		7.8 - 26.7
US2011057	Alanine Aminotransferase (U/L)	Screening	2020-05-28 08:50 (-5)	29		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-05-28 08:50 (-5)	63		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-28 08:50 (-5)	24		10 - 43
	Bilirubin (umol/L)	Screening	2020-05-28 08:50 (-5)	4.8		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011057	Creatinine (umol/L)	Screening	2020-05-28 08:50 (-5)	80		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-28 08:50 (-5)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-28 08:50 (-5)	4.64		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-28 08:50 (-5)	14.4		7.8 - 26.7
US2011060	Alanine Aminotransferase (U/L)	Screening	2020-05-28 10:19 (-5)	12		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-28 10:19 (-5)	38		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-28 10:19 (-5)	18		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-28 10:19 (-5)	9.1		- 18.8
	Creatinine (umol/L)	Screening	2020-05-28 10:19 (-5)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-28 10:19 (-5)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-28 10:19 (-5)	3.93		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-28 10:19 (-5)	13.8		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011064	Alanine Aminotransferase (U/L)	Screening	2020-05-28 12:03 (-5)	20		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-28 12:03 (-5)	40		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-28 12:03 (-5)	23		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-28 12:03 (-5)	5.8		- 18.8
	Creatinine (umol/L)	Screening	2020-05-28 12:03 (-5)	44 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-28 12:03 (-5)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-28 12:03 (-5)	3.21		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-28 12:03 (-5)	18.0		7.8 - 26.7
US2011067	Alanine Aminotransferase (U/L)	Screening	2020-05-28 13:36 (-6)	20		10 - 33
		Unscheduled	2020-06-15 (13)	21		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-28 13:36 (-6)	81		30 - 115
		Unscheduled	2020-06-15 (13)	104		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-28 13:36 (-6)	27		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011067	Aspartate Aminotransferase (U/L)	Unscheduled	2020-06-15 (13)	24		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-28 13:36 (-6)	9.2		- 18.8
		Unscheduled	2020-06-15 (13)	15.7		- 18.8
	Creatinine (umol/L)	Screening	2020-05-28 13:36 (-6)	62		62 - 124
		Unscheduled	2020-06-15 (13)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-28 13:36 (-6)	<3.4		0 - 6.8
		Unscheduled	2020-06-15 (13)	3.9		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-28 13:36 (-6)	2.14		1.78 - 7.14
		Unscheduled	2020-06-15 (13)	3.57		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-28 13:36 (-6)	8.6		7.8 - 26.7
		Unscheduled	2020-06-15 (13)	12.5		7.8 - 26.7
US2011068	Alanine Aminotransferase (U/L)	Screening	2020-05-28 13:16 (-5)	34		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-05-28 13:16 (-5)	68		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-28 13:16 (-5)	27		10 - 43

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011068	Bilirubin (umol/L)	Screening	2020-05-28 13:16 (-5)	6.7		- 18.8
	Creatinine (umol/L)	Screening	2020-05-28 13:16 (-5)	80		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-28 13:16 (-5)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-28 13:16 (-5)	5.00		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-28 13:16 (-5)	15.6		7.8 - 26.7
US2011069	Alanine Aminotransferase (U/L)	Screening	2020-05-28 14:31 (-5)	18		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-28 14:31 (-5)	94		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-28 14:31 (-5)	25		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-28 14:31 (-5)	4.8		- 18.8
	Creatinine (umol/L)	Screening	2020-05-28 14:31 (-5)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-28 14:31 (-5)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-28 14:31 (-5)	3.21		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011069	Urea Nitrogen/Creatinine	Screening	2020-05-28 14:31 (-5)	15.0		7.8 - 26.7
US2011070	Alanine Aminotransferase (U/L)	Screening	2020-05-28 14:20 (-8)	27		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-28 14:20 (-8)	84		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-28 14:20 (-8)	31		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-28 14:20 (-8)	5.8		- 18.8
	Creatinine (umol/L)	Screening	2020-05-28 14:20 (-8)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-28 14:20 (-8)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-28 14:20 (-8)	5.00		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-28 14:20 (-8)	23.3		7.8 - 26.7
US2011086	Alanine Aminotransferase (U/L)	Screening	2020-05-29 17:09 (-4)	26		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-05-29 17:09 (-4)	70		43 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011086	Aspartate Aminotransferase (U/L)	Screening	2020-05-29 17:09 (-4)	29		10 - 43
	Bilirubin (umol/L)	Screening	2020-05-29 17:09 (-4)	5.6		- 18.8
	Creatinine (umol/L)	Screening	2020-05-29 17:09 (-4)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-29 17:09 (-4)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-29 17:09 (-4)	5.71		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-29 17:09 (-4)	20.0		7.8 - 26.7
US2011088	Alanine Aminotransferase (U/L)	Screening	2020-06-01 09:35 (-3)	24		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-01 09:35 (-3)	43		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-01 09:35 (-3)	19		10 - 43
	Bilirubin (umol/L)	Screening	2020-06-01 09:35 (-3)	9.4		- 18.8
	Creatinine (umol/L)	Screening	2020-06-01 09:35 (-3)	80		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-01 09:35 (-3)	<3.4		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011088	Urea Nitrogen (mmol/L)	Screening	2020-06-01 09:35 (-3)	3.57		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-01 09:35 (-3)	11.1		7.8 - 26.7
US2021061	Alanine Aminotransferase (U/L)	Screening	2020-05-27 15:15 (-6)	14		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-05-27 15:15 (-6)	38 (L)		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-27 15:15 (-6)	16		10 - 43
	Bilirubin (umol/L)	Screening	2020-05-27 15:15 (-6)	15.4		- 18.8
	Creatinine (umol/L)	Screening	2020-05-27 15:15 (-6)	88		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-27 15:15 (-6)	3.6		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-27 15:15 (-6)	2.86		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-27 15:15 (-6)	8.0		7.8 - 26.7
US2021062	Alanine Aminotransferase (U/L)	Screening	2020-05-27 15:10 (-8)	37		10 - 40

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021062	Alanine Aminotransferase (U/L)	Unscheduled	2020-06-02 13:42 (-2)	36		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-05-27 15:10 (-8)	88		43 - 115
		Unscheduled	2020-06-02 13:42 (-2)	85		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-27 15:10 (-8)	45 (H)		10 - 43
		Unscheduled	2020-06-02 13:42 (-2)	40		10 - 43
	Bilirubin (umol/L)	Screening	2020-05-27 15:10 (-8)	16.1		- 18.8
		Unscheduled	2020-06-02 13:42 (-2)	10.9		- 18.8
	Creatinine (umol/L)	Screening	2020-05-27 15:10 (-8)	124		62 - 124
		Unscheduled	2020-06-02 13:42 (-2)	124		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-27 15:10 (-8)	3.6		0 - 6.8
		Unscheduled	2020-06-02 13:42 (-2)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-27 15:10 (-8)	8.21 (H)	G1 Blood Urea Nitrogen Increased	1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021062	Urea Nitrogen (mmol/L)	Unscheduled	2020-06-02 13:42 (-2)	7.14		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-27 15:10 (-8)	16.4		7.8 - 26.7
		Unscheduled	2020-06-02 13:42 (-2)	14.3		7.8 - 26.7
US2021073	Alanine Aminotransferase (U/L)	Screening	2020-05-28 09:50 (-5)	14		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-28 09:50 (-5)	33		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-28 09:50 (-5)	22		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-28 09:50 (-5)	4.1		- 18.8
	Creatinine (umol/L)	Screening	2020-05-28 09:50 (-5)	35 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-28 09:50 (-5)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-05-28 09:50 (-5)	2.3		1.7 - 21.5
	Urea Nitrogen (mmol/L)	Screening	2020-05-28 09:50 (-5)	4.28		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-28 09:50 (-5)	30.0 (H)		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021078	Alanine Aminotransferase (U/L)	Screening	2020-05-28 10:30 (-6)	26		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-05-28 10:30 (-6)	94		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-28 10:30 (-6)	29		10 - 43
	Bilirubin (umol/L)	Screening	2020-05-28 10:30 (-6)	8.0		- 18.8
	Creatinine (umol/L)	Screening	2020-05-28 10:30 (-6)	80		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-28 10:30 (-6)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-28 10:30 (-6)	5.00		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-28 10:30 (-6)	15.6		7.8 - 26.7
US2021082	Alanine Aminotransferase (U/L)	Screening	2020-05-28 12:39 (-6)	14		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-05-28 12:39 (-6)	81		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-28 12:39 (-6)	16		10 - 43
	Bilirubin (umol/L)	Screening	2020-05-28 12:39 (-6)	13.7		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021082	Creatinine (umol/L)	Screening	2020-05-28 12:39 (-6)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-28 12:39 (-6)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-28 12:39 (-6)	5.35		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-28 12:39 (-6)	21.4		7.8 - 26.7
US2021089	Alanine Aminotransferase (U/L)	Screening	2020-05-28 12:56 (-11)	23		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-05-28 12:56 (-11)	58		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-28 12:56 (-11)	19		10 - 43
	Bilirubin (umol/L)	Screening	2020-05-28 12:56 (-11)	12.5		- 18.8
	Creatinine (umol/L)	Screening	2020-05-28 12:56 (-11)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-28 12:56 (-11)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-28 12:56 (-11)	3.93		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-28 12:56 (-11)	15.7		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021094	Alanine Aminotransferase (U/L)	Screening	2020-05-28 14:11 (-8)	23		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-05-28 14:11 (-8)	93		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-28 14:11 (-8)	20		10 - 43
	Bilirubin (umol/L)	Screening	2020-05-28 14:11 (-8)	5.1		- 18.8
	Creatinine (umol/L)	Screening	2020-05-28 14:11 (-8)	88		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-28 14:11 (-8)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-28 14:11 (-8)	5.00		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-28 14:11 (-8)	14.0		7.8 - 26.7
US2021096	Alanine Aminotransferase (U/L)	Screening	2020-05-28 15:02 (-6)	16		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-28 15:02 (-6)	65		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-28 15:02 (-6)	18		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-28 15:02 (-6)	5.5		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021096	Creatinine (umol/L)	Screening	2020-05-28 15:02 (-6)	44 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-28 15:02 (-6)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-28 15:02 (-6)	3.57		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-28 15:02 (-6)	20.0		7.8 - 26.7
US2021107	Alanine Aminotransferase (U/L)	Screening	2020-05-28 18:15 (-6)	14		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-28 18:15 (-6)	52		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-28 18:15 (-6)	14		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-28 18:15 (-6)	2.6		- 18.8
	Creatinine (umol/L)	Screening	2020-05-28 18:15 (-6)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-28 18:15 (-6)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-28 18:15 (-6)	3.57		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-28 18:15 (-6)	12.5		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021111	Alanine Aminotransferase (U/L)	Screening	2020-05-29 09:32 (-10)	14		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-29 09:32 (-10)	97		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-29 09:32 (-10)	18		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-29 09:32 (-10)	2.7		- 18.8
	Creatinine (umol/L)	Screening	2020-05-29 09:32 (-10)	44 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-29 09:32 (-10)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-29 09:32 (-10)	4.28		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-29 09:32 (-10)	24.0		7.8 - 26.7
US2021135	Alanine Aminotransferase (U/L)	Screening	2020-06-01 15:44 (-4)	32		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-01 15:44 (-4)	57		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-01 15:44 (-4)	26		10 - 43
	Bilirubin (umol/L)	Screening	2020-06-01 15:44 (-4)	4.6		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021135	Creatinine (umol/L)	Screening	2020-06-01 15:44 (-4)	97		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-01 15:44 (-4)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-01 15:44 (-4)	5.00		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-01 15:44 (-4)	12.7		7.8 - 26.7
US2021137	Alanine Aminotransferase (U/L)	Screening	2020-06-01 16:14 (-7)	13		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-01 16:14 (-7)	52		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-01 16:14 (-7)	24		10 - 43
	Bilirubin (umol/L)	Screening	2020-06-01 16:14 (-7)	2.7		- 18.8
	Creatinine (umol/L)	Screening	2020-06-01 16:14 (-7)	88		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-01 16:14 (-7)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-01 16:14 (-7)	6.07		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-01 16:14 (-7)	17.0		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021138	Alanine Aminotransferase (U/L)	Screening	2020-06-01 17:09 (-3)	13		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-01 17:09 (-3)	46		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-01 17:09 (-3)	19		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-01 17:09 (-3)	2.9		- 18.8
	Creatinine (umol/L)	Screening	2020-06-01 17:09 (-3)	44 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-01 17:09 (-3)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-01 17:09 (-3)	2.14		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-01 17:09 (-3)	12.0		7.8 - 26.7
US2021144	Alanine Aminotransferase (U/L)	Screening	2020-06-02 16:55 (-3)	27		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-02 16:55 (-3)	59		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-02 16:55 (-3)	13		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-02 16:55 (-3)	4.3		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021144	Creatinine (umol/L)	Screening	2020-06-02 16:55 (-3)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-02 16:55 (-3)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-02 16:55 (-3)	4.28		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-02 16:55 (-3)	20.0		7.8 - 26.7
US2021155	Alanine Aminotransferase (U/L)	Screening	2020-06-03 10:55 (-5)	34		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-03 10:55 (-5)	83		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-03 10:55 (-5)	26		10 - 43
	Bilirubin (umol/L)	Screening	2020-06-03 10:55 (-5)	14.5		- 18.8
	Creatinine (umol/L)	Screening	2020-06-03 10:55 (-5)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-03 10:55 (-5)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-03 10:55 (-5)	4.28		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-03 10:55 (-5)	15.0		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021161	Alanine Aminotransferase (U/L)	Screening	2020-06-03 13:16 (-5)	12		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-03 13:16 (-5)	54		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-03 13:16 (-5)	16		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-03 13:16 (-5)	5.8		- 18.8
	Creatinine (umol/L)	Screening	2020-06-03 13:16 (-5)	44 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-03 13:16 (-5)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-03 13:16 (-5)	6.43		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-03 13:16 (-5)	36.0 (H)		7.8 - 26.7
US2021162	Alanine Aminotransferase (U/L)	Screening	2020-06-03 13:10 (-5)	10		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-03 13:10 (-5)	66		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-03 13:10 (-5)	14		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-03 13:10 (-5)	3.9		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021162	Creatinine (umol/L)	Screening	2020-06-03 13:10 (-5)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-03 13:10 (-5)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-03 13:10 (-5)	3.21		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-03 13:10 (-5)	15.0		7.8 - 26.7
US2021175	Alanine Aminotransferase (U/L)	Screening	2020-06-04 16:40 (-4)	23		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-04 16:40 (-4)	68		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-04 16:40 (-4)	24		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-04 16:40 (-4)	5.5		- 18.8
	Creatinine (umol/L)	Screening	2020-06-04 16:40 (-4)	80		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-04 16:40 (-4)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-04 16:40 (-4)	6.43		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-04 16:40 (-4)	20.0		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031001	Alanine Aminotransferase (U/L)	Screening	2020-05-26 08:17 (-3)	18		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-26 08:17 (-3)	28 (L)		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-26 08:17 (-3)	22		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-26 08:17 (-3)	2.6		- 18.8
	Creatinine (umol/L)	Screening	2020-05-26 08:17 (-3)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-26 08:17 (-3)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-26 08:17 (-3)	5.00		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-26 08:17 (-3)	23.3		7.8 - 26.7
US2031009	Alanine Aminotransferase (U/L)	Screening	2020-05-26 10:44 (-6)	24		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-05-26 10:44 (-6)	64		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-26 10:44 (-6)	29		10 - 43
	Bilirubin (umol/L)	Screening	2020-05-26 10:44 (-6)	7.5		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031009	Creatinine (umol/L)	Screening	2020-05-26 10:44 (-6)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-26 10:44 (-6)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-26 10:44 (-6)	3.93		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-26 10:44 (-6)	15.7		7.8 - 26.7
US2031014	Alanine Aminotransferase (U/L)	Screening	2020-05-26 11:37 (-3)	14		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-26 11:37 (-3)	33		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-26 11:37 (-3)	17		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-26 11:37 (-3)	18.8		- 18.8
	Creatinine (umol/L)	Screening	2020-05-26 11:37 (-3)	44 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-26 11:37 (-3)	4.6		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-26 11:37 (-3)	3.57		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-26 11:37 (-3)	20.0		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031022	Alanine Aminotransferase (U/L)	Screening	2020-05-26 15:23 (-3)	23		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-05-26 15:23 (-3)	71		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-26 15:23 (-3)	31		10 - 43
	Bilirubin (umol/L)	Screening	2020-05-26 15:23 (-3)	10.8		- 18.8
	Creatinine (umol/L)	Screening	2020-05-26 15:23 (-3)	115		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-26 15:23 (-3)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-26 15:23 (-3)	6.07		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-26 15:23 (-3)	13.1		7.8 - 26.7
US2031023	Alanine Aminotransferase (U/L)	Screening	2020-05-26 16:04 (-3)	22		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-26 16:04 (-3)	72		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-26 16:04 (-3)	24		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-26 16:04 (-3)	4.6		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031023	Creatinine (umol/L)	Screening	2020-05-26 16:04 (-3)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-26 16:04 (-3)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-26 16:04 (-3)	4.64		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-26 16:04 (-3)	21.7		7.8 - 26.7
US2031029	Alanine Aminotransferase (U/L)	Screening	2020-05-27 08:47 (-6)	11		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-27 08:47 (-6)	72		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-27 08:47 (-6)	14		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-27 08:47 (-6)	5.6		- 18.8
	Creatinine (umol/L)	Screening	2020-05-27 08:47 (-6)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-27 08:47 (-6)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-27 08:47 (-6)	5.35		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-27 08:47 (-6)	21.4		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031038	Alanine Aminotransferase (U/L)	Screening	2020-05-27 11:06 (-7)	16		10 - 40
		Unscheduled	2020-06-01 07:30 (-2)	17		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-05-27 11:06 (-7)	83		43 - 115
		Unscheduled	2020-06-01 07:30 (-2)	93		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-27 11:06 (-7)	28		10 - 43
		Unscheduled	2020-06-01 07:30 (-2)	29		10 - 43
	Bilirubin (umol/L)	Screening	2020-05-27 11:06 (-7)	7.2		- 18.8
		Unscheduled	2020-06-01 07:30 (-2)	5.1		- 18.8
	Creatinine (umol/L)	Screening	2020-05-27 11:06 (-7)	71		62 - 124
		Unscheduled	2020-06-01 07:30 (-2)	80		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-27 11:06 (-7)	<3.4		0 - 6.8
		Unscheduled	2020-06-01 07:30 (-2)	<3.4		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031038	Urea Nitrogen (mmol/L)	Screening	2020-05-27 11:06 (-7)	4.64		1.78 - 7.14
		Unscheduled	2020-06-01 07:30 (-2)	4.28		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-27 11:06 (-7)	16.2		7.8 - 26.7
		Unscheduled	2020-06-01 07:30 (-2)	13.3		7.8 - 26.7
US2031040	Alanine Aminotransferase (U/L)	Screening	2020-05-27 11:44 (-5)	21		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-05-27 11:44 (-5)	78		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-27 11:44 (-5)	38		10 - 43
	Bilirubin (umol/L)	Screening	2020-05-27 11:44 (-5)	5.8		- 18.8
	Creatinine (umol/L)	Screening	2020-05-27 11:44 (-5)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-27 11:44 (-5)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-27 11:44 (-5)	3.57		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-27 11:44 (-5)	14.3		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031041	Alanine Aminotransferase (U/L)	Screening	2020-05-27 12:05 (-6)	20		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-27 12:05 (-6)	60		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-27 12:05 (-6)	16		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-27 12:05 (-6)	9.9		- 18.8
	Creatinine (umol/L)	Screening	2020-05-27 12:05 (-6)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-27 12:05 (-6)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-27 12:05 (-6)	5.71		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-27 12:05 (-6)	26.7		7.8 - 26.7
US2031043	Alanine Aminotransferase (U/L)	Screening	2020-05-27 13:20 (-8)	42 (H)		10 - 40
		Unscheduled	2020-06-01 16:08 (-3)	29		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-05-27 13:20 (-8)	62		43 - 115
		Unscheduled	2020-06-01 16:08 (-3)	78		43 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031043	Aspartate Aminotransferase (U/L)	Screening	2020-05-27 13:20 (-8)	39		10 - 43
		Unscheduled	2020-06-01 16:08 (-3)	28		10 - 43
	Bilirubin (umol/L)	Screening	2020-05-27 13:20 (-8)	28.0 (H)	G1 Bilirubin Increased	- 18.8
		Unscheduled	2020-06-01 16:08 (-3)	8.0		- 18.8
	Creatinine (umol/L)	Screening	2020-05-27 13:20 (-8)	71		62 - 124
		Unscheduled	2020-06-01 16:08 (-3)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-27 13:20 (-8)	5.6		0 - 6.8
		Unscheduled	2020-06-01 16:08 (-3)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-27 13:20 (-8)	4.28		1.78 - 7.14
		Unscheduled	2020-06-01 16:08 (-3)	4.28		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-27 13:20 (-8)	15.0		7.8 - 26.7
		Unscheduled	2020-06-01 16:08 (-3)	15.0		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031045	Alanine Aminotransferase (U/L)	Screening	2020-05-27 15:28 (-6)	21		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-05-27 15:28 (-6)	37 (L)		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-27 15:28 (-6)	28		10 - 43
	Bilirubin (umol/L)	Screening	2020-05-27 15:28 (-6)	5.6		- 18.8
	Creatinine (umol/L)	Screening	2020-05-27 15:28 (-6)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-27 15:28 (-6)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-27 15:28 (-6)	5.35		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-27 15:28 (-6)	18.8		7.8 - 26.7
US2031048	Alanine Aminotransferase (U/L)	Screening	2020-05-28 08:09 (-4)	19		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-05-28 08:09 (-4)	98		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-28 08:09 (-4)	22		10 - 43
	Bilirubin (umol/L)	Screening	2020-05-28 08:09 (-4)	8.7		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031048	Creatinine (umol/L)	Screening	2020-05-28 08:09 (-4)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-28 08:09 (-4)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-28 08:09 (-4)	5.00		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-28 08:09 (-4)	17.5		7.8 - 26.7
US2031049	Alanine Aminotransferase (U/L)	Screening	2020-05-28 08:39 (-4)	19		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-28 08:39 (-4)	51		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-28 08:39 (-4)	19		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-28 08:39 (-4)	6.8		- 18.8
	Creatinine (umol/L)	Screening	2020-05-28 08:39 (-4)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-28 08:39 (-4)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-28 08:39 (-4)	3.57		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-28 08:39 (-4)	16.7		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031058	Alanine Aminotransferase (U/L)	Screening	2020-05-28 16:35 (-4)	18		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-28 16:35 (-4)	61		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-28 16:35 (-4)	18		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-28 16:35 (-4)	2.7		- 18.8
	Creatinine (umol/L)	Screening	2020-05-28 16:35 (-4)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-28 16:35 (-4)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-28 16:35 (-4)	6.43		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-28 16:35 (-4)	22.5		7.8 - 26.7
US2031071	Alanine Aminotransferase (U/L)	Screening	2020-05-29 11:58 (-6)	10		10 - 33
		Unscheduled	2020-06-01 14:34 (-3)	12		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-29 11:58 (-6)	50		30 - 115
		Unscheduled	2020-06-01 14:34 (-3)	50		30 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031071	Aspartate Aminotransferase (U/L)	Screening	2020-05-29 11:58 (-6)	17		10 - 36
		Unscheduled	2020-06-01 14:34 (-3)	14		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-29 11:58 (-6)	6.0		- 18.8
		Unscheduled	2020-06-01 14:34 (-3)	3.6		- 18.8
	Creatinine (umol/L)	Screening	2020-05-29 11:58 (-6)	53 (L)		62 - 124
		Unscheduled	2020-06-01 14:34 (-3)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-29 11:58 (-6)	<3.4		0 - 6.8
		Unscheduled	2020-06-01 14:34 (-3)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-29 11:58 (-6)	5.71		1.78 - 7.14
		Unscheduled	2020-06-01 14:34 (-3)	4.64		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-29 11:58 (-6)	26.7		7.8 - 26.7
		Unscheduled	2020-06-01 14:34 (-3)	18.6		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031074	Alanine Aminotransferase (U/L)	Screening	2020-05-29 14:09 (-4)	17		10 - 33
		Unscheduled	2020-06-15 15:23 (14)	23		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-29 14:09 (-4)	73		30 - 115
		Unscheduled	2020-06-15 15:23 (14)	91		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-29 14:09 (-4)	23		10 - 36
		Unscheduled	2020-06-15 15:23 (14)	26		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-29 14:09 (-4)	4.8		- 18.8
		Unscheduled	2020-06-15 15:23 (14)	4.1		- 18.8
	Creatinine (umol/L)	Screening	2020-05-29 14:09 (-4)	44 (L)		62 - 124
		Unscheduled	2020-06-15 15:23 (14)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-29 14:09 (-4)	<3.4		0 - 6.8
		Unscheduled	2020-06-15 15:23 (14)	<3.4		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031074	Urea Nitrogen (mmol/L)	Screening	2020-05-29 14:09 (-4)	4.28		1.78 - 7.14
		Unscheduled	2020-06-15 15:23 (14)	4.28		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-29 14:09 (-4)	24.0		7.8 - 26.7
		Unscheduled	2020-06-15 15:23 (14)	20.0		7.8 - 26.7
US2031081	Alanine Aminotransferase (U/L)	Screening	2020-06-02 13:32 (-2)	13		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-02 13:32 (-2)	71		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-02 13:32 (-2)	18		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-02 13:32 (-2)	9.2		- 18.8
	Creatinine (umol/L)	Screening	2020-06-02 13:32 (-2)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-02 13:32 (-2)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-02 13:32 (-2)	5.00		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-02 13:32 (-2)	17.5		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041005	Alanine Aminotransferase (U/L)	Screening	2020-05-26 09:44 (-3)	12		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-26 09:44 (-3)	72		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-26 09:44 (-3)	19		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-26 09:44 (-3)	5.3		- 18.8
	Creatinine (umol/L)	Screening	2020-05-26 09:44 (-3)	44 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-26 09:44 (-3)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-26 09:44 (-3)	3.93		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-26 09:44 (-3)	22.0		7.8 - 26.7
US2041011	Alanine Aminotransferase (U/L)	Screening	2020-05-26 11:23 (-6)	19		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-26 11:23 (-6)	82		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-26 11:23 (-6)	24		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-26 11:23 (-6)	8.4		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041011	Creatinine (umol/L)	Screening	2020-05-26 11:23 (-6)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-26 11:23 (-6)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-05-26 11:23 (-6)	138.6 (H)		1.7 - 21.5
	Urea Nitrogen (mmol/L)	Screening	2020-05-26 11:23 (-6)	3.93		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-26 11:23 (-6)	15.7		7.8 - 26.7
US2041014	Alanine Aminotransferase (U/L)	Screening	2020-05-26 13:54 (-3)	26		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-05-26 13:54 (-3)	49		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-26 13:54 (-3)	28		10 - 43
	Bilirubin (umol/L)	Screening	2020-05-26 13:54 (-3)	8.0		- 18.8
	Creatinine (umol/L)	Screening	2020-05-26 13:54 (-3)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-26 13:54 (-3)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-26 13:54 (-3)	6.07		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041014	Urea Nitrogen/Creatinine	Screening	2020-05-26 13:54 (-3)	21.2		7.8 - 26.7
US2041019	Alanine Aminotransferase (U/L)	Screening	2020-05-26 15:00 (-7)	26		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-05-26 15:00 (-7)	96		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-26 15:00 (-7)	38		10 - 43
	Bilirubin (umol/L)	Screening	2020-05-26 15:00 (-7)	7.2		- 18.8
	Creatinine (umol/L)	Screening	2020-05-26 15:00 (-7)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-26 15:00 (-7)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-26 15:00 (-7)	4.28		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-26 15:00 (-7)	15.0		7.8 - 26.7
US2041020	Alanine Aminotransferase (U/L)	Screening	2020-05-26 15:13 (-8)	28		10 - 40
		Unscheduled	2020-06-01 07:39 (-2)	28		10 - 40

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041020	Alkaline Phosphatase (U/L)	Screening	2020-05-26 15:13 (-8)	66		43 - 115
		Unscheduled	2020-06-01 07:39 (-2)	64		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-26 15:13 (-8)	27		10 - 43
		Unscheduled	2020-06-01 07:39 (-2)	24		10 - 43
	Bilirubin (umol/L)	Screening	2020-05-26 15:13 (-8)	5.5		- 18.8
		Unscheduled	2020-06-01 07:39 (-2)	8.0		- 18.8
	Creatinine (umol/L)	Screening	2020-05-26 15:13 (-8)	53 (L)		62 - 124
		Unscheduled	2020-06-01 07:39 (-2)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-26 15:13 (-8)	<3.4		0 - 6.8
		Unscheduled	2020-06-01 07:39 (-2)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-26 15:13 (-8)	3.57		1.78 - 7.14
		Unscheduled	2020-06-01 07:39 (-2)	4.64		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041020	Urea Nitrogen/Creatinine	Screening	2020-05-26 15:13 (-8)	16.7		7.8 - 26.7
		Unscheduled	2020-06-01 07:39 (-2)	18.6		7.8 - 26.7
US2041022	Alanine Aminotransferase (U/L)	Screening	2020-05-27 08:05 (-9)	13		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-27 08:05 (-9)	44		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-27 08:05 (-9)	15		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-27 08:05 (-9)	6.7		- 18.8
	Creatinine (umol/L)	Screening	2020-05-27 08:05 (-9)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-27 08:05 (-9)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-27 08:05 (-9)	2.86		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-27 08:05 (-9)	11.4		7.8 - 26.7
US2041025	Alanine Aminotransferase (U/L)	Screening	2020-05-27 09:00 (-6)	29		10 - 33

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041025	Alkaline Phosphatase (U/L)	Screening	2020-05-27 09:00 (-6)	84		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-27 09:00 (-6)	27		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-27 09:00 (-6)	6.3		- 18.8
	Creatinine (umol/L)	Screening	2020-05-27 09:00 (-6)	35 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-27 09:00 (-6)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-05-27 09:00 (-6)	101.9 (H)		1.7 - 21.5
	Urea Nitrogen (mmol/L)	Screening	2020-05-27 09:00 (-6)	6.78		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-27 09:00 (-6)	47.5 (H)		7.8 - 26.7
US2041029	Alanine Aminotransferase (U/L)	Screening	2020-05-27 11:14 (-5)	19		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-05-27 11:14 (-5)	66		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-27 11:14 (-5)	22		10 - 43
	Bilirubin (umol/L)	Screening	2020-05-27 11:14 (-5)	7.2		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041029	Creatinine (umol/L)	Screening	2020-05-27 11:14 (-5)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-27 11:14 (-5)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-27 11:14 (-5)	6.43		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-27 11:14 (-5)	30.0 (H)		7.8 - 26.7
US2041034	Alanine Aminotransferase (U/L)	Screening	2020-05-27 13:52 (-5)	16		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-27 13:52 (-5)	58		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-27 13:52 (-5)	26		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-27 13:52 (-5)	9.7		- 18.8
	Creatinine (umol/L)	Screening	2020-05-27 13:52 (-5)	80		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-27 13:52 (-5)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-05-27 13:52 (-5)	72.9 (H)		1.7 - 21.5
	Urea Nitrogen (mmol/L)	Screening	2020-05-27 13:52 (-5)	4.28		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041034	Urea Nitrogen/Creatinine	Screening	2020-05-27 13:52 (-5)	13.3		7.8 - 26.7
US2041042	Alanine Aminotransferase (U/L)	Screening	2020-05-27 16:22 (-5)	16		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-27 16:22 (-5)	56		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-27 16:22 (-5)	17		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-27 16:22 (-5)	7.2		- 18.8
	Creatinine (umol/L)	Screening	2020-05-27 16:22 (-5)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-27 16:22 (-5)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-27 16:22 (-5)	2.50		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-27 16:22 (-5)	10.0		7.8 - 26.7
US2041043	Alanine Aminotransferase (U/L)	Screening	2020-05-28 07:36 (-6)	12		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-28 07:36 (-6)	46		30 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041043	Aspartate Aminotransferase (U/L)	Screening	2020-05-28 07:36 (-6)	18		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-28 07:36 (-6)	6.2		- 18.8
	Creatinine (umol/L)	Screening	2020-05-28 07:36 (-6)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-28 07:36 (-6)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-28 07:36 (-6)	5.00		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-28 07:36 (-6)	17.5		7.8 - 26.7
US2041056	Alanine Aminotransferase (U/L)	Screening	2020-05-28 13:35 (-5)	23		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-05-28 13:35 (-5)	76		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-28 13:35 (-5)	31		10 - 43
	Bilirubin (umol/L)	Screening	2020-05-28 13:35 (-5)	14.2		- 18.8
	Creatinine (umol/L)	Screening	2020-05-28 13:35 (-5)	80		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-28 13:35 (-5)	<3.4		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041056	Urea Nitrogen (mmol/L)	Screening	2020-05-28 13:35 (-5)	6.43		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-28 13:35 (-5)	20.0		7.8 - 26.7
US2041059	Alanine Aminotransferase (U/L)	Screening	2020-05-28 15:02 (-5)	12		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-28 15:02 (-5)	54		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-28 15:02 (-5)	15		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-28 15:02 (-5)	6.2		- 18.8
	Creatinine (umol/L)	Screening	2020-05-28 15:02 (-5)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-28 15:02 (-5)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-28 15:02 (-5)	4.64		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-28 15:02 (-5)	18.6		7.8 - 26.7
US2041062	Alanine Aminotransferase (U/L)	Screening	2020-05-28 15:55 (-5)	14		10 - 33

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041062	Alkaline Phosphatase (U/L)	Screening	2020-05-28 15:55 (-5)	64		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-28 15:55 (-5)	19		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-28 15:55 (-5)	3.8		- 18.8
	Creatinine (umol/L)	Screening	2020-05-28 15:55 (-5)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-28 15:55 (-5)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-28 15:55 (-5)	4.28		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-28 15:55 (-5)	20.0		7.8 - 26.7
US2041078	Alanine Aminotransferase (U/L)	Screening	2020-05-29 11:34 (-5)	10		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-29 11:34 (-5)	45		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-29 11:34 (-5)	15		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-29 11:34 (-5)	9.4		- 18.8
	Creatinine (umol/L)	Screening	2020-05-29 11:34 (-5)	44 (L)		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041078	Direct Bilirubin (umol/L)	Screening	2020-05-29 11:34 (-5)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-29 11:34 (-5)	2.50		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-29 11:34 (-5)	14.0		7.8 - 26.7
US2041086	Alanine Aminotransferase (U/L)	Screening	2020-06-05 08:38 (-3)	18		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-05 08:38 (-3)	60		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-05 08:38 (-3)	30		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-05 08:38 (-3)	8.6		- 18.8
	Creatinine (umol/L)	Screening	2020-06-05 08:38 (-3)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-05 08:38 (-3)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-05 08:38 (-3)	6.78		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-05 08:38 (-3)	31.7 (H)		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041089	Alanine Aminotransferase (U/L)	Screening	2020-06-05 10:18 (-3)	20		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-05 10:18 (-3)	53		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-05 10:18 (-3)	19		10 - 43
	Bilirubin (umol/L)	Screening	2020-06-05 10:18 (-3)	10.9		- 18.8
	Creatinine (umol/L)	Screening	2020-06-05 10:18 (-3)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-05 10:18 (-3)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-05 10:18 (-3)	5.35		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-05 10:18 (-3)	18.8		7.8 - 26.7
US2041090	Alanine Aminotransferase (U/L)	Screening	2020-06-05 10:48 (-3)	20		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-05 10:48 (-3)	71		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-05 10:48 (-3)	25		10 - 43
	Bilirubin (umol/L)	Screening	2020-06-05 10:48 (-3)	7.0		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041090	Creatinine (umol/L)	Screening	2020-06-05 10:48 (-3)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-05 10:48 (-3)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-05 10:48 (-3)	4.28		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-05 10:48 (-3)	15.0		7.8 - 26.7
US2051022	Alanine Aminotransferase (U/L)	Screening	2020-05-28 08:51 (-6)	19		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-28 08:51 (-6)	54		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-28 08:51 (-6)	23		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-28 08:51 (-6)	2.9		- 18.8
	Creatinine (umol/L)	Screening	2020-05-28 08:51 (-6)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-28 08:51 (-6)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-28 08:51 (-6)	4.28		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-28 08:51 (-6)	17.1		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051035	Alanine Aminotransferase (U/L)	Screening	2020-05-28 15:20 (-7)	19		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-28 15:20 (-7)	66		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-28 15:20 (-7)	20		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-28 15:20 (-7)	5.3		- 18.8
	Creatinine (umol/L)	Screening	2020-05-28 15:20 (-7)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-28 15:20 (-7)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-28 15:20 (-7)	1.43 (L)		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-28 15:20 (-7)	6.7 (L)		7.8 - 26.7
US2051036	Alanine Aminotransferase (U/L)	Screening	2020-05-28 15:43 (-5)	16		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-05-28 15:43 (-5)	79		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-28 15:43 (-5)	19		10 - 43
	Bilirubin (umol/L)	Screening	2020-05-28 15:43 (-5)	2.7		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051036	Creatinine (umol/L)	Screening	2020-05-28 15:43 (-5)	80		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-28 15:43 (-5)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-28 15:43 (-5)	4.28		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-28 15:43 (-5)	13.3		7.8 - 26.7
US2051044	Alanine Aminotransferase (U/L)	Screening	2020-06-03 12:37 (-2)	39		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-03 12:37 (-2)	52		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-03 12:37 (-2)	36		10 - 43
	Bilirubin (umol/L)	Screening	2020-06-03 12:37 (-2)	13.2		- 18.8
	Creatinine (umol/L)	Screening	2020-06-03 12:37 (-2)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-03 12:37 (-2)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-03 12:37 (-2)	4.28		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-03 12:37 (-2)	15.0		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061003	Alanine Aminotransferase (U/L)	Screening	2020-05-28 10:42 (-7)	28		10 - 33
		Unscheduled	2020-06-02 13:33 (-2)	18		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-28 10:42 (-7)	47		30 - 115
		Unscheduled	2020-06-02 13:33 (-2)	43		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-28 10:42 (-7)	26		10 - 36
		Unscheduled	2020-06-02 13:33 (-2)	22		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-28 10:42 (-7)	20.9 (H)	G1 Bilirubin Increased	- 18.8
		Unscheduled	2020-06-02 13:33 (-2)	16.9		- 18.8
	Creatinine (umol/L)	Screening	2020-05-28 10:42 (-7)	62		62 - 124
		Unscheduled	2020-06-02 13:33 (-2)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-28 10:42 (-7)	5.6		0 - 6.8
		Unscheduled	2020-06-02 13:33 (-2)	4.3		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061003	Urea Nitrogen (mmol/L)	Screening	2020-05-28 10:42 (-7)	4.28		1.78 - 7.14
		Unscheduled	2020-06-02 13:33 (-2)	5.00		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-28 10:42 (-7)	17.1		7.8 - 26.7
		Unscheduled	2020-06-02 13:33 (-2)	20.0		7.8 - 26.7
US2061015	Alanine Aminotransferase (U/L)	Screening	2020-05-29 09:02 (-5)	12		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-29 09:02 (-5)	47		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-29 09:02 (-5)	16		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-29 09:02 (-5)	4.8		- 18.8
	Creatinine (umol/L)	Screening	2020-05-29 09:02 (-5)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-29 09:02 (-5)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-29 09:02 (-5)	4.64		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-29 09:02 (-5)	16.2		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061018	Alanine Aminotransferase (U/L)	Screening	2020-05-29 09:55 (-7)	21		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-29 09:55 (-7)	84		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-29 09:55 (-7)	27		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-29 09:55 (-7)	7.0		- 18.8
	Creatinine (umol/L)	Screening	2020-05-29 09:55 (-7)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-29 09:55 (-7)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-29 09:55 (-7)	4.28		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-29 09:55 (-7)	20.0		7.8 - 26.7
US2061021	Alanine Aminotransferase (U/L)	Screening	2020-05-29 11:22 (-6)	26		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-05-29 11:22 (-6)	56		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-29 11:22 (-6)	32		10 - 43
	Bilirubin (umol/L)	Screening	2020-05-29 11:22 (-6)	7.7		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061021	Creatinine (umol/L)	Screening	2020-05-29 11:22 (-6)	80		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-29 11:22 (-6)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-29 11:22 (-6)	3.93		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-29 11:22 (-6)	12.2		7.8 - 26.7
US2061022	Alanine Aminotransferase (U/L)	Screening	2020-05-29 14:20 (-5)	29		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-29 14:20 (-5)	68		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-29 14:20 (-5)	22		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-29 14:20 (-5)	3.8		- 18.8
	Creatinine (umol/L)	Screening	2020-05-29 14:20 (-5)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-29 14:20 (-5)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-05-29 14:20 (-5)	84.8 (H)		1.7 - 21.5
	Urea Nitrogen (mmol/L)	Screening	2020-05-29 14:20 (-5)	5.35		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061022	Urea Nitrogen/Creatinine	Screening	2020-05-29 14:20 (-5)	25.0		7.8 - 26.7
US2061024	Alanine Aminotransferase (U/L)	Screening	2020-05-29 14:31 (-5)	24		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-05-29 14:31 (-5)	50		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-29 14:31 (-5)	19		10 - 43
	Bilirubin (umol/L)	Screening	2020-05-29 14:31 (-5)	4.1		- 18.8
	Creatinine (umol/L)	Screening	2020-05-29 14:31 (-5)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-29 14:31 (-5)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-29 14:31 (-5)	7.14		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-29 14:31 (-5)	25.0		7.8 - 26.7
US2061032	Alanine Aminotransferase (U/L)	Screening	2020-06-03 16:11 (-2)	15		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-03 16:11 (-2)	98		30 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061032	Aspartate Aminotransferase (U/L)	Screening	2020-06-03 16:11 (-2)	16		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-03 16:11 (-2)	3.4		- 18.8
	Creatinine (umol/L)	Screening	2020-06-03 16:11 (-2)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-03 16:11 (-2)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-03 16:11 (-2)	160.6 (H)		1.7 - 21.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-03 16:11 (-2)	3.21		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-03 16:11 (-2)	15.0		7.8 - 26.7
US2071012	Alanine Aminotransferase (U/L)	Screening	2020-05-25 15:02 (-9)	12		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-25 15:02 (-9)	55		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-25 15:02 (-9)	15		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-25 15:02 (-9)	5.8		- 18.8
	Creatinine (umol/L)	Screening	2020-05-25 15:02 (-9)	44 (L)		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071012	Direct Bilirubin (umol/L)	Screening	2020-05-25 15:02 (-9)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-25 15:02 (-9)	4.28		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-25 15:02 (-9)	24.0		7.8 - 26.7
US2071014	Alanine Aminotransferase (U/L)	Screening	2020-05-25 16:31 (-9)	42		5 - 50
	Alkaline Phosphatase (U/L)	Screening	2020-05-25 16:31 (-9)	76		60 - 270
	Aspartate Aminotransferase (U/L)	Screening	2020-05-25 16:31 (-9)	20		9 - 55
	Bilirubin (umol/L)	Screening	2020-05-25 16:31 (-9)	9.9		- 17.1
	Creatinine (umol/L)	Screening	2020-05-25 16:31 (-9)	97		71 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-25 16:31 (-9)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-25 16:31 (-9)	5.35		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-25 16:31 (-9)	13.6		

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071017	Alanine Aminotransferase (U/L)	Screening	2020-05-25 17:29 (-8)	13		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-25 17:29 (-8)	61		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-25 17:29 (-8)	13		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-25 17:29 (-8)	13.5		- 18.8
	Creatinine (umol/L)	Screening	2020-05-25 17:29 (-8)	44 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-25 17:29 (-8)	4.1		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-25 17:29 (-8)	6.43		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-25 17:29 (-8)	36.0 (H)		7.8 - 26.7
US2071022	Alanine Aminotransferase (U/L)	Screening	2020-05-26 09:43 (-8)	40		10 - 40
		Day 57	2020-08-06 (65)	9 (L)		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-05-26 09:43 (-8)	70		43 - 115
		Day 57	2020-08-06 (65)	52		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-26 09:43 (-8)	24		10 - 43

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071022	Aspartate Aminotransferase (U/L)	Day 57	2020-08-06 (65)	12		10 - 43
	Bilirubin (umol/L)	Screening	2020-05-26 09:43 (-8)	6.3		- 18.8
		Day 57	2020-08-06 (65)	3.8		- 18.8
	Creatinine (umol/L)	Screening	2020-05-26 09:43 (-8)	71		62 - 124
		Day 57	2020-08-06 (65)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-26 09:43 (-8)	<3.4		0 - 6.8
		Day 57	2020-08-06 (65)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-26 09:43 (-8)	3.93		1.78 - 7.14
		Day 57	2020-08-06 (65)	2.86		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-26 09:43 (-8)	13.8		7.8 - 26.7
		Day 57	2020-08-06 (65)	13.3		7.8 - 26.7
US2071042	Alanine Aminotransferase (U/L)	Screening	2020-05-28 11:50 (-7)	34		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-05-28 11:50 (-7)	58		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-28 11:50 (-7)	21		10 - 43

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071042	Bilirubin (umol/L)	Screening	2020-05-28 11:50 (-7)	5.3		- 18.8
	Creatinine (umol/L)	Screening	2020-05-28 11:50 (-7)	80		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-28 11:50 (-7)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-28 11:50 (-7)	4.28		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-28 11:50 (-7)	13.3		7.8 - 26.7
US2071044	Alanine Aminotransferase (U/L)	Screening	2020-05-28 14:23 (-11)	13		10 - 33
		Unscheduled	2020-06-03 (-5)	11		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-28 14:23 (-11)	30		30 - 115
		Unscheduled	2020-06-03 (-5)	34		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-28 14:23 (-11)	12		10 - 36
		Unscheduled	2020-06-03 (-5)	12		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-28 14:23 (-11)	3.1		- 18.8
		Unscheduled	2020-06-03 (-5)	6.5		- 18.8
	Creatinine (umol/L)	Screening	2020-05-28 14:23 (-11)	44 (L)		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071044	Creatinine (umol/L)	Unscheduled	2020-06-03 (-5)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-28 14:23 (-11)	<3.4		0 - 6.8
		Unscheduled	2020-06-03 (-5)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-28 14:23 (-11)	3.57		1.78 - 7.14
		Unscheduled	2020-06-03 (-5)	2.50		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-28 14:23 (-11)	20.0		7.8 - 26.7
		Unscheduled	2020-06-03 (-5)	11.7		7.8 - 26.7
US2071046	Alanine Aminotransferase (U/L)	Screening	2020-05-28 15:53 (-7)	19		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-28 15:53 (-7)	107		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-28 15:53 (-7)	14		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-28 15:53 (-7)	5.3		- 18.8
	Creatinine (umol/L)	Screening	2020-05-28 15:53 (-7)	44 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-28 15:53 (-7)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-28 15:53 (-7)	2.86		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071046	Urea Nitrogen/Creatinine	Screening	2020-05-28 15:53 (-7)	16.0		7.8 - 26.7
US2071049	Alanine Aminotransferase (U/L)	Screening	2020-05-29 09:37 (-6)	13		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-29 09:37 (-6)	49		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-29 09:37 (-6)	14		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-29 09:37 (-6)	3.9		- 18.8
	Creatinine (umol/L)	Screening	2020-05-29 09:37 (-6)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-29 09:37 (-6)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-29 09:37 (-6)	4.64		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-29 09:37 (-6)	16.2		7.8 - 26.7
US2071050	Alanine Aminotransferase (U/L)	Screening	2020-05-29 10:32 (-7)	17		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-05-29 10:32 (-7)	36 (L)		43 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071050	Aspartate Aminotransferase (U/L)	Screening	2020-05-29 10:32 (-7)	15		10 - 43
	Bilirubin (umol/L)	Screening	2020-05-29 10:32 (-7)	7.9		- 18.8
	Creatinine (umol/L)	Screening	2020-05-29 10:32 (-7)	44 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-29 10:32 (-7)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-29 10:32 (-7)	4.64		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-29 10:32 (-7)	26.0		7.8 - 26.7
US2071059	Alanine Aminotransferase (U/L)	Screening	2020-06-01 12:12 (-7)	16		10 - 33
		Unscheduled	2020-06-04 10:56 (-4)	12		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-01 12:12 (-7)	128 (H)	G1 Alkaline Phosphatase Increased	30 - 115
		Unscheduled	2020-06-04 10:56 (-4)	114		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-01 12:12 (-7)	17		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071059	Aspartate Aminotransferase (U/L)	Unscheduled	2020-06-04 10:56 (-4)	13		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-01 12:12 (-7)	7.4		- 18.8
		Unscheduled	2020-06-04 10:56 (-4)	4.1		- 18.8
	Creatinine (umol/L)	Screening	2020-06-01 12:12 (-7)	62		62 - 124
		Unscheduled	2020-06-04 10:56 (-4)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-01 12:12 (-7)	<3.4		0 - 6.8
		Unscheduled	2020-06-04 10:56 (-4)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-01 12:12 (-7)	3.57		1.78 - 7.14
		Unscheduled	2020-06-04 10:56 (-4)	5.71		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-01 12:12 (-7)	14.3		7.8 - 26.7
		Unscheduled	2020-06-04 10:56 (-4)	22.9		7.8 - 26.7
US2071062	Alanine Aminotransferase (U/L)	Screening	2020-06-01 15:12 (-3)	16		10 - 40

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071062	Alkaline Phosphatase (U/L)	Screening	2020-06-01 15:12 (-3)	105		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-01 15:12 (-3)	17		10 - 43
	Bilirubin (umol/L)	Screening	2020-06-01 15:12 (-3)	10.1		- 18.8
	Creatinine (umol/L)	Screening	2020-06-01 15:12 (-3)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-01 15:12 (-3)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-01 15:12 (-3)	3.93		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-01 15:12 (-3)	15.7		7.8 - 26.7
US2071064	Alanine Aminotransferase (U/L)	Screening	2020-06-01 16:39 (-4)	11		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-01 16:39 (-4)	104		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-01 16:39 (-4)	20		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-01 16:39 (-4)	8.2		- 18.8
	Creatinine (umol/L)	Screening	2020-06-01 16:39 (-4)	62		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071064	Direct Bilirubin (umol/L)	Screening	2020-06-01 16:39 (-4)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-01 16:39 (-4)	3.57		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-01 16:39 (-4)	14.3		7.8 - 26.7
US2071066	Alanine Aminotransferase (U/L)	Screening	2020-06-01 17:48 (-8)	40		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-01 17:48 (-8)	95		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-01 17:48 (-8)	23		10 - 43
	Bilirubin (umol/L)	Screening	2020-06-01 17:48 (-8)	4.4		- 18.8
	Creatinine (umol/L)	Screening	2020-06-01 17:48 (-8)	88		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-01 17:48 (-8)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-01 17:48 (-8)	5.00		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-01 17:48 (-8)	14.0		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071070	Alanine Aminotransferase (U/L)	Screening	2020-06-02 10:10 (-6)	22		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-02 10:10 (-6)	48		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-02 10:10 (-6)	20		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-02 10:10 (-6)	7.0		- 18.8
	Creatinine (umol/L)	Screening	2020-06-02 10:10 (-6)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-02 10:10 (-6)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-02 10:10 (-6)	4.64		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-02 10:10 (-6)	21.7		7.8 - 26.7
US2071072	Alanine Aminotransferase (U/L)	Screening	2020-06-02 13:41 (-3)	15		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-02 13:41 (-3)	54		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-02 13:41 (-3)	25		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-02 13:41 (-3)	5.0		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071072	Creatinine (umol/L)	Screening	2020-06-02 13:41 (-3)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-02 13:41 (-3)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-02 13:41 (-3)	5.71		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-02 13:41 (-3)	22.9		7.8 - 26.7
US2081026	Alanine Aminotransferase (U/L)	Screening	2020-05-29 07:45 (-6)	13		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-29 07:45 (-6)	53		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-29 07:45 (-6)	19		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-29 07:45 (-6)	5.6		- 18.8
	Creatinine (umol/L)	Screening	2020-05-29 07:45 (-6)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-29 07:45 (-6)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-29 07:45 (-6)	3.93		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-29 07:45 (-6)	18.3		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081033	Alanine Aminotransferase (U/L)	Screening	2020-05-29 12:22 (-4)	15		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-29 12:22 (-4)	47		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-29 12:22 (-4)	20		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-29 12:22 (-4)	15.2		- 18.8
	Creatinine (umol/L)	Screening	2020-05-29 12:22 (-4)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-29 12:22 (-4)	3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-29 12:22 (-4)	4.64		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-29 12:22 (-4)	21.7		7.8 - 26.7
US2081038	Alanine Aminotransferase (U/L)	Screening	2020-06-01 07:46 (-7)	18		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-01 07:46 (-7)	53		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-01 07:46 (-7)	20		10 - 43
	Bilirubin (umol/L)	Screening	2020-06-01 07:46 (-7)	19.7 (H)		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081038	Creatinine (umol/L)	Screening	2020-06-01 07:46 (-7)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-01 07:46 (-7)	4.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-01 07:46 (-7)	4.64		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-01 07:46 (-7)	16.2		7.8 - 26.7
US2081042	Alanine Aminotransferase (U/L)	Screening	2020-06-01 12:27 (-9)	26		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-01 12:27 (-9)	41		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-01 12:27 (-9)	31		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-01 12:27 (-9)	6.3		- 18.8
	Creatinine (umol/L)	Screening	2020-06-01 12:27 (-9)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-01 12:27 (-9)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-01 12:27 (-9)	5.71		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-01 12:27 (-9)	22.9		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081046	Alanine Aminotransferase (U/L)	Screening	2020-06-02 07:53 (-6)	23		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-02 07:53 (-6)	59		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-02 07:53 (-6)	24		10 - 43
	Bilirubin (umol/L)	Screening	2020-06-02 07:53 (-6)	7.0		- 18.8
	Creatinine (umol/L)	Screening	2020-06-02 07:53 (-6)	80		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-02 07:53 (-6)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-02 07:53 (-6)	5.35		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-02 07:53 (-6)	16.7		7.8 - 26.7
US2081049	Alanine Aminotransferase (U/L)	Screening	2020-06-02 10:49 (-7)	17		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-02 10:49 (-7)	66		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-02 10:49 (-7)	25		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-02 10:49 (-7)	10.1		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081049	Creatinine (umol/L)	Screening	2020-06-02 10:49 (-7)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-02 10:49 (-7)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-02 10:49 (-7)	5.35		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-02 10:49 (-7)	25.0		7.8 - 26.7
US2081057	Alanine Aminotransferase (U/L)	Screening	2020-06-03 15:44 (-2)	30		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-03 15:44 (-2)	80		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-03 15:44 (-2)	24		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-03 15:44 (-2)	4.6		- 18.8
	Creatinine (umol/L)	Screening	2020-06-03 15:44 (-2)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-03 15:44 (-2)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-03 15:44 (-2)	5.71		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-03 15:44 (-2)	22.9		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081058	Alanine Aminotransferase (U/L)	Screening	2020-06-04 09:07 (-4)	11		10 - 33
		Day 29	2020-07-06 (29)	9 (L)		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-04 09:07 (-4)	107		30 - 115
		Day 29	2020-07-06 (29)	91		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-04 09:07 (-4)	18		10 - 36
		Day 29	2020-07-06 (29)	14		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-04 09:07 (-4)	10.8		- 18.8
		Day 29	2020-07-06 (29)	8.4		- 18.8
	Creatinine (umol/L)	Screening	2020-06-04 09:07 (-4)	62		62 - 124
		Day 29	2020-07-06 (29)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-04 09:07 (-4)	<3.4		0 - 6.8
		Day 29	2020-07-06 (29)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-04 09:07 (-4)	5.00		1.78 - 7.14
		Day 29	2020-07-06 (29)	5.35		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-04 09:07 (-4)	20.0		7.8 - 26.7
		Day 29	2020-07-06 (29)	25.0		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011020	Alanine Aminotransferase (U/L)	Screening	2020-05-26 18:00 (-6)	12		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-26 18:00 (-6)	47		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-26 18:00 (-6)	12		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-26 18:00 (-6)	5.1		- 18.8
	Creatinine (umol/L)	Screening	2020-05-26 18:00 (-6)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-26 18:00 (-6)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-26 18:00 (-6)	2.86		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-26 18:00 (-6)	11.4		7.8 - 26.7
US2011029	Alanine Aminotransferase (U/L)	Screening	2020-05-27 11:05 (-5)	13		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-27 11:05 (-5)	59		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-27 11:05 (-5)	21		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-27 11:05 (-5)	3.4		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011029	Creatinine (umol/L)	Screening	2020-05-27 11:05 (-5)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-27 11:05 (-5)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-27 11:05 (-5)	3.21		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-27 11:05 (-5)	15.0		7.8 - 26.7
US2011048	Alanine Aminotransferase (U/L)	Screening	2020-05-27 16:13 (-5)	21		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-27 16:13 (-5)	122 (H)		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-27 16:13 (-5)	23		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-27 16:13 (-5)	5.0		- 18.8
	Creatinine (umol/L)	Screening	2020-05-27 16:13 (-5)	80		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-27 16:13 (-5)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-27 16:13 (-5)	3.57		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-27 16:13 (-5)	11.1		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011051	Alanine Aminotransferase (U/L)	Screening	2020-05-27 17:05 (-6)	21		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-27 17:05 (-6)	102		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-27 17:05 (-6)	24		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-27 17:05 (-6)	3.1		- 18.8
	Creatinine (umol/L)	Screening	2020-05-27 17:05 (-6)	44 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-27 17:05 (-6)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-27 17:05 (-6)	3.57		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-27 17:05 (-6)	20.0		7.8 - 26.7
US2011055	Alanine Aminotransferase (U/L)	Screening	2020-05-28 08:34 (-5)	16		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-28 08:34 (-5)	42		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-28 08:34 (-5)	17		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-28 08:34 (-5)	5.5		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011055	Creatinine (umol/L)	Screening	2020-05-28 08:34 (-5)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-28 08:34 (-5)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-28 08:34 (-5)	3.93		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-28 08:34 (-5)	18.3		7.8 - 26.7
US2011061	Alanine Aminotransferase (U/L)	Screening	2020-05-28 10:32 (-6)	18		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-05-28 10:32 (-6)	91		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-28 10:32 (-6)	16		10 - 43
	Bilirubin (umol/L)	Screening	2020-05-28 10:32 (-6)	19.7 (H)		- 18.8
	Creatinine (umol/L)	Screening	2020-05-28 10:32 (-6)	80		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-28 10:32 (-6)	4.6		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-28 10:32 (-6)	6.43		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-28 10:32 (-6)	20.0		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011084	Alanine Aminotransferase (U/L)	Screening	2020-05-29 14:01 (-4)	28		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-05-29 14:01 (-4)	81		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-29 14:01 (-4)	40		10 - 43
	Bilirubin (umol/L)	Screening	2020-05-29 14:01 (-4)	5.5		- 18.8
	Creatinine (umol/L)	Screening	2020-05-29 14:01 (-4)	80		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-29 14:01 (-4)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-29 14:01 (-4)	3.93		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-29 14:01 (-4)	12.2		7.8 - 26.7
US2011087	Alanine Aminotransferase (U/L)	Screening	2020-05-29 17:53 (-5)	32		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-05-29 17:53 (-5)	42 (L)		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-29 17:53 (-5)	30		10 - 43
	Bilirubin (umol/L)	Screening	2020-05-29 17:53 (-5)	5.6		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011087	Creatinine (umol/L)	Screening	2020-05-29 17:53 (-5)	80		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-29 17:53 (-5)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-29 17:53 (-5)	5.35		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-29 17:53 (-5)	16.7		7.8 - 26.7
US2011090	Alanine Aminotransferase (U/L)	Screening	2020-06-01 11:41 (-3)	24		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-01 11:41 (-3)	45		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-01 11:41 (-3)	25		10 - 43
	Bilirubin (umol/L)	Screening	2020-06-01 11:41 (-3)	20.2 (H)		- 18.8
	Creatinine (umol/L)	Screening	2020-06-01 11:41 (-3)	97		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-01 11:41 (-3)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-01 11:41 (-3)	3.93		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-01 11:41 (-3)	10.0		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011091	Alanine Aminotransferase (U/L)	Screening	2020-06-01 11:56 (-3)	25		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-01 11:56 (-3)	69		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-01 11:56 (-3)	26		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-01 11:56 (-3)	6.2		- 18.8
	Creatinine (umol/L)	Screening	2020-06-01 11:56 (-3)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-01 11:56 (-3)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-01 11:56 (-3)	5.00		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-01 11:56 (-3)	17.5		7.8 - 26.7
US2011092	Alanine Aminotransferase (U/L)	Screening	2020-06-02 15:03 (-3)	29		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-02 15:03 (-3)	44		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-02 15:03 (-3)	34		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-02 15:03 (-3)	18.0		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011092	Creatinine (umol/L)	Screening	2020-06-02 15:03 (-3)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-02 15:03 (-3)	3.9		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-02 15:03 (-3)	4.64		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-02 15:03 (-3)	18.6		7.8 - 26.7
US2011093	Alanine Aminotransferase (U/L)	Screening	2020-06-02 17:06 (-6)	19		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-02 17:06 (-6)	41		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-02 17:06 (-6)	17		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-02 17:06 (-6)	5.0		- 18.8
	Creatinine (umol/L)	Screening	2020-06-02 17:06 (-6)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-02 17:06 (-6)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-02 17:06 (-6)	4.28		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-02 17:06 (-6)	15.0		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011095	Alanine Aminotransferase (U/L)	Screening	2020-06-03 13:00 (-2)	15		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-03 13:00 (-2)	42		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-03 13:00 (-2)	20		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-03 13:00 (-2)	9.4		- 18.8
	Creatinine (umol/L)	Screening	2020-06-03 13:00 (-2)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-03 13:00 (-2)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-03 13:00 (-2)	1.78		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-03 13:00 (-2)	8.3		7.8 - 26.7
US2011102	Alanine Aminotransferase (U/L)	Screening	2020-06-05 14:03 (-3)	29		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-05 14:03 (-3)	113		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-05 14:03 (-3)	27		10 - 43
	Bilirubin (umol/L)	Screening	2020-06-05 14:03 (-3)	11.8		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011102	Creatinine (umol/L)	Screening	2020-06-05 14:03 (-3)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-05 14:03 (-3)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-05 14:03 (-3)	5.00		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-05 14:03 (-3)	17.5		7.8 - 26.7
US2021058	Alanine Aminotransferase (U/L)	Screening	2020-05-27 13:51 (-9)	9 (L)		10 - 33
		Unscheduled	2020-06-01 11:43 (-4)	11		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-27 13:51 (-9)	78		30 - 115
		Unscheduled	2020-06-01 11:43 (-4)	78		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-27 13:51 (-9)	20		10 - 36
		Unscheduled	2020-06-01 11:43 (-4)	17		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-27 13:51 (-9)	6.2		- 18.8
		Unscheduled	2020-06-01 11:43 (-4)	5.3		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021058	Creatinine (umol/L)	Screening	2020-05-27 13:51 (-9)	53 (L)		62 - 124
		Unscheduled	2020-06-01 11:43 (-4)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-27 13:51 (-9)	<3.4		0 - 6.8
		Unscheduled	2020-06-01 11:43 (-4)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-27 13:51 (-9)	2.86		1.78 - 7.14
		Unscheduled	2020-06-01 11:43 (-4)	2.50		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-27 13:51 (-9)	13.3		7.8 - 26.7
		Unscheduled	2020-06-01 11:43 (-4)	11.7		7.8 - 26.7
US2021064	Alanine Aminotransferase (U/L)	Screening	2020-05-27 15:22 (-12)	18		10 - 33
		Unscheduled	2020-06-02 08:12 (-6)	17		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-27 15:22 (-12)	91		30 - 115
		Unscheduled	2020-06-02 08:12 (-6)	79		30 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021064	Aspartate Aminotransferase (U/L)	Screening	2020-05-27 15:22 (-12)	18		10 - 36
		Unscheduled	2020-06-02 08:12 (-6)	18		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-27 15:22 (-12)	3.4		- 18.8
		Unscheduled	2020-06-02 08:12 (-6)	7.0		- 18.8
	Creatinine (umol/L)	Screening	2020-05-27 15:22 (-12)	62		62 - 124
		Unscheduled	2020-06-02 08:12 (-6)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-27 15:22 (-12)	<3.4		0 - 6.8
		Unscheduled	2020-06-02 08:12 (-6)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-05-27 15:22 (-12)	20.2		1.7 - 21.5
	Urea Nitrogen (mmol/L)	Screening	2020-05-27 15:22 (-12)	5.71		1.78 - 7.14
		Unscheduled	2020-06-02 08:12 (-6)	5.35		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-27 15:22 (-12)	22.9		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021064	Urea Nitrogen/Creatinine	Unscheduled	2020-06-02 08:12 (-6)	18.8		7.8 - 26.7
US2021084	Alanine Aminotransferase (U/L)	Screening	2020-05-28 11:25 (-8)	18		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-05-28 11:25 (-8)	93		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-28 11:25 (-8)	19		10 - 43
	Bilirubin (umol/L)	Screening	2020-05-28 11:25 (-8)	10.6		- 18.8
	Creatinine (umol/L)	Screening	2020-05-28 11:25 (-8)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-28 11:25 (-8)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-28 11:25 (-8)	3.93		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-28 11:25 (-8)	13.8		7.8 - 26.7
US2021090	Alanine Aminotransferase (U/L)	Screening	2020-05-28 13:00 (-5)	15		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-28 13:00 (-5)	59		30 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021090	Aspartate Aminotransferase (U/L)	Screening	2020-05-28 13:00 (-5)	17		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-28 13:00 (-5)	8.2		- 18.8
	Creatinine (umol/L)	Screening	2020-05-28 13:00 (-5)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-28 13:00 (-5)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-05-28 13:00 (-5)	63.8 (H)		1.7 - 21.5
	Urea Nitrogen (mmol/L)	Screening	2020-05-28 13:00 (-5)	5.35		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-28 13:00 (-5)	21.4		7.8 - 26.7
US2021147	Alanine Aminotransferase (U/L)	Screening	2020-06-02 18:24 (-3)	34		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-02 18:24 (-3)	82		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-02 18:24 (-3)	29		10 - 43
	Bilirubin (umol/L)	Screening	2020-06-02 18:24 (-3)	9.2		- 18.8
	Creatinine (umol/L)	Screening	2020-06-02 18:24 (-3)	71		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021147	Direct Bilirubin (umol/L)	Screening	2020-06-02 18:24 (-3)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-02 18:24 (-3)	5.35		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-02 18:24 (-3)	18.8		7.8 - 26.7
US2021166	Alanine Aminotransferase (U/L)	Screening	2020-06-03 17:28 (-2)	17		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-03 17:28 (-2)	39		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-03 17:28 (-2)	20		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-03 17:28 (-2)	13.5		- 18.8
	Creatinine (umol/L)	Screening	2020-06-03 17:28 (-2)	80		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-03 17:28 (-2)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-03 17:28 (-2)	4.28		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-03 17:28 (-2)	13.3		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021167	Alanine Aminotransferase (U/L)	Screening	2020-06-03 17:02 (-5)	16		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-03 17:02 (-5)	65		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-03 17:02 (-5)	20		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-03 17:02 (-5)	4.8		- 18.8
	Creatinine (umol/L)	Screening	2020-06-03 17:02 (-5)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-03 17:02 (-5)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-03 17:02 (-5)	2.86		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-03 17:02 (-5)	11.4		7.8 - 26.7
US2021179	Alanine Aminotransferase (U/L)	Screening	2020-06-05 10:49 (-3)	19		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-05 10:49 (-3)	38		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-05 10:49 (-3)	22		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-05 10:49 (-3)	7.2		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021179	Creatinine (umol/L)	Screening	2020-06-05 10:49 (-3)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-05 10:49 (-3)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-05 10:49 (-3)	3.57		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-05 10:49 (-3)	16.7		7.8 - 26.7
US2031002	Alanine Aminotransferase (U/L)	Screening	2020-05-26 08:34 (-3)	12		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-26 08:34 (-3)	53		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-26 08:34 (-3)	18		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-26 08:34 (-3)	3.8		- 18.8
	Creatinine (umol/L)	Screening	2020-05-26 08:34 (-3)	44 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-26 08:34 (-3)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-26 08:34 (-3)	3.57		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-26 08:34 (-3)	20.0		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031004	Alanine Aminotransferase (U/L)	Screening	2020-05-26 09:25 (-3)	36 (H)		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-26 09:25 (-3)	39		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-26 09:25 (-3)	26		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-26 09:25 (-3)	6.0		- 18.8
	Creatinine (umol/L)	Screening	2020-05-26 09:25 (-3)	35 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-26 09:25 (-3)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-26 09:25 (-3)	3.57		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-26 09:25 (-3)	25.0		7.8 - 26.7
US2031011	Alanine Aminotransferase (U/L)	Screening	2020-05-26 11:08 (-3)	29		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-26 11:08 (-3)	52		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-26 11:08 (-3)	27		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-26 11:08 (-3)	6.7		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031011	Creatinine (umol/L)	Screening	2020-05-26 11:08 (-3)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-26 11:08 (-3)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-05-26 11:08 (-3)	58.7 (H)		1.7 - 21.5
	Urea Nitrogen (mmol/L)	Screening	2020-05-26 11:08 (-3)	4.28		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-26 11:08 (-3)	20.0		7.8 - 26.7
US2031016	Alanine Aminotransferase (U/L)	Screening	2020-05-26 12:01 (-9)	24		10 - 40
		Unscheduled	2020-06-01 15:47 (-3)	24		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-05-26 12:01 (-9)	52		43 - 115
		Unscheduled	2020-06-01 15:47 (-3)	56		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-26 12:01 (-9)	21		10 - 43
		Unscheduled	2020-06-01 15:47 (-3)	19		10 - 43
	Bilirubin (umol/L)	Screening	2020-05-26 12:01 (-9)	5.8		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031016	Bilirubin (umol/L)	Unscheduled	2020-06-01 15:47 (-3)	8.4		- 18.8
	Creatinine (umol/L)	Screening	2020-05-26 12:01 (-9)	44 (L)		62 - 124
		Unscheduled	2020-06-01 15:47 (-3)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-26 12:01 (-9)	<3.4		0 - 6.8
		Unscheduled	2020-06-01 15:47 (-3)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-26 12:01 (-9)	4.28		1.78 - 7.14
		Unscheduled	2020-06-01 15:47 (-3)	4.28		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-26 12:01 (-9)	24.0		7.8 - 26.7
		Unscheduled	2020-06-01 15:47 (-3)	17.1		7.8 - 26.7
US2031030	Alanine Aminotransferase (U/L)	Screening	2020-05-27 09:12 (-7)	10		10 - 33
		Unscheduled	2020-06-01 10:25 (-2)	11		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-27 09:12 (-7)	67		30 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031030	Alkaline Phosphatase (U/L)	Unscheduled	2020-06-01 10:25 (-2)	70		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-27 09:12 (-7)	11		10 - 36
		Unscheduled	2020-06-01 10:25 (-2)	15		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-27 09:12 (-7)	6.8		- 18.8
		Unscheduled	2020-06-01 10:25 (-2)	3.6		- 18.8
	Creatinine (umol/L)	Screening	2020-05-27 09:12 (-7)	62		62 - 124
		Unscheduled	2020-06-01 10:25 (-2)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-27 09:12 (-7)	<3.4		0 - 6.8
		Unscheduled	2020-06-01 10:25 (-2)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-27 09:12 (-7)	6.43		1.78 - 7.14
		Unscheduled	2020-06-01 10:25 (-2)	6.78		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-27 09:12 (-7)	25.7		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031030	Urea Nitrogen/Creatinine	Unscheduled	2020-06-01 10:25 (-2)	27.1 (H)		7.8 - 26.7
US2031042	Alanine Aminotransferase (U/L)	Screening	2020-05-27 15:16 (-8)	13		10 - 33
		Unscheduled	2020-06-01 12:32 (-3)	12		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-27 15:16 (-8)	62		30 - 115
		Unscheduled	2020-06-01 12:32 (-3)	65		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-27 15:16 (-8)	13		10 - 36
		Unscheduled	2020-06-01 12:32 (-3)	16		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-27 15:16 (-8)	5.0		- 18.8
		Unscheduled	2020-06-01 12:32 (-3)	6.0		- 18.8
	Creatinine (umol/L)	Screening	2020-05-27 15:16 (-8)	62		62 - 124
		Unscheduled	2020-06-01 12:32 (-3)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-27 15:16 (-8)	<3.4		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031042	Direct Bilirubin (umol/L)	Unscheduled	2020-06-01 12:32 (-3)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-27 15:16 (-8)	2.86		1.78 - 7.14
		Unscheduled	2020-06-01 12:32 (-3)	2.50		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-27 15:16 (-8)	11.4		7.8 - 26.7
		Unscheduled	2020-06-01 12:32 (-3)	10.0		7.8 - 26.7
US2031051	Alanine Aminotransferase (U/L)	Screening	2020-05-28 10:44 (-4)	16		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-28 10:44 (-4)	43		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-28 10:44 (-4)	29		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-28 10:44 (-4)	4.6		- 18.8
	Creatinine (umol/L)	Screening	2020-05-28 10:44 (-4)	44 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-28 10:44 (-4)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-28 10:44 (-4)	6.43		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031051	Urea Nitrogen/Creatinine	Screening	2020-05-28 10:44 (-4)	36.0 (H)		7.8 - 26.7
US2031056	Alanine Aminotransferase (U/L)	Screening	2020-05-28 15:15 (-4)	19		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-05-28 15:15 (-4)	62		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-28 15:15 (-4)	20		10 - 43
	Bilirubin (umol/L)	Screening	2020-05-28 15:15 (-4)	7.9		- 18.8
	Creatinine (umol/L)	Screening	2020-05-28 15:15 (-4)	88		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-28 15:15 (-4)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-28 15:15 (-4)	6.07		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-28 15:15 (-4)	17.0		7.8 - 26.7
US2031057	Alanine Aminotransferase (U/L)	Screening	2020-05-28 15:24 (-6)	15		10 - 40
		Unscheduled	2020-06-01 14:57 (-2)	16		10 - 40

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031057	Alkaline Phosphatase (U/L)	Screening	2020-05-28 15:24 (-6)	56		43 - 115
		Unscheduled	2020-06-01 14:57 (-2)	59		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-28 15:24 (-6)	22		10 - 43
		Unscheduled	2020-06-01 14:57 (-2)	18		10 - 43
	Bilirubin (umol/L)	Screening	2020-05-28 15:24 (-6)	10.1		- 18.8
		Unscheduled	2020-06-01 14:57 (-2)	10.6		- 18.8
	Creatinine (umol/L)	Screening	2020-05-28 15:24 (-6)	97		62 - 124
		Unscheduled	2020-06-01 14:57 (-2)	88		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-28 15:24 (-6)	<3.4		0 - 6.8
		Unscheduled	2020-06-01 14:57 (-2)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-28 15:24 (-6)	6.43		1.78 - 7.14
		Unscheduled	2020-06-01 14:57 (-2)	3.93		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031057	Urea Nitrogen/Creatinine	Screening	2020-05-28 15:24 (-6)	16.4		7.8 - 26.7
		Unscheduled	2020-06-01 14:57 (-2)	11.0		7.8 - 26.7
US2031063	Alanine Aminotransferase (U/L)	Screening	2020-05-28 17:50 (-5)	22		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-05-28 17:50 (-5)	53		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-28 17:50 (-5)	21		10 - 43
	Bilirubin (umol/L)	Screening	2020-05-28 17:50 (-5)	6.7		- 18.8
	Creatinine (umol/L)	Screening	2020-05-28 17:50 (-5)	97		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-28 17:50 (-5)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-28 17:50 (-5)	7.14		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-28 17:50 (-5)	18.2		7.8 - 26.7
US2031066	Alanine Aminotransferase (U/L)	Screening	2020-05-29 09:26 (-4)	17		10 - 33

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031066	Alkaline Phosphatase (U/L)	Screening	2020-05-29 09:26 (-4)	43		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-29 09:26 (-4)	19		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-29 09:26 (-4)	8.6		- 18.8
	Creatinine (umol/L)	Screening	2020-05-29 09:26 (-4)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-29 09:26 (-4)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-29 09:26 (-4)	3.93		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-29 09:26 (-4)	13.8		7.8 - 26.7
US2031072	Alanine Aminotransferase (U/L)	Screening	2020-05-29 14:14 (-5)	23		10 - 33
		Unscheduled	2020-06-01 11:29 (-2)	22		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-29 14:14 (-5)	76		30 - 115
		Unscheduled	2020-06-01 11:29 (-2)	74		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-29 14:14 (-5)	23		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031072	Aspartate Aminotransferase (U/L)	Unscheduled	2020-06-01 11:29 (-2)	20		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-29 14:14 (-5)	6.0		- 18.8
		Unscheduled	2020-06-01 11:29 (-2)	6.7		- 18.8
	Creatinine (umol/L)	Screening	2020-05-29 14:14 (-5)	53 (L)		62 - 124
		Unscheduled	2020-06-01 11:29 (-2)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-29 14:14 (-5)	<3.4		0 - 6.8
		Unscheduled	2020-06-01 11:29 (-2)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-29 14:14 (-5)	4.64		1.78 - 7.14
		Unscheduled	2020-06-01 11:29 (-2)	5.35		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-29 14:14 (-5)	21.7		7.8 - 26.7
		Unscheduled	2020-06-01 11:29 (-2)	21.4		7.8 - 26.7
US2031080	Alanine Aminotransferase (U/L)	Screening	2020-06-02 12:20 (-2)	12		10 - 33

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031080	Alkaline Phosphatase (U/L)	Screening	2020-06-02 12:20 (-2)	45		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-02 12:20 (-2)	20		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-02 12:20 (-2)	7.7		- 18.8
	Creatinine (umol/L)	Screening	2020-06-02 12:20 (-2)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-02 12:20 (-2)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-02 12:20 (-2)	2.50		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-02 12:20 (-2)	11.7		7.8 - 26.7
US2041002	Alanine Aminotransferase (U/L)	Screening	2020-05-26 09:03 (-7)	42 (H)		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-05-26 09:03 (-7)	77		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-26 09:03 (-7)	42		10 - 43
	Bilirubin (umol/L)	Screening	2020-05-26 09:03 (-7)	6.5		- 18.8
	Creatinine (umol/L)	Screening	2020-05-26 09:03 (-7)	80		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041002	Direct Bilirubin (umol/L)	Screening	2020-05-26 09:03 (-7)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-26 09:03 (-7)	3.93		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-26 09:03 (-7)	12.2		7.8 - 26.7
US2041003	Alanine Aminotransferase (U/L)	Screening	2020-05-26 08:50 (-7)	18		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-26 08:50 (-7)	99		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-26 08:50 (-7)	21		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-26 08:50 (-7)	2.7		- 18.8
	Creatinine (umol/L)	Screening	2020-05-26 08:50 (-7)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-26 08:50 (-7)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-26 08:50 (-7)	5.35		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-26 08:50 (-7)	25.0		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041006	Alanine Aminotransferase (U/L)	Screening	2020-05-26 09:59 (-7)	17		10 - 33
		Unscheduled	2020-05-29 09:26 (-4)	15		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-26 09:59 (-7)	60		30 - 115
		Unscheduled	2020-05-29 09:26 (-4)	52		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-26 09:59 (-7)	21		10 - 36
		Unscheduled	2020-05-29 09:26 (-4)	17		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-26 09:59 (-7)	12.1		- 18.8
		Unscheduled	2020-05-29 09:26 (-4)	9.4		- 18.8
	Creatinine (umol/L)	Screening	2020-05-26 09:59 (-7)	53 (L)		62 - 124
		Unscheduled	2020-05-29 09:26 (-4)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-26 09:59 (-7)	<3.4		0 - 6.8
		Unscheduled	2020-05-29 09:26 (-4)	<3.4		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041006	Urea Nitrogen (mmol/L)	Screening	2020-05-26 09:59 (-7)	4.28		1.78 - 7.14
		Unscheduled	2020-05-29 09:26 (-4)	6.43		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-26 09:59 (-7)	20.0		7.8 - 26.7
		Unscheduled	2020-05-29 09:26 (-4)	30.0 (H)		7.8 - 26.7
US2041007	Alanine Aminotransferase (U/L)	Screening	2020-05-26 10:06 (-6)	14		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-26 10:06 (-6)	49		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-26 10:06 (-6)	14		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-26 10:06 (-6)	12.1		- 18.8
	Creatinine (umol/L)	Screening	2020-05-26 10:06 (-6)	44 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-26 10:06 (-6)	3.6		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-26 10:06 (-6)	1.78		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-26 10:06 (-6)	10.0		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041012	Alanine Aminotransferase (U/L)	Screening	2020-05-26 11:59 (-7)	29		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-26 11:59 (-7)	59		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-26 11:59 (-7)	26		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-26 11:59 (-7)	9.9		- 18.8
	Creatinine (umol/L)	Screening	2020-05-26 11:59 (-7)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-26 11:59 (-7)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-26 11:59 (-7)	3.21		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-26 11:59 (-7)	15.0		7.8 - 26.7
US2041013	Alanine Aminotransferase (U/L)	Screening	2020-05-26 13:36 (-3)	11		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-05-26 13:36 (-3)	51		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-26 13:36 (-3)	22		10 - 43
	Bilirubin (umol/L)	Screening	2020-05-26 13:36 (-3)	5.8		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041013	Creatinine (umol/L)	Screening	2020-05-26 13:36 (-3)	106		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-26 13:36 (-3)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-26 13:36 (-3)	3.21		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-26 13:36 (-3)	7.5 (L)		7.8 - 26.7
US2041016	Alanine Aminotransferase (U/L)	Screening	2020-05-26 14:20 (-7)	23		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-05-26 14:20 (-7)	64		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-26 14:20 (-7)	20		10 - 43
	Bilirubin (umol/L)	Screening	2020-05-26 14:20 (-7)	3.9		- 18.8
	Creatinine (umol/L)	Screening	2020-05-26 14:20 (-7)	88		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-26 14:20 (-7)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-26 14:20 (-7)	4.64		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-26 14:20 (-7)	13.0		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041023	Alanine Aminotransferase (U/L)	Screening	2020-05-27 08:16 (-5)	15		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-27 08:16 (-5)	84		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-27 08:16 (-5)	21		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-27 08:16 (-5)	13.7		- 18.8
	Creatinine (umol/L)	Screening	2020-05-27 08:16 (-5)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-27 08:16 (-5)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-27 08:16 (-5)	5.71		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-27 08:16 (-5)	22.9		7.8 - 26.7
US2041027	Alanine Aminotransferase (U/L)	Screening	2020-05-27 10:07 (-5)	22		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-27 10:07 (-5)	69		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-27 10:07 (-5)	20		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-27 10:07 (-5)	4.1		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041027	Creatinine (umol/L)	Screening	2020-05-27 10:07 (-5)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-27 10:07 (-5)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-27 10:07 (-5)	4.28		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-27 10:07 (-5)	20.0		7.8 - 26.7
US2041030	Alanine Aminotransferase (U/L)	Screening	2020-05-27 12:10 (-5)	13		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-27 12:10 (-5)	54		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-27 12:10 (-5)	14		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-27 12:10 (-5)	10.1		- 18.8
	Creatinine (umol/L)	Screening	2020-05-27 12:10 (-5)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-27 12:10 (-5)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-27 12:10 (-5)	3.21		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-27 12:10 (-5)	12.9		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041036	Alanine Aminotransferase (U/L)	Screening	2020-05-27 14:00 (-6)	12		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-27 14:00 (-6)	62		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-27 14:00 (-6)	18		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-27 14:00 (-6)	4.6		- 18.8
	Creatinine (umol/L)	Screening	2020-05-27 14:00 (-6)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-27 14:00 (-6)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-27 14:00 (-6)	4.28		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-27 14:00 (-6)	20.0		7.8 - 26.7
US2041047	Alanine Aminotransferase (U/L)	Screening	2020-05-28 08:48 (-5)	31		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-05-28 08:48 (-5)	46		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-28 08:48 (-5)	24		10 - 43
	Bilirubin (umol/L)	Screening	2020-05-28 08:48 (-5)	7.7		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041047	Creatinine (umol/L)	Screening	2020-05-28 08:48 (-5)	80		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-28 08:48 (-5)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-28 08:48 (-5)	5.71		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-28 08:48 (-5)	17.8		7.8 - 26.7
US2041049	Alanine Aminotransferase (U/L)	Screening	2020-05-28 10:09 (-7)	13		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-28 10:09 (-7)	35		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-28 10:09 (-7)	17		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-28 10:09 (-7)	8.7		- 18.8
	Creatinine (umol/L)	Screening	2020-05-28 10:09 (-7)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-28 10:09 (-7)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-28 10:09 (-7)	3.57		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-28 10:09 (-7)	14.3		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041051	Alanine Aminotransferase (U/L)	Screening	2020-05-28 09:52 (-5)	9 (L)		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-28 09:52 (-5)	48		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-28 09:52 (-5)	19		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-28 09:52 (-5)	13.0		- 18.8
	Creatinine (umol/L)	Screening	2020-05-28 09:52 (-5)	80		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-28 09:52 (-5)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-28 09:52 (-5)	3.93		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-28 09:52 (-5)	12.2		7.8 - 26.7
US2041053	Alanine Aminotransferase (U/L)	Screening	2020-05-28 11:17 (-5)	15		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-05-28 11:17 (-5)	62		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-28 11:17 (-5)	16		10 - 43
	Bilirubin (umol/L)	Screening	2020-05-28 11:17 (-5)	10.8		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041053	Creatinine (umol/L)	Screening	2020-05-28 11:17 (-5)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-28 11:17 (-5)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-28 11:17 (-5)	5.00		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-28 11:17 (-5)	17.5		7.8 - 26.7
US2041055	Alanine Aminotransferase (U/L)	Screening	2020-05-28 11:55 (-6)	15		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-28 11:55 (-6)	88		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-28 11:55 (-6)	18		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-28 11:55 (-6)	4.4		- 18.8
	Creatinine (umol/L)	Screening	2020-05-28 11:55 (-6)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-28 11:55 (-6)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-28 11:55 (-6)	2.50		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-28 11:55 (-6)	11.7		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041058	Alanine Aminotransferase (U/L)	Screening	2020-05-28 14:42 (-6)	25		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-05-28 14:42 (-6)	54		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-28 14:42 (-6)	24		10 - 43
	Bilirubin (umol/L)	Screening	2020-05-28 14:42 (-6)	6.5		- 18.8
	Creatinine (umol/L)	Screening	2020-05-28 14:42 (-6)	80		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-28 14:42 (-6)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-28 14:42 (-6)	5.00		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-28 14:42 (-6)	15.6		7.8 - 26.7
US2041064	Alkaline Phosphatase (U/L)	Screening	2020-05-28 16:53 (-11)	48		30 - 115
	Creatinine (umol/L)	Screening	2020-05-28 16:53 (-11)	53 (L)		62 - 124
	Urea Nitrogen (mmol/L)	Screening	2020-05-28 16:53 (-11)	3.93		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-28 16:53 (-11)	18.3		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041071	Alanine Aminotransferase (U/L)	Screening	2020-05-29 08:23 (-4)	15		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-29 08:23 (-4)	53		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-29 08:23 (-4)	21		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-29 08:23 (-4)	7.0		- 18.8
	Creatinine (umol/L)	Screening	2020-05-29 08:23 (-4)	80		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-29 08:23 (-4)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-29 08:23 (-4)	6.07		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-29 08:23 (-4)	18.9		7.8 - 26.7
US2041075	Alanine Aminotransferase (U/L)	Screening	2020-05-29 10:59 (-4)	18		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-05-29 10:59 (-4)	53		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-29 10:59 (-4)	10		10 - 43
	Bilirubin (umol/L)	Screening	2020-05-29 10:59 (-4)	17.4		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041075	Creatinine (umol/L)	Screening	2020-05-29 10:59 (-4)	80		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-29 10:59 (-4)	4.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-29 10:59 (-4)	3.57		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-29 10:59 (-4)	11.1		7.8 - 26.7
US2041076	Alanine Aminotransferase (U/L)	Screening	2020-05-29 11:14 (-4)	13		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-29 11:14 (-4)	69		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-29 11:14 (-4)	14		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-29 11:14 (-4)	10.9		- 18.8
	Creatinine (umol/L)	Screening	2020-05-29 11:14 (-4)	44 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-29 11:14 (-4)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-05-29 11:14 (-4)	3.5		1.7 - 21.5
	Urea Nitrogen (mmol/L)	Screening	2020-05-29 11:14 (-4)	3.57		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041076	Urea Nitrogen/Creatinine	Screening	2020-05-29 11:14 (-4)	20.0		7.8 - 26.7
US2041077	Alanine Aminotransferase (U/L)	Screening	2020-05-29 11:45 (-5)	14		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-29 11:45 (-5)	83		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-29 11:45 (-5)	19		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-29 11:45 (-5)	12.8		- 18.8
	Creatinine (umol/L)	Screening	2020-05-29 11:45 (-5)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-29 11:45 (-5)	3.9		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-29 11:45 (-5)	3.93		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-29 11:45 (-5)	18.3		7.8 - 26.7
US2041088	Alanine Aminotransferase (U/L)	Screening	2020-06-05 09:49 (-3)	17		5 - 50
	Alkaline Phosphatase (U/L)	Screening	2020-06-05 09:49 (-3)	82		60 - 270

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041088	Aspartate Aminotransferase (U/L)	Screening	2020-06-05 09:49 (-3)	26		9 - 55
	Bilirubin (umol/L)	Screening	2020-06-05 09:49 (-3)	10.6		- 17.1
	Creatinine (umol/L)	Screening	2020-06-05 09:49 (-3)	71		71 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-05 09:49 (-3)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-05 09:49 (-3)	6.43		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-05 09:49 (-3)	22.5		
US2041091	Alanine Aminotransferase (U/L)	Screening	2020-06-05 10:40 (-5)	38 (H)	G1 Alanine Aminotransferase Increased	10 - 33
		Unscheduled	2020-06-08 14:26 (-2)	26		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-05 10:40 (-5)	38		30 - 115
		Unscheduled	2020-06-08 14:26 (-2)	37		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-05 10:40 (-5)	23		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041091	Aspartate Aminotransferase (U/L)	Unscheduled	2020-06-08 14:26 (-2)	22		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-05 10:40 (-5)	11.8		- 18.8
		Unscheduled	2020-06-08 14:26 (-2)	10.6		- 18.8
	Creatinine (umol/L)	Screening	2020-06-05 10:40 (-5)	62		62 - 124
		Unscheduled	2020-06-08 14:26 (-2)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-05 10:40 (-5)	<3.4		0 - 6.8
		Unscheduled	2020-06-08 14:26 (-2)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Unscheduled	2020-06-08 (-2)	<0.100 (L)		1.7 - 21.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-05 10:40 (-5)	3.93		1.78 - 7.14
		Unscheduled	2020-06-08 14:26 (-2)	2.86		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-05 10:40 (-5)	15.7		7.8 - 26.7
		Unscheduled	2020-06-08 14:26 (-2)	10.0		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041092	Alanine Aminotransferase (U/L)	Screening	2020-06-05 11:14 (-3)	30		10 - 33
		Day 57	2020-08-10 (64)	24		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-05 11:14 (-3)	89		30 - 115
		Day 57	2020-08-10 (64)	91		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-05 11:14 (-3)	23		10 - 36
		Day 57	2020-08-10 (64)	22		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-05 11:14 (-3)	3.1		- 18.8
		Day 57	2020-08-10 (64)	3.9		- 18.8
	Creatinine (umol/L)	Screening	2020-06-05 11:14 (-3)	53 (L)		62 - 124
		Day 57	2020-08-10 (64)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-05 11:14 (-3)	<3.4		0 - 6.8
		Day 57	2020-08-10 (64)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-05 11:14 (-3)	5.71		1.78 - 7.14
		Day 57	2020-08-10 (64)	5.00		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-05 11:14 (-3)	26.7		7.8 - 26.7
		Day 57	2020-08-10 (64)	23.3		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051008	Alanine Aminotransferase (U/L)	Screening	2020-05-26 14:35 (-3)	12		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-26 14:35 (-3)	36		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-26 14:35 (-3)	17		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-26 14:35 (-3)	5.6		- 18.8
	Creatinine (umol/L)	Screening	2020-05-26 14:35 (-3)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-26 14:35 (-3)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-26 14:35 (-3)	4.28		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-26 14:35 (-3)	20.0		7.8 - 26.7
US2051009	Alanine Aminotransferase (U/L)	Screening	2020-05-27 09:16 (-6)	24		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-05-27 09:16 (-6)	67		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-27 09:16 (-6)	30		10 - 43
	Bilirubin (umol/L)	Screening	2020-05-27 09:16 (-6)	6.3		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051009	Creatinine (umol/L)	Screening	2020-05-27 09:16 (-6)	80		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-27 09:16 (-6)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-27 09:16 (-6)	4.64		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-27 09:16 (-6)	14.4		7.8 - 26.7
US2051010	Alanine Aminotransferase (U/L)	Screening	2020-05-27 10:36 (-6)	16		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-27 10:36 (-6)	44		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-27 10:36 (-6)	21		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-27 10:36 (-6)	5.6		- 18.8
	Creatinine (umol/L)	Screening	2020-05-27 10:36 (-6)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-27 10:36 (-6)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-27 10:36 (-6)	6.07		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-27 10:36 (-6)	24.3		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051011	Alanine Aminotransferase (U/L)	Screening	2020-05-27 11:01 (-7)	24		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-05-27 11:01 (-7)	52		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-27 11:01 (-7)	32		10 - 43
	Bilirubin (umol/L)	Screening	2020-05-27 11:01 (-7)	6.0		- 18.8
	Creatinine (umol/L)	Screening	2020-05-27 11:01 (-7)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-27 11:01 (-7)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-27 11:01 (-7)	7.14		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-27 11:01 (-7)	25.0		7.8 - 26.7
US2051018	Alanine Aminotransferase (U/L)	Screening	2020-05-27 15:13 (-12)	12		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-27 15:13 (-12)	34		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-27 15:13 (-12)	16		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-27 15:13 (-12)	10.4		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051018	Creatinine (umol/L)	Screening	2020-05-27 15:13 (-12)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-27 15:13 (-12)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-27 15:13 (-12)	3.93		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-27 15:13 (-12)	18.3		7.8 - 26.7
US2051027	Alanine Aminotransferase (U/L)	Screening	2020-05-28 11:12 (-11)	19		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-28 11:12 (-11)	74		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-28 11:12 (-11)	18		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-28 11:12 (-11)	3.9		- 18.8
	Creatinine (umol/L)	Screening	2020-05-28 11:12 (-11)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-28 11:12 (-11)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-28 11:12 (-11)	4.28		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-28 11:12 (-11)	15.0		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051031	Alanine Aminotransferase (U/L)	Screening	2020-05-28 13:00 (-5)	22		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-05-28 13:00 (-5)	49		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-28 13:00 (-5)	22		10 - 43
	Bilirubin (umol/L)	Screening	2020-05-28 13:00 (-5)	3.1		- 18.8
	Creatinine (umol/L)	Screening	2020-05-28 13:00 (-5)	80		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-28 13:00 (-5)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-28 13:00 (-5)	4.64		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-28 13:00 (-5)	14.4		7.8 - 26.7
US2051032	Alanine Aminotransferase (U/L)	Screening	2020-05-28 14:01 (-5)	16		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-28 14:01 (-5)	69		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-28 14:01 (-5)	16		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-28 14:01 (-5)	6.3		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051032	Creatinine (umol/L)	Screening	2020-05-28 14:01 (-5)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-28 14:01 (-5)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-28 14:01 (-5)	4.28		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-28 14:01 (-5)	20.0		7.8 - 26.7
US2051033	Alanine Aminotransferase (U/L)	Screening	2020-05-28 14:13 (-7)	21		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-28 14:13 (-7)	38		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-28 14:13 (-7)	25		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-28 14:13 (-7)	6.0		- 18.8
	Creatinine (umol/L)	Screening	2020-05-28 14:13 (-7)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-28 14:13 (-7)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-28 14:13 (-7)	3.57		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-28 14:13 (-7)	16.7		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051034	Alanine Aminotransferase (U/L)	Screening	2020-05-28 14:20 (-6)	32		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-05-28 14:20 (-6)	67		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-28 14:20 (-6)	32		10 - 43
	Bilirubin (umol/L)	Screening	2020-05-28 14:20 (-6)	7.4		- 18.8
	Creatinine (umol/L)	Screening	2020-05-28 14:20 (-6)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-28 14:20 (-6)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-28 14:20 (-6)	4.28		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-28 14:20 (-6)	17.1		7.8 - 26.7
US2051038	Alanine Aminotransferase (U/L)	Screening	2020-05-29 08:50 (-5)	9 (L)		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-29 08:50 (-5)	47		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-29 08:50 (-5)	13		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-29 08:50 (-5)	2.6		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051038	Creatinine (umol/L)	Screening	2020-05-29 08:50 (-5)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-29 08:50 (-5)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-29 08:50 (-5)	2.86		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-29 08:50 (-5)	10.0		7.8 - 26.7
US2051040	Alanine Aminotransferase (U/L)	Screening	2020-05-29 12:45 (-7)	24		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-05-29 12:45 (-7)	62		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-29 12:45 (-7)	25		10 - 43
	Bilirubin (umol/L)	Screening	2020-05-29 12:45 (-7)	2.7		- 18.8
	Creatinine (umol/L)	Screening	2020-05-29 12:45 (-7)	88		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-29 12:45 (-7)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-29 12:45 (-7)	6.43		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-29 12:45 (-7)	18.0		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051042	Alanine Aminotransferase (U/L)	Screening	2020-05-29 13:39 (-4)	17		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-05-29 13:39 (-4)	62		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-29 13:39 (-4)	17		10 - 43
	Bilirubin (umol/L)	Screening	2020-05-29 13:39 (-4)	7.2		- 18.8
	Creatinine (umol/L)	Screening	2020-05-29 13:39 (-4)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-29 13:39 (-4)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-29 13:39 (-4)	4.28		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-29 13:39 (-4)	15.0		7.8 - 26.7
US2051043	Alanine Aminotransferase (U/L)	Screening	2020-05-29 13:57 (-5)	12		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-29 13:57 (-5)	49		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-29 13:57 (-5)	18		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-29 13:57 (-5)	2.9		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051043	Creatinine (umol/L)	Screening	2020-05-29 13:57 (-5)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-29 13:57 (-5)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-29 13:57 (-5)	5.71		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-29 13:57 (-5)	26.7		7.8 - 26.7
US2051048	Alanine Aminotransferase (U/L)	Screening	2020-06-03 16:34 (-6)	18		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-03 16:34 (-6)	110		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-03 16:34 (-6)	23		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-03 16:34 (-6)	9.7		- 18.8
	Creatinine (umol/L)	Screening	2020-06-03 16:34 (-6)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-03 16:34 (-6)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-03 16:34 (-6)	2.14		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-03 16:34 (-6)	10.0		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051050	Alanine Aminotransferase (U/L)	Screening	2020-06-04 15:36 (-4)	12		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-04 15:36 (-4)	71		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-04 15:36 (-4)	16		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-04 15:36 (-4)	6.5		- 18.8
	Creatinine (umol/L)	Screening	2020-06-04 15:36 (-4)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-04 15:36 (-4)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-04 15:36 (-4)	5.2		1.7 - 21.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-04 15:36 (-4)	5.00		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-04 15:36 (-4)	23.3		7.8 - 26.7
US2061001	Alanine Aminotransferase (U/L)	Screening	2020-05-28 09:31 (-7)	19		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-28 09:31 (-7)	44		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-28 09:31 (-7)	17		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061001	Bilirubin (umol/L)	Screening	2020-05-28 09:31 (-7)	7.7		- 18.8
	Creatinine (umol/L)	Screening	2020-05-28 09:31 (-7)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-28 09:31 (-7)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-28 09:31 (-7)	3.57		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-28 09:31 (-7)	16.7		7.8 - 26.7
US2061006	Alanine Aminotransferase (U/L)	Screening	2020-05-28 12:02 (-6)	18		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-28 12:02 (-6)	58		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-28 12:02 (-6)	21		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-28 12:02 (-6)	4.6		- 18.8
	Creatinine (umol/L)	Screening	2020-05-28 12:02 (-6)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-28 12:02 (-6)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-28 12:02 (-6)	2.50		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061006	Urea Nitrogen/Creatinine	Screening	2020-05-28 12:02 (-6)	11.7		7.8 - 26.7
US2061009	Alanine Aminotransferase (U/L)	Screening	2020-05-28 15:15 (-6)	21		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-28 15:15 (-6)	46		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-28 15:15 (-6)	18		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-28 15:15 (-6)	6.2		- 18.8
	Creatinine (umol/L)	Screening	2020-05-28 15:15 (-6)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-28 15:15 (-6)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-28 15:15 (-6)	3.93		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-28 15:15 (-6)	18.3		7.8 - 26.7
US2061011	Alanine Aminotransferase (U/L)	Screening	2020-05-28 16:20 (-6)	21		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-28 16:20 (-6)	48		30 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061011	Aspartate Aminotransferase (U/L)	Screening	2020-05-28 16:20 (-6)	23		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-28 16:20 (-6)	4.8		- 18.8
	Creatinine (umol/L)	Screening	2020-05-28 16:20 (-6)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-28 16:20 (-6)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-28 16:20 (-6)	6.07		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-28 16:20 (-6)	28.3 (H)		7.8 - 26.7
US2061013	Alanine Aminotransferase (U/L)	Screening	2020-05-28 18:07 (-8)	29		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-05-28 18:07 (-8)	60		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-28 18:07 (-8)	11		10 - 43
	Bilirubin (umol/L)	Screening	2020-05-28 18:07 (-8)	7.2		- 18.8
	Creatinine (umol/L)	Screening	2020-05-28 18:07 (-8)	97		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-28 18:07 (-8)	<3.4		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061013	Urea Nitrogen (mmol/L)	Screening	2020-05-28 18:07 (-8)	6.07		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-28 18:07 (-8)	15.5		7.8 - 26.7
US2061019	Alanine Aminotransferase (U/L)	Screening	2020-05-29 09:52 (-5)	20		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-29 09:52 (-5)	69		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-29 09:52 (-5)	21		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-29 09:52 (-5)	5.0		- 18.8
	Creatinine (umol/L)	Screening	2020-05-29 09:52 (-5)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-29 09:52 (-5)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-29 09:52 (-5)	3.93		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-29 09:52 (-5)	15.7		7.8 - 26.7
US2061026	Alanine Aminotransferase (U/L)	Screening	2020-06-02 10:29 (-3)	21		10 - 40

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061026	Alkaline Phosphatase (U/L)	Screening	2020-06-02 10:29 (-3)	57		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-02 10:29 (-3)	18		10 - 43
	Bilirubin (umol/L)	Screening	2020-06-02 10:29 (-3)	11.5		- 18.8
	Creatinine (umol/L)	Screening	2020-06-02 10:29 (-3)	88		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-02 10:29 (-3)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-02 10:29 (-3)	6.78		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-02 10:29 (-3)	19.0		7.8 - 26.7
US2071001	Alanine Aminotransferase (U/L)	Screening	2020-05-22 13:35 (-7)	16		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-22 13:35 (-7)	53		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-22 13:35 (-7)	21		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-22 13:35 (-7)	11.5		- 18.8
	Creatinine (umol/L)	Screening	2020-05-22 13:35 (-7)	80		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071001	Direct Bilirubin (umol/L)	Screening	2020-05-22 13:35 (-7)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-22 13:35 (-7)	3.57		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-22 13:35 (-7)	11.1		7.8 - 26.7
US2071003	Alanine Aminotransferase (U/L)	Screening	2020-05-22 13:37 (-10)	27		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-22 13:37 (-10)	66		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-22 13:37 (-10)	27		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-22 13:37 (-10)	4.6		- 18.8
	Creatinine (umol/L)	Screening	2020-05-22 13:37 (-10)	35 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-22 13:37 (-10)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-22 13:37 (-10)	3.57		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-22 13:37 (-10)	25.0		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071004	Alanine Aminotransferase (U/L)	Screening	2020-05-25 10:16 (-10)	23		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-05-25 10:16 (-10)	86		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-25 10:16 (-10)	24		10 - 43
	Bilirubin (umol/L)	Screening	2020-05-25 10:16 (-10)	7.2		- 18.8
	Creatinine (umol/L)	Screening	2020-05-25 10:16 (-10)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-25 10:16 (-10)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-25 10:16 (-10)	6.07		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-25 10:16 (-10)	21.2		7.8 - 26.7
US2071029	Alanine Aminotransferase (U/L)	Screening	2020-05-26 16:55 (-10)	12		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-05-26 16:55 (-10)	100		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-26 16:55 (-10)	17		10 - 43
	Bilirubin (umol/L)	Screening	2020-05-26 16:55 (-10)	11.8		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071029	Creatinine (umol/L)	Screening	2020-05-26 16:55 (-10)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-26 16:55 (-10)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-26 16:55 (-10)	2.50		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-26 16:55 (-10)	8.8		7.8 - 26.7
US2071030	Alanine Aminotransferase (U/L)	Screening	2020-05-26 17:30 (-8)	14		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-26 17:30 (-8)	85		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-26 17:30 (-8)	16		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-26 17:30 (-8)	3.6		- 18.8
	Creatinine (umol/L)	Screening	2020-05-26 17:30 (-8)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-26 17:30 (-8)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-26 17:30 (-8)	4.64		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-26 17:30 (-8)	16.2		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071032	Alanine Aminotransferase (U/L)	Screening	2020-05-27 09:10 (-12)	12		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-05-27 09:10 (-12)	53		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-27 09:10 (-12)	14		10 - 43
	Bilirubin (umol/L)	Screening	2020-05-27 09:10 (-12)	7.4		- 18.8
	Creatinine (umol/L)	Screening	2020-05-27 09:10 (-12)	80		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-27 09:10 (-12)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-27 09:10 (-12)	7.50 (H)		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-27 09:10 (-12)	23.3		7.8 - 26.7
US2071033	Alanine Aminotransferase (U/L)	Screening	2020-05-27 09:30 (-12)	38		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-05-27 09:30 (-12)	66		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-27 09:30 (-12)	22		10 - 43
	Bilirubin (umol/L)	Screening	2020-05-27 09:30 (-12)	7.0		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071033	Creatinine (umol/L)	Screening	2020-05-27 09:30 (-12)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-27 09:30 (-12)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-27 09:30 (-12)	4.28		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-27 09:30 (-12)	15.0		7.8 - 26.7
US2071063	Alanine Aminotransferase (U/L)	Screening	2020-06-01 14:58 (-3)	40		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-01 14:58 (-3)	52		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-01 14:58 (-3)	28		10 - 43
	Bilirubin (umol/L)	Screening	2020-06-01 14:58 (-3)	8.4		- 18.8
	Creatinine (umol/L)	Screening	2020-06-01 14:58 (-3)	80		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-01 14:58 (-3)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-01 14:58 (-3)	3.21		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-01 14:58 (-3)	10.0		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071067	Alanine Aminotransferase (U/L)	Screening	2020-06-01 18:05 (-4)	18		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-01 18:05 (-4)	83		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-01 18:05 (-4)	21		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-01 18:05 (-4)	9.1		- 18.8
	Creatinine (umol/L)	Screening	2020-06-01 18:05 (-4)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-01 18:05 (-4)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-01 18:05 (-4)	4.64		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-01 18:05 (-4)	16.2		7.8 - 26.7
US2071074	Alanine Aminotransferase (U/L)	Screening	2020-06-02 17:24 (-6)	23		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-02 17:24 (-6)	75		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-02 17:24 (-6)	21		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-02 17:24 (-6)	5.1		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071074	Creatinine (umol/L)	Screening	2020-06-02 17:24 (-6)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-02 17:24 (-6)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-02 17:24 (-6)	5.00		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-02 17:24 (-6)	17.5		7.8 - 26.7
US2071081	Alanine Aminotransferase (U/L)	Screening	2020-06-05 13:53 (-3)	11		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-05 13:53 (-3)	68		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-05 13:53 (-3)	13		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-05 13:53 (-3)	9.1		- 18.8
	Creatinine (umol/L)	Screening	2020-06-05 13:53 (-3)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-05 13:53 (-3)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-05 13:53 (-3)	6.43		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-05 13:53 (-3)	22.5		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081036	Alanine Aminotransferase (U/L)	Screening	2020-05-29 15:30 (-6)	16		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-05-29 15:30 (-6)	56		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-29 15:30 (-6)	23		10 - 43
	Bilirubin (umol/L)	Screening	2020-05-29 15:30 (-6)	5.1		- 18.8
	Creatinine (umol/L)	Screening	2020-05-29 15:30 (-6)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-29 15:30 (-6)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-29 15:30 (-6)	6.07		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-29 15:30 (-6)	28.3 (H)		7.8 - 26.7
US2081039	Alanine Aminotransferase (U/L)	Screening	2020-06-01 10:55 (-7)	20		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-01 10:55 (-7)	102		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-01 10:55 (-7)	33		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-01 10:55 (-7)	15.0		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081039	Creatinine (umol/L)	Screening	2020-06-01 10:55 (-7)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-01 10:55 (-7)	3.6		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-01 10:55 (-7)	2.14		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-01 10:55 (-7)	10.0		7.8 - 26.7
US2081041	Alanine Aminotransferase (U/L)	Screening	2020-06-01 12:21 (-3)	34		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-01 12:21 (-3)	58		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-01 12:21 (-3)	25		10 - 43
	Bilirubin (umol/L)	Screening	2020-06-01 12:21 (-3)	13.0		- 18.8
	Creatinine (umol/L)	Screening	2020-06-01 12:21 (-3)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-01 12:21 (-3)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-01 12:21 (-3)	5.00		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-01 12:21 (-3)	17.5		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081052	Alanine Aminotransferase (U/L)	Screening	2020-06-02 15:15 (-3)	16		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-02 15:15 (-3)	88		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-02 15:15 (-3)	18		10 - 43
	Bilirubin (umol/L)	Screening	2020-06-02 15:15 (-3)	8.7		- 18.8
	Creatinine (umol/L)	Screening	2020-06-02 15:15 (-3)	88		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-02 15:15 (-3)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-02 15:15 (-3)	3.57		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-02 15:15 (-3)	10.0		7.8 - 26.7
US2081054	Alanine Aminotransferase (U/L)	Screening	2020-06-03 09:07 (-2)	25		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-03 09:07 (-2)	71		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-03 09:07 (-2)	25		10 - 43
	Bilirubin (umol/L)	Screening	2020-06-03 09:07 (-2)	3.4		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081054	Creatinine (umol/L)	Screening	2020-06-03 09:07 (-2)	80		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-03 09:07 (-2)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-03 09:07 (-2)	5.35		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-03 09:07 (-2)	16.7		7.8 - 26.7
US2081059	Alanine Aminotransferase (U/L)	Screening	2020-06-04 10:42 (-4)	12		10 - 33
		Unscheduled	2020-08-10 11:58 (29)	9 (L)		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-04 10:42 (-4)	61		30 - 115
		Unscheduled	2020-08-10 11:58 (29)	55		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-04 10:42 (-4)	17		10 - 36
		Unscheduled	2020-08-10 11:58 (29)	15		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-04 10:42 (-4)	18.8		- 18.8
		Unscheduled	2020-08-10 11:58 (29)	10.6		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081059	Creatinine (umol/L)	Screening	2020-06-04 10:42 (-4)	53 (L)		62 - 124
		Unscheduled	2020-08-10 11:58 (29)	44 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-04 10:42 (-4)	4.3		0 - 6.8
		Unscheduled	2020-08-10 11:58 (29)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-04 10:42 (-4)	3.93		1.78 - 7.14
		Unscheduled	2020-08-10 11:58 (29)	3.93		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-04 10:42 (-4)	18.3		7.8 - 26.7
		Unscheduled	2020-08-10 11:58 (29)	22.0		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011018	Alanine Aminotransferase (U/L)	Screening	2020-05-26 17:48 (-6)	16		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-05-26 17:48 (-6)	61		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-26 17:48 (-6)	25		10 - 43
	Bilirubin (umol/L)	Screening	2020-05-26 17:48 (-6)	9.6		- 18.8
	Creatinine (umol/L)	Screening	2020-05-26 17:48 (-6)	88		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-26 17:48 (-6)	3.6		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-26 17:48 (-6)	3.57		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-26 17:48 (-6)	10.0		7.8 - 26.7
US2011019	Alanine Aminotransferase (U/L)	Screening	2020-05-26 17:37 (-7)	15		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-26 17:37 (-7)	73		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-26 17:37 (-7)	20		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-26 17:37 (-7)	4.1		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011019	Creatinine (umol/L)	Screening	2020-05-26 17:37 (-7)	44 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-26 17:37 (-7)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-26 17:37 (-7)	4.64		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-26 17:37 (-7)	26.0		7.8 - 26.7
US2011039	Alanine Aminotransferase (U/L)	Screening	2020-05-27 13:12 (-5)	11		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-27 13:12 (-5)	48		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-27 13:12 (-5)	13		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-27 13:12 (-5)	6.3		- 18.8
	Creatinine (umol/L)	Screening	2020-05-27 13:12 (-5)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-27 13:12 (-5)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-27 13:12 (-5)	2.50		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-27 13:12 (-5)	10.0		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011041	Alanine Aminotransferase (U/L)	Screening	2020-05-27 13:31 (-6)	10		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-05-27 13:31 (-6)	57		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-27 13:31 (-6)	16		10 - 43
	Bilirubin (umol/L)	Screening	2020-05-27 13:31 (-6)	5.8		- 18.8
	Creatinine (umol/L)	Screening	2020-05-27 13:31 (-6)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-27 13:31 (-6)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-27 13:31 (-6)	2.50		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-27 13:31 (-6)	10.0		7.8 - 26.7
US2011046	Alanine Aminotransferase (U/L)	Screening	2020-05-27 16:04 (-6)	11		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-27 16:04 (-6)	54		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-27 16:04 (-6)	18		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-27 16:04 (-6)	4.4		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011046	Creatinine (umol/L)	Screening	2020-05-27 16:04 (-6)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-27 16:04 (-6)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-27 16:04 (-6)	3.21		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-27 16:04 (-6)	15.0		7.8 - 26.7
US2011050	Alanine Aminotransferase (U/L)	Screening	2020-05-27 16:20 (-5)	10		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-05-27 16:20 (-5)	42 (L)		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-27 16:20 (-5)	12		10 - 43
	Bilirubin (umol/L)	Screening	2020-05-27 16:20 (-5)	5.1		- 18.8
	Creatinine (umol/L)	Screening	2020-05-27 16:20 (-5)	106		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-27 16:20 (-5)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-27 16:20 (-5)	4.28		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-27 16:20 (-5)	10.0		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011059	Alanine Aminotransferase (U/L)	Screening	2020-05-28 09:34 (-5)	27		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-05-28 09:34 (-5)	52		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-28 09:34 (-5)	31		10 - 43
	Bilirubin (umol/L)	Screening	2020-05-28 09:34 (-5)	9.9		- 18.8
	Creatinine (umol/L)	Screening	2020-05-28 09:34 (-5)	88		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-28 09:34 (-5)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-28 09:34 (-5)	4.28		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-28 09:34 (-5)	12.0		7.8 - 26.7
US2011065	Alanine Aminotransferase (U/L)	Screening	2020-05-28 12:33 (-5)	20		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-05-28 12:33 (-5)	71		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-28 12:33 (-5)	26		10 - 43
	Bilirubin (umol/L)	Screening	2020-05-28 12:33 (-5)	2.9		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011065	Creatinine (umol/L)	Screening	2020-05-28 12:33 (-5)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-28 12:33 (-5)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-28 12:33 (-5)	3.93		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-28 12:33 (-5)	18.3		7.8 - 26.7
US2011080	Alanine Aminotransferase (U/L)	Screening	2020-05-29 12:18 (-5)	31		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-29 12:18 (-5)	44		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-29 12:18 (-5)	25		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-29 12:18 (-5)	5.6		- 18.8
	Creatinine (umol/L)	Screening	2020-05-29 12:18 (-5)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-29 12:18 (-5)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-29 12:18 (-5)	3.21		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-29 12:18 (-5)	12.9		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011085	Alanine Aminotransferase (U/L)	Screening	2020-05-29 17:23 (-5)	8 (L)		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-29 17:23 (-5)	49		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-29 17:23 (-5)	21		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-29 17:23 (-5)	7.0		- 18.8
	Creatinine (umol/L)	Screening	2020-05-29 17:23 (-5)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-29 17:23 (-5)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-29 17:23 (-5)	2.50		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-29 17:23 (-5)	11.7		7.8 - 26.7
US2011089	Alanine Aminotransferase (U/L)	Screening	2020-06-01 09:46 (-4)	13		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-01 09:46 (-4)	43		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-01 09:46 (-4)	16		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-01 09:46 (-4)	10.4		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011089	Creatinine (umol/L)	Screening	2020-06-01 09:46 (-4)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-01 09:46 (-4)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-01 09:46 (-4)	5.71		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-01 09:46 (-4)	22.9		7.8 - 26.7
US2011103	Alanine Aminotransferase (U/L)	Screening	2020-06-05 15:48 (-3)	16		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-05 15:48 (-3)	74		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-05 15:48 (-3)	16		10 - 43
	Bilirubin (umol/L)	Screening	2020-06-05 15:48 (-3)	9.4		- 18.8
	Creatinine (umol/L)	Screening	2020-06-05 15:48 (-3)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-05 15:48 (-3)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-05 15:48 (-3)	5.00		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-05 15:48 (-3)	17.5		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021059	Alanine Aminotransferase (U/L)	Screening	2020-05-27 14:26 (-6)	8 (L)		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-27 14:26 (-6)	41		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-27 14:26 (-6)	16		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-27 14:26 (-6)	16.6		- 18.8
	Creatinine (umol/L)	Screening	2020-05-27 14:26 (-6)	44 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-27 14:26 (-6)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-27 14:26 (-6)	3.57		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-27 14:26 (-6)	20.0		7.8 - 26.7
US2021063	Alanine Aminotransferase (U/L)	Screening	2020-05-27 15:16 (-8)	21		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-27 15:16 (-8)	39		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-27 15:16 (-8)	27		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-27 15:16 (-8)	9.1		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021063	Creatinine (umol/L)	Screening	2020-05-27 15:16 (-8)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-27 15:16 (-8)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-27 15:16 (-8)	2.86		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-27 15:16 (-8)	13.3		7.8 - 26.7
US2021067	Alanine Aminotransferase (U/L)	Screening	2020-05-27 16:19 (-9)	26		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-05-27 16:19 (-9)	50		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-27 16:19 (-9)	29		10 - 43
	Bilirubin (umol/L)	Screening	2020-05-27 16:19 (-9)	17.8		- 18.8
	Creatinine (umol/L)	Screening	2020-05-27 16:19 (-9)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-27 16:19 (-9)	4.1		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-27 16:19 (-9)	3.57		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-27 16:19 (-9)	14.3		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021068	Alanine Aminotransferase (U/L)	Screening	2020-05-27 16:40 (-6)	25		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-05-27 16:40 (-6)	57		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-27 16:40 (-6)	20		10 - 43
	Bilirubin (umol/L)	Screening	2020-05-27 16:40 (-6)	7.9		- 18.8
	Creatinine (umol/L)	Screening	2020-05-27 16:40 (-6)	88		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-27 16:40 (-6)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-27 16:40 (-6)	5.71		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-27 16:40 (-6)	16.0		7.8 - 26.7
US2021074	Alanine Aminotransferase (U/L)	Screening	2020-05-28 09:14 (-5)	15		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-28 09:14 (-5)	36		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-28 09:14 (-5)	19		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-28 09:14 (-5)	2.9		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021074	Creatinine (umol/L)	Screening	2020-05-28 09:14 (-5)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-28 09:14 (-5)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-28 09:14 (-5)	3.57		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-28 09:14 (-5)	14.3		7.8 - 26.7
US2021080	Alanine Aminotransferase (U/L)	Screening	2020-05-28 10:41 (-8)	28		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-28 10:41 (-8)	105		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-28 10:41 (-8)	24		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-28 10:41 (-8)	4.1		- 18.8
	Creatinine (umol/L)	Screening	2020-05-28 10:41 (-8)	44 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-28 10:41 (-8)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-05-28 10:41 (-8)	66.4 (H)		1.7 - 21.5
	Urea Nitrogen (mmol/L)	Screening	2020-05-28 10:41 (-8)	3.57		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021080	Urea Nitrogen/Creatinine	Screening	2020-05-28 10:41 (-8)	20.0		7.8 - 26.7
US2021093	Alanine Aminotransferase (U/L)	Screening	2020-05-28 13:58 (-6)	16		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-28 13:58 (-6)	54		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-28 13:58 (-6)	20		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-28 13:58 (-6)	7.7		- 18.8
	Creatinine (umol/L)	Screening	2020-05-28 13:58 (-6)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-28 13:58 (-6)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-28 13:58 (-6)	4.64		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-28 13:58 (-6)	18.6		7.8 - 26.7
US2021099	Alanine Aminotransferase (U/L)	Screening	2020-05-28 15:45 (-5)	29		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-28 15:45 (-5)	69		30 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021099	Aspartate Aminotransferase (U/L)	Screening	2020-05-28 15:45 (-5)	34		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-28 15:45 (-5)	3.6		- 18.8
	Creatinine (umol/L)	Screening	2020-05-28 15:45 (-5)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-28 15:45 (-5)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-05-28 15:45 (-5)	66.4 (H)		1.7 - 21.5
	Urea Nitrogen (mmol/L)	Screening	2020-05-28 15:45 (-5)	6.78		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-28 15:45 (-5)	27.1 (H)		7.8 - 26.7
US2021101	Alanine Aminotransferase (U/L)	Screening	2020-05-28 15:56 (-11)	11		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-28 15:56 (-11)	67		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-28 15:56 (-11)	16		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-28 15:56 (-11)	6.3		- 18.8
	Creatinine (umol/L)	Screening	2020-05-28 15:56 (-11)	71		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021101	Direct Bilirubin (umol/L)	Screening	2020-05-28 15:56 (-11)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-28 15:56 (-11)	5.35		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-28 15:56 (-11)	18.8		7.8 - 26.7
US2021121	Alanine Aminotransferase (U/L)	Screening	2020-05-29 13:00 (-5)	13		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-29 13:00 (-5)	47		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-29 13:00 (-5)	19		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-29 13:00 (-5)	5.0		- 18.8
	Creatinine (umol/L)	Screening	2020-05-29 13:00 (-5)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-29 13:00 (-5)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-29 13:00 (-5)	6.43		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-29 13:00 (-5)	25.7		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021145	Alanine Aminotransferase (U/L)	Screening	2020-06-02 17:15 (-2)	10		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-02 17:15 (-2)	58		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-02 17:15 (-2)	16		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-02 17:15 (-2)	3.4		- 18.8
	Creatinine (umol/L)	Screening	2020-06-02 17:15 (-2)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-02 17:15 (-2)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-02 17:15 (-2)	2.50		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-02 17:15 (-2)	8.8		7.8 - 26.7
US2021151	Alanine Aminotransferase (U/L)	Screening	2020-06-03 08:42 (-5)	10		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-03 08:42 (-5)	53		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-03 08:42 (-5)	19		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-03 08:42 (-5)	9.9		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021151	Creatinine (umol/L)	Screening	2020-06-03 08:42 (-5)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-03 08:42 (-5)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-03 08:42 (-5)	2.50		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-03 08:42 (-5)	11.7		7.8 - 26.7
US2021154	Alanine Aminotransferase (U/L)	Screening	2020-06-03 11:18 (-2)	14		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-03 11:18 (-2)	54		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-03 11:18 (-2)	21		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-03 11:18 (-2)	12.5		- 18.8
	Creatinine (umol/L)	Screening	2020-06-03 11:18 (-2)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-03 11:18 (-2)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-03 11:18 (-2)	5.00		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-03 11:18 (-2)	20.0		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021164	Alanine Aminotransferase (U/L)	Screening	2020-06-03 15:22 (-5)	17		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-03 15:22 (-5)	43		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-03 15:22 (-5)	22		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-03 15:22 (-5)	5.3		- 18.8
	Creatinine (umol/L)	Screening	2020-06-03 15:22 (-5)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-03 15:22 (-5)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-03 15:22 (-5)	3.93		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-03 15:22 (-5)	15.7		7.8 - 26.7
US2021180	Alanine Aminotransferase (U/L)	Screening	2020-06-05 15:36 (-3)	17		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-05 15:36 (-3)	67		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-05 15:36 (-3)	15		10 - 43
	Bilirubin (umol/L)	Screening	2020-06-05 15:36 (-3)	2.9		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021180	Creatinine (umol/L)	Screening	2020-06-05 15:36 (-3)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-05 15:36 (-3)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-05 15:36 (-3)	6.43		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-05 15:36 (-3)	22.5		7.8 - 26.7
US2021182	Alanine Aminotransferase (U/L)	Screening	2020-06-05 16:38 (-3)	18		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-05 16:38 (-3)	71		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-05 16:38 (-3)	24		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-05 16:38 (-3)	4.3		- 18.8
	Creatinine (umol/L)	Screening	2020-06-05 16:38 (-3)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-05 16:38 (-3)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-05 16:38 (-3)	3.57		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-05 16:38 (-3)	16.7		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031012	Alanine Aminotransferase (U/L)	Screening	2020-05-26 11:31 (-6)	11		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-26 11:31 (-6)	44		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-26 11:31 (-6)	15		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-26 11:31 (-6)	7.0		- 18.8
	Creatinine (umol/L)	Screening	2020-05-26 11:31 (-6)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-26 11:31 (-6)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-26 11:31 (-6)	4.28		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-26 11:31 (-6)	15.0		7.8 - 26.7
US2031013	Alanine Aminotransferase (U/L)	Screening	2020-05-26 11:34 (-7)	13		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-26 11:34 (-7)	65		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-26 11:34 (-7)	19		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-26 11:34 (-7)	3.4		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031013	Creatinine (umol/L)	Screening	2020-05-26 11:34 (-7)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-26 11:34 (-7)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-26 11:34 (-7)	3.21		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-26 11:34 (-7)	12.9		7.8 - 26.7
US2031019	Alanine Aminotransferase (U/L)	Screening	2020-05-26 14:26 (-3)	30		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-05-26 14:26 (-3)	68		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-26 14:26 (-3)	28		10 - 43
	Bilirubin (umol/L)	Screening	2020-05-26 14:26 (-3)	16.4		- 18.8
	Creatinine (umol/L)	Screening	2020-05-26 14:26 (-3)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-26 14:26 (-3)	3.8		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-26 14:26 (-3)	5.71		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-26 14:26 (-3)	22.9		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031020	Alanine Aminotransferase (U/L)	Screening	2020-05-26 14:25 (-3)	18		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-26 14:25 (-3)	73		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-26 14:25 (-3)	26		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-26 14:25 (-3)	3.6		- 18.8
	Creatinine (umol/L)	Screening	2020-05-26 14:25 (-3)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-26 14:25 (-3)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-26 14:25 (-3)	4.64		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-26 14:25 (-3)	21.7		7.8 - 26.7
US2031021	Alanine Aminotransferase (U/L)	Screening	2020-05-26 14:20 (-6)	21		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-05-26 14:20 (-6)	54		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-26 14:20 (-6)	16		10 - 43
	Bilirubin (umol/L)	Screening	2020-05-26 14:20 (-6)	8.0		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031021	Creatinine (umol/L)	Screening	2020-05-26 14:20 (-6)	88		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-26 14:20 (-6)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-26 14:20 (-6)	4.28		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-26 14:20 (-6)	12.0		7.8 - 26.7
US2031026	Alanine Aminotransferase (U/L)	Screening	2020-05-27 08:19 (-2)	24		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-27 08:19 (-2)	60		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-27 08:19 (-2)	17		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-27 08:19 (-2)	19.8 (H)		- 18.8
	Creatinine (umol/L)	Screening	2020-05-27 08:19 (-2)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-27 08:19 (-2)	4.6		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-27 08:19 (-2)	6.07		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-27 08:19 (-2)	21.2		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031027	Alanine Aminotransferase (U/L)	Screening	2020-05-27 08:10 (-5)	21		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-05-27 08:10 (-5)	74		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-27 08:10 (-5)	22		10 - 43
	Bilirubin (umol/L)	Screening	2020-05-27 08:10 (-5)	5.5		- 18.8
	Creatinine (umol/L)	Screening	2020-05-27 08:10 (-5)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-27 08:10 (-5)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-27 08:10 (-5)	3.93		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-27 08:10 (-5)	13.8		7.8 - 26.7
US2031033	Alanine Aminotransferase (U/L)	Screening	2020-05-27 10:25 (-7)	36		10 - 40
		Unscheduled	2020-06-01 15:33 (-2)	33		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-05-27 10:25 (-7)	73		43 - 115
		Unscheduled	2020-06-01 15:33 (-2)	72		43 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031033	Aspartate Aminotransferase (U/L)	Screening	2020-05-27 10:25 (-7)	25		10 - 43
		Unscheduled	2020-06-01 15:33 (-2)	27		10 - 43
	Bilirubin (umol/L)	Screening	2020-05-27 10:25 (-7)	24.5 (H)	G1 Bilirubin Increased	- 18.8
		Unscheduled	2020-06-01 15:33 (-2)	13.9		- 18.8
	Creatinine (umol/L)	Screening	2020-05-27 10:25 (-7)	71		62 - 124
		Unscheduled	2020-06-01 15:33 (-2)	80		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-27 10:25 (-7)	5.0		0 - 6.8
		Unscheduled	2020-06-01 15:33 (-2)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-27 10:25 (-7)	5.35		1.78 - 7.14
		Unscheduled	2020-06-01 15:33 (-2)	3.93		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-27 10:25 (-7)	18.8		7.8 - 26.7
		Unscheduled	2020-06-01 15:33 (-2)	12.2		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031035	Alanine Aminotransferase (U/L)	Screening	2020-05-27 10:12 (-5)	19		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-27 10:12 (-5)	48		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-27 10:12 (-5)	20		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-27 10:12 (-5)	14.5		- 18.8
	Creatinine (umol/L)	Screening	2020-05-27 10:12 (-5)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-27 10:12 (-5)	3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-27 10:12 (-5)	4.28		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-27 10:12 (-5)	20.0		7.8 - 26.7
US2031037	Alanine Aminotransferase (U/L)	Screening	2020-05-27 10:42 (-6)	20		10 - 40
		Unscheduled	2020-05-29 14:30 (-4)	18		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-05-27 10:42 (-6)	52		43 - 115
		Unscheduled	2020-05-29 14:30 (-4)	53		43 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031037	Aspartate Aminotransferase (U/L)	Screening	2020-05-27 10:42 (-6)	18		10 - 43
		Unscheduled	2020-05-29 14:30 (-4)	20		10 - 43
	Bilirubin (umol/L)	Screening	2020-05-27 10:42 (-6)	19.5 (H)		- 18.8
		Unscheduled	2020-05-29 14:30 (-4)	19.7 (H)		- 18.8
	Creatinine (umol/L)	Screening	2020-05-27 10:42 (-6)	80		62 - 124
		Unscheduled	2020-05-29 14:30 (-4)	80		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-27 10:42 (-6)	4.1		0 - 6.8
		Unscheduled	2020-05-29 14:30 (-4)	3.9		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-27 10:42 (-6)	4.28		1.78 - 7.14
		Unscheduled	2020-05-29 14:30 (-4)	5.71		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-27 10:42 (-6)	13.3		7.8 - 26.7
		Unscheduled	2020-05-29 14:30 (-4)	17.8		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031047	Alanine Aminotransferase (U/L)	Screening	2020-05-27 16:27 (-5)	19		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-27 16:27 (-5)	37		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-27 16:27 (-5)	22		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-27 16:27 (-5)	8.6		- 18.8
	Creatinine (umol/L)	Screening	2020-05-27 16:27 (-5)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-27 16:27 (-5)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-27 16:27 (-5)	5.35		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-27 16:27 (-5)	18.8		7.8 - 26.7
US2031050	Alanine Aminotransferase (U/L)	Screening	2020-05-28 09:16 (-6)	12		10 - 33
		Unscheduled	2020-06-01 14:15 (-2)	11		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-28 09:16 (-6)	28 (L)		30 - 115
		Unscheduled	2020-06-01 14:15 (-2)	32		30 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031050	Aspartate Aminotransferase (U/L)	Screening	2020-05-28 09:16 (-6)	17		10 - 36
		Unscheduled	2020-06-01 14:15 (-2)	21		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-28 09:16 (-6)	12.7		- 18.8
		Unscheduled	2020-06-01 14:15 (-2)	7.9		- 18.8
	Creatinine (umol/L)	Screening	2020-05-28 09:16 (-6)	62		62 - 124
		Unscheduled	2020-06-01 14:15 (-2)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-28 09:16 (-6)	<3.4		0 - 6.8
		Unscheduled	2020-06-01 14:15 (-2)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-28 09:16 (-6)	3.93		1.78 - 7.14
		Unscheduled	2020-06-01 14:15 (-2)	4.28		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-28 09:16 (-6)	15.7		7.8 - 26.7
		Unscheduled	2020-06-01 14:15 (-2)	20.0		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031060	Alanine Aminotransferase (U/L)	Screening	2020-05-28 16:50 (-7)	13		10 - 33
		Unscheduled	2020-06-02 08:05 (-2)	10		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-28 16:50 (-7)	60		30 - 115
		Unscheduled	2020-06-02 08:05 (-2)	65		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-28 16:50 (-7)	18		10 - 36
		Unscheduled	2020-06-02 08:05 (-2)	17		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-28 16:50 (-7)	8.9		- 18.8
		Unscheduled	2020-06-02 08:05 (-2)	6.8		- 18.8
	Creatinine (umol/L)	Screening	2020-05-28 16:50 (-7)	80		62 - 124
		Unscheduled	2020-06-02 08:05 (-2)	80		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-28 16:50 (-7)	<3.4		0 - 6.8
		Unscheduled	2020-06-02 08:05 (-2)	<3.4		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031060	Urea Nitrogen (mmol/L)	Screening	2020-05-28 16:50 (-7)	6.07		1.78 - 7.14
		Unscheduled	2020-06-02 08:05 (-2)	5.00		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-28 16:50 (-7)	18.9		7.8 - 26.7
		Unscheduled	2020-06-02 08:05 (-2)	15.6		7.8 - 26.7
US2031062	Alanine Aminotransferase (U/L)	Screening	2020-05-28 17:28 (-7)	17		10 - 33
		Unscheduled	2020-06-01 15:53 (-3)	17		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-28 17:28 (-7)	47		30 - 115
		Unscheduled	2020-06-01 15:53 (-3)	47		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-28 17:28 (-7)	20		10 - 36
		Unscheduled	2020-06-01 15:53 (-3)	17		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-28 17:28 (-7)	<2.6		- 18.8
		Unscheduled	2020-06-01 15:53 (-3)	<2.6		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031062	Creatinine (umol/L)	Screening	2020-05-28 17:28 (-7)	62		62 - 124
		Unscheduled	2020-06-01 15:53 (-3)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-28 17:28 (-7)	<3.4		0 - 6.8
		Unscheduled	2020-06-01 15:53 (-3)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-28 17:28 (-7)	4.28		1.78 - 7.14
		Unscheduled	2020-06-01 15:53 (-3)	5.35		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-28 17:28 (-7)	17.1		7.8 - 26.7
		Unscheduled	2020-06-01 15:53 (-3)	21.4		7.8 - 26.7
US2031073	Alanine Aminotransferase (U/L)	Screening	2020-05-29 13:55 (-4)	28		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-05-29 13:55 (-4)	50		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-29 13:55 (-4)	21		10 - 43
	Bilirubin (umol/L)	Screening	2020-05-29 13:55 (-4)	6.8		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031073	Creatinine (umol/L)	Screening	2020-05-29 13:55 (-4)	80		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-29 13:55 (-4)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-29 13:55 (-4)	6.07		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-29 13:55 (-4)	18.9		7.8 - 26.7
US2031079	Alanine Aminotransferase (U/L)	Screening	2020-06-02 11:35 (-2)	29		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-02 11:35 (-2)	67		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-02 11:35 (-2)	33		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-02 11:35 (-2)	6.2		- 18.8
	Creatinine (umol/L)	Screening	2020-06-02 11:35 (-2)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-02 11:35 (-2)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-02 11:35 (-2)	1.78		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-02 11:35 (-2)	8.3		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031084	Alanine Aminotransferase (U/L)	Screening	2020-06-05 08:28 (-5)	15		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-05 08:28 (-5)	54		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-05 08:28 (-5)	18		10 - 43
	Bilirubin (umol/L)	Screening	2020-06-05 08:28 (-5)	10.9		- 18.8
	Creatinine (umol/L)	Screening	2020-06-05 08:28 (-5)	88		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-05 08:28 (-5)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-05 08:28 (-5)	5.00		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-05 08:28 (-5)	14.0		7.8 - 26.7
US2041008	Alanine Aminotransferase (U/L)	Screening	2020-05-26 10:24 (-6)	22		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-05-26 10:24 (-6)	59		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-26 10:24 (-6)	23		10 - 43
	Bilirubin (umol/L)	Screening	2020-05-26 10:24 (-6)	7.5		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041008	Creatinine (umol/L)	Screening	2020-05-26 10:24 (-6)	80		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-26 10:24 (-6)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-26 10:24 (-6)	3.57		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-26 10:24 (-6)	11.1		7.8 - 26.7
US2041010	Alanine Aminotransferase (U/L)	Screening	2020-05-26 11:13 (-3)	15		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-26 11:13 (-3)	48		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-26 11:13 (-3)	17		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-26 11:13 (-3)	7.9		- 18.8
	Creatinine (umol/L)	Screening	2020-05-26 11:13 (-3)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-26 11:13 (-3)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-26 11:13 (-3)	5.00		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-26 11:13 (-3)	20.0		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041024	Alanine Aminotransferase (U/L)	Screening	2020-05-27 08:30 (-7)	79 (H)	G1 Alanine Aminotransferase Increased	10 - 40
		Unscheduled	2020-06-01 07:15 (-2)	39		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-05-27 08:30 (-7)	60		43 - 115
		Unscheduled	2020-06-01 07:15 (-2)	63		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-27 08:30 (-7)	168 (H)	G2 Aspartate Aminotransferase Increased	10 - 43
		Unscheduled	2020-06-01 07:15 (-2)	22		10 - 43
	Bilirubin (umol/L)	Screening	2020-05-27 08:30 (-7)	12.3		- 18.8
		Unscheduled	2020-06-01 07:15 (-2)	7.2		- 18.8
	Creatinine (umol/L)	Screening	2020-05-27 08:30 (-7)	80		62 - 124
		Unscheduled	2020-06-01 07:15 (-2)	88		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-27 08:30 (-7)	<3.4		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041024	Direct Bilirubin (umol/L)	Unscheduled	2020-06-01 07:15 (-2)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-27 08:30 (-7)	5.00		1.78 - 7.14
		Unscheduled	2020-06-01 07:15 (-2)	6.43		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-27 08:30 (-7)	15.6		7.8 - 26.7
		Unscheduled	2020-06-01 07:15 (-2)	18.0		7.8 - 26.7
US2041026	Alanine Aminotransferase (U/L)	Screening	2020-05-27 09:47 (-6)	43 (H)		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-05-27 09:47 (-6)	76		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-27 09:47 (-6)	32		10 - 43
	Bilirubin (umol/L)	Screening	2020-05-27 09:47 (-6)	9.9		- 18.8
	Creatinine (umol/L)	Screening	2020-05-27 09:47 (-6)	88		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-27 09:47 (-6)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-27 09:47 (-6)	5.71		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041026	Urea Nitrogen/Creatinine	Screening	2020-05-27 09:47 (-6)	16.0		7.8 - 26.7
US2041041	Alanine Aminotransferase (U/L)	Screening	2020-05-27 15:55 (-5)	20		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-05-27 15:55 (-5)	63		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-27 15:55 (-5)	27		10 - 43
	Bilirubin (umol/L)	Screening	2020-05-27 15:55 (-5)	11.8		- 18.8
	Creatinine (umol/L)	Screening	2020-05-27 15:55 (-5)	97		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-27 15:55 (-5)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-27 15:55 (-5)	5.35		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-27 15:55 (-5)	13.6		7.8 - 26.7
US2041046	Alanine Aminotransferase (U/L)	Screening	2020-05-28 08:09 (-7)	23		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-05-28 08:09 (-7)	53		43 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041046	Aspartate Aminotransferase (U/L)	Screening	2020-05-28 08:09 (-7)	25		10 - 43
	Bilirubin (umol/L)	Screening	2020-05-28 08:09 (-7)	15.7		- 18.8
	Creatinine (umol/L)	Screening	2020-05-28 08:09 (-7)	80		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-28 08:09 (-7)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-28 08:09 (-7)	4.64		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-28 08:09 (-7)	14.4		7.8 - 26.7
US2041048	Alanine Aminotransferase (U/L)	Screening	2020-05-28 09:03 (-5)	20		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-28 09:03 (-5)	61		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-28 09:03 (-5)	16		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-28 09:03 (-5)	7.4		- 18.8
	Creatinine (umol/L)	Screening	2020-05-28 09:03 (-5)	44 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-28 09:03 (-5)	<3.4		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041048	Urea Nitrogen (mmol/L)	Screening	2020-05-28 09:03 (-5)	2.86		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-28 09:03 (-5)	16.0		7.8 - 26.7
US2041060	Alanine Aminotransferase (U/L)	Screening	2020-05-28 15:03 (-5)	28		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-28 15:03 (-5)	62		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-28 15:03 (-5)	21		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-28 15:03 (-5)	2.9		- 18.8
	Creatinine (umol/L)	Screening	2020-05-28 15:03 (-5)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-28 15:03 (-5)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-28 15:03 (-5)	3.57		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-28 15:03 (-5)	16.7		7.8 - 26.7
US2041061	Alanine Aminotransferase (U/L)	Screening	2020-05-28 15:17 (-5)	32		10 - 33

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041061	Alkaline Phosphatase (U/L)	Screening	2020-05-28 15:17 (-5)	81		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-28 15:17 (-5)	31		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-28 15:17 (-5)	8.2		- 18.8
	Creatinine (umol/L)	Screening	2020-05-28 15:17 (-5)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-28 15:17 (-5)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-05-28 15:17 (-5)	82.8 (H)		1.7 - 21.5
	Urea Nitrogen (mmol/L)	Screening	2020-05-28 15:17 (-5)	5.00		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-28 15:17 (-5)	17.5		7.8 - 26.7
US2041073	Alanine Aminotransferase (U/L)	Screening	2020-05-29 09:42 (-4)	18		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-29 09:42 (-4)	67		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-29 09:42 (-4)	17		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-29 09:42 (-4)	6.5		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041073	Creatinine (umol/L)	Screening	2020-05-29 09:42 (-4)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-29 09:42 (-4)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-29 09:42 (-4)	5.00		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-29 09:42 (-4)	17.5		7.8 - 26.7
US2041079	Alanine Aminotransferase (U/L)	Screening	2020-05-29 12:12 (-5)	18		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-29 12:12 (-5)	56		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-29 12:12 (-5)	20		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-29 12:12 (-5)	15.9		- 18.8
	Creatinine (umol/L)	Screening	2020-05-29 12:12 (-5)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-29 12:12 (-5)	4.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-29 12:12 (-5)	5.00		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-29 12:12 (-5)	23.3		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041080	Alanine Aminotransferase (U/L)	Screening	2020-05-29 12:20 (-5)	12		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-29 12:20 (-5)	47		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-29 12:20 (-5)	15		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-29 12:20 (-5)	10.8		- 18.8
	Creatinine (umol/L)	Screening	2020-05-29 12:20 (-5)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-29 12:20 (-5)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-29 12:20 (-5)	3.57		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-29 12:20 (-5)	16.7		7.8 - 26.7
US2041084	Alanine Aminotransferase (U/L)	Screening	2020-06-01 12:44 (-3)	11		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-01 12:44 (-3)	115		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-01 12:44 (-3)	19		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-01 12:44 (-3)	7.0		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041084	Creatinine (umol/L)	Screening	2020-06-01 12:44 (-3)	88		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-01 12:44 (-3)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-01 12:44 (-3)	>200.0 (H)		1.7 - 21.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-01 12:44 (-3)	5.71		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-01 12:44 (-3)	16.0		7.8 - 26.7
US2051001	Alanine Aminotransferase (U/L)	Screening	2020-05-26 09:13 (-9)	28		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-05-26 09:13 (-9)	45		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-26 09:13 (-9)	22		10 - 43
	Bilirubin (umol/L)	Screening	2020-05-26 09:13 (-9)	5.3		- 18.8
	Creatinine (umol/L)	Screening	2020-05-26 09:13 (-9)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-26 09:13 (-9)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-26 09:13 (-9)	3.93		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051001	Urea Nitrogen/Creatinine	Screening	2020-05-26 09:13 (-9)	13.8		7.8 - 26.7
US2051002	Alanine Aminotransferase (U/L)	Screening	2020-05-26 10:06 (-7)	12		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-26 10:06 (-7)	43		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-26 10:06 (-7)	17		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-26 10:06 (-7)	10.3		- 18.8
	Creatinine (umol/L)	Screening	2020-05-26 10:06 (-7)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-26 10:06 (-7)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-26 10:06 (-7)	4.64		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-26 10:06 (-7)	21.7		7.8 - 26.7
US2051003	Alanine Aminotransferase (U/L)	Screening	2020-05-26 09:56 (-3)	22		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-05-26 09:56 (-3)	38 (L)		43 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051003	Aspartate Aminotransferase (U/L)	Screening	2020-05-26 09:56 (-3)	19		10 - 43
	Bilirubin (umol/L)	Screening	2020-05-26 09:56 (-3)	18.0		- 18.8
	Creatinine (umol/L)	Screening	2020-05-26 09:56 (-3)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-26 09:56 (-3)	4.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-26 09:56 (-3)	5.35		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-26 09:56 (-3)	18.8		7.8 - 26.7
US2051012	Alanine Aminotransferase (U/L)	Screening	2020-05-27 12:43 (-6)	15		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-05-27 12:43 (-6)	55		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-27 12:43 (-6)	20		10 - 43
	Bilirubin (umol/L)	Screening	2020-05-27 12:43 (-6)	10.8		- 18.8
	Creatinine (umol/L)	Screening	2020-05-27 12:43 (-6)	80		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-27 12:43 (-6)	<3.4		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051012	Urea Nitrogen (mmol/L)	Screening	2020-05-27 12:43 (-6)	4.28		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-27 12:43 (-6)	13.3		7.8 - 26.7
US2051013	Alanine Aminotransferase (U/L)	Screening	2020-05-27 13:05 (-7)	20		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-05-27 13:05 (-7)	68		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-27 13:05 (-7)	22		10 - 43
	Bilirubin (umol/L)	Screening	2020-05-27 13:05 (-7)	12.3		- 18.8
	Creatinine (umol/L)	Screening	2020-05-27 13:05 (-7)	80		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-27 13:05 (-7)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-27 13:05 (-7)	5.00		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-27 13:05 (-7)	15.6		7.8 - 26.7
US2051017	Alanine Aminotransferase (U/L)	Screening	2020-05-27 14:34 (-9)	17		10 - 40

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051017	Alkaline Phosphatase (U/L)	Screening	2020-05-27 14:34 (-9)	69		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-27 14:34 (-9)	25		10 - 43
	Bilirubin (umol/L)	Screening	2020-05-27 14:34 (-9)	6.3		- 18.8
	Creatinine (umol/L)	Screening	2020-05-27 14:34 (-9)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-27 14:34 (-9)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-27 14:34 (-9)	6.07		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-27 14:34 (-9)	24.3		7.8 - 26.7
US2051019	Alanine Aminotransferase (U/L)	Screening	2020-05-27 15:35 (-13)	15		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-27 15:35 (-13)	87		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-27 15:35 (-13)	20		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-27 15:35 (-13)	12.5		- 18.8
	Creatinine (umol/L)	Screening	2020-05-27 15:35 (-13)	62		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051019	Direct Bilirubin (umol/L)	Screening	2020-05-27 15:35 (-13)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-27 15:35 (-13)	4.64		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-27 15:35 (-13)	18.6		7.8 - 26.7
US2051020	Alanine Aminotransferase (U/L)	Screening	2020-05-27 16:00 (-8)	19		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-27 16:00 (-8)	48		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-27 16:00 (-8)	33		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-27 16:00 (-8)	13.5		- 18.8
	Creatinine (umol/L)	Screening	2020-05-27 16:00 (-8)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-27 16:00 (-8)	3.8		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-05-27 16:00 (-8)	104.7 (H)		1.7 - 21.5
	Urea Nitrogen (mmol/L)	Screening	2020-05-27 16:00 (-8)	5.00		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-27 16:00 (-8)	20.0		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051024	Alanine Aminotransferase (U/L)	Screening	2020-05-28 10:00 (-5)	10		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-28 10:00 (-5)	33		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-28 10:00 (-5)	17		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-28 10:00 (-5)	4.8		- 18.8
	Creatinine (umol/L)	Screening	2020-05-28 10:00 (-5)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-28 10:00 (-5)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-28 10:00 (-5)	2.86		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-28 10:00 (-5)	10.0		7.8 - 26.7
US2051025	Alanine Aminotransferase (U/L)	Screening	2020-05-28 10:37 (-8)	14		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-28 10:37 (-8)	47		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-28 10:37 (-8)	19		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-28 10:37 (-8)	4.6		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051025	Creatinine (umol/L)	Screening	2020-05-28 10:37 (-8)	35 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-28 10:37 (-8)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-28 10:37 (-8)	2.50		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-28 10:37 (-8)	17.5		7.8 - 26.7
US2051026	Alanine Aminotransferase (U/L)	Screening	2020-05-28 11:03 (-5)	29		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-05-28 11:03 (-5)	54		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-28 11:03 (-5)	21		10 - 43
	Bilirubin (umol/L)	Screening	2020-05-28 11:03 (-5)	10.6		- 18.8
	Creatinine (umol/L)	Screening	2020-05-28 11:03 (-5)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-28 11:03 (-5)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-28 11:03 (-5)	5.00		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-28 11:03 (-5)	20.0		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051028	Alanine Aminotransferase (U/L)	Screening	2020-05-28 12:12 (-7)	27		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-05-28 12:12 (-7)	41 (L)		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-28 12:12 (-7)	21		10 - 43
	Bilirubin (umol/L)	Screening	2020-05-28 12:12 (-7)	8.9		- 18.8
	Creatinine (umol/L)	Screening	2020-05-28 12:12 (-7)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-28 12:12 (-7)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-28 12:12 (-7)	4.64		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-28 12:12 (-7)	18.6		7.8 - 26.7
US2051029	Alanine Aminotransferase (U/L)	Screening	2020-05-28 12:30 (-7)	14		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-05-28 12:30 (-7)	49		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-28 12:30 (-7)	16		10 - 43
	Bilirubin (umol/L)	Screening	2020-05-28 12:30 (-7)	9.2		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051029	Creatinine (umol/L)	Screening	2020-05-28 12:30 (-7)	88		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-28 12:30 (-7)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-28 12:30 (-7)	5.71		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-28 12:30 (-7)	16.0		7.8 - 26.7
US2051030	Alanine Aminotransferase (U/L)	Screening	2020-05-28 13:11 (-6)	12		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-28 13:11 (-6)	35		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-28 13:11 (-6)	17		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-28 13:11 (-6)	4.6		- 18.8
	Creatinine (umol/L)	Screening	2020-05-28 13:11 (-6)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-28 13:11 (-6)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-28 13:11 (-6)	3.21		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-28 13:11 (-6)	15.0		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051045	Alanine Aminotransferase (U/L)	Screening	2020-06-03 14:36 (-7)	20		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-03 14:36 (-7)	64		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-03 14:36 (-7)	20		10 - 43
	Bilirubin (umol/L)	Screening	2020-06-03 14:36 (-7)	7.0		- 18.8
	Creatinine (umol/L)	Screening	2020-06-03 14:36 (-7)	88		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-03 14:36 (-7)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-03 14:36 (-7)	4.28		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-03 14:36 (-7)	12.0		7.8 - 26.7
US2061008	Alanine Aminotransferase (U/L)	Screening	2020-05-28 13:49 (-6)	19		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-05-28 13:49 (-6)	79		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-28 13:49 (-6)	18		10 - 43
	Bilirubin (umol/L)	Screening	2020-05-28 13:49 (-6)	9.9		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061008	Creatinine (umol/L)	Screening	2020-05-28 13:49 (-6)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-28 13:49 (-6)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-28 13:49 (-6)	3.21		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-28 13:49 (-6)	11.2		7.8 - 26.7
US2061010	Alanine Aminotransferase (U/L)	Screening	2020-05-28 15:04 (-6)	30		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-05-28 15:04 (-6)	47		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-28 15:04 (-6)	22		10 - 43
	Bilirubin (umol/L)	Screening	2020-05-28 15:04 (-6)	6.2		- 18.8
	Creatinine (umol/L)	Screening	2020-05-28 15:04 (-6)	80		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-28 15:04 (-6)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-28 15:04 (-6)	5.71		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-28 15:04 (-6)	17.8		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061020	Alanine Aminotransferase (U/L)	Screening	2020-05-29 11:00 (-10)	17		10 - 40
		Unscheduled	2020-08-04 (58)	15		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-05-29 11:00 (-10)	45		43 - 115
		Unscheduled	2020-08-04 (58)	48		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-29 11:00 (-10)	21		10 - 43
		Unscheduled	2020-08-04 (58)	16		10 - 43
	Bilirubin (umol/L)	Screening	2020-05-29 11:00 (-10)	6.2		- 18.8
		Unscheduled	2020-08-04 (58)	5.6		- 18.8
	Creatinine (umol/L)	Screening	2020-05-29 11:00 (-10)	62		62 - 124
		Unscheduled	2020-08-04 (58)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-29 11:00 (-10)	<3.4		0 - 6.8
		Unscheduled	2020-08-04 (58)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-29 11:00 (-10)	5.35		1.78 - 7.14
		Unscheduled	2020-08-04 (58)	4.64		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-29 11:00 (-10)	21.4		7.8 - 26.7
		Unscheduled	2020-08-04 (58)	16.2		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061023	Alanine Aminotransferase (U/L)	Screening	2020-05-29 14:17 (-7)	21		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-29 14:17 (-7)	34		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-29 14:17 (-7)	19		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-29 14:17 (-7)	9.6		- 18.8
	Creatinine (umol/L)	Screening	2020-05-29 14:17 (-7)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-29 14:17 (-7)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-29 14:17 (-7)	3.93		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-29 14:17 (-7)	13.8		7.8 - 26.7
US2061025	Alanine Aminotransferase (U/L)	Screening	2020-05-29 16:10 (-5)	14		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-05-29 16:10 (-5)	56		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-29 16:10 (-5)	20		10 - 43
	Bilirubin (umol/L)	Screening	2020-05-29 16:10 (-5)	7.2		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061025	Creatinine (umol/L)	Screening	2020-05-29 16:10 (-5)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-29 16:10 (-5)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-29 16:10 (-5)	4.28		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-29 16:10 (-5)	15.0		7.8 - 26.7
US2061027	Alanine Aminotransferase (U/L)	Screening	2020-06-02 14:33 (-3)	16		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-02 14:33 (-3)	79		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-02 14:33 (-3)	17		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-02 14:33 (-3)	2.6		- 18.8
	Creatinine (umol/L)	Screening	2020-06-02 14:33 (-3)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-02 14:33 (-3)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-02 14:33 (-3)	5.00		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-02 14:33 (-3)	23.3		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071002	Alanine Aminotransferase (U/L)	Screening	2020-05-22 13:37 (-10)	11		10 - 33
		Unscheduled	2020-07-09 (39)	12		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-22 13:37 (-10)	57		30 - 115
		Unscheduled	2020-07-09 (39)	57		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-22 13:37 (-10)	16		10 - 36
		Unscheduled	2020-07-09 (39)	11		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-22 13:37 (-10)	4.6		- 18.8
		Unscheduled	2020-07-09 (39)	4.1		- 18.8
	Creatinine (umol/L)	Screening	2020-05-22 13:37 (-10)	44 (L)		62 - 124
		Unscheduled	2020-07-09 (39)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-22 13:37 (-10)	<3.4		0 - 6.8
		Unscheduled	2020-07-09 (39)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-22 13:37 (-10)	5.00		1.78 - 7.14
		Unscheduled	2020-07-09 (39)	4.28		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-22 13:37 (-10)	28.0 (H)		7.8 - 26.7
		Unscheduled	2020-07-09 (39)	20.0		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071016	Alanine Aminotransferase (U/L)	Screening	2020-05-25 17:22 (-9)	19		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-25 17:22 (-9)	54		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-25 17:22 (-9)	19		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-25 17:22 (-9)	3.2		- 18.8
	Creatinine (umol/L)	Screening	2020-05-25 17:22 (-9)	44 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-25 17:22 (-9)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-25 17:22 (-9)	4.28		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-25 17:22 (-9)	24.0		7.8 - 26.7
US2071026	Alanine Aminotransferase (U/L)	Screening	2020-05-26 13:10 (-13)	23		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-05-26 13:10 (-13)	53		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-26 13:10 (-13)	28		10 - 43
	Bilirubin (umol/L)	Screening	2020-05-26 13:10 (-13)	7.9		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071026	Creatinine (umol/L)	Screening	2020-05-26 13:10 (-13)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-26 13:10 (-13)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-26 13:10 (-13)	5.35		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-26 13:10 (-13)	18.8		7.8 - 26.7
US2071036	Alanine Aminotransferase (U/L)	Screening	2020-05-27 11:05 (-12)	40		10 - 40
		Unscheduled	2020-06-02 16:30 (-6)	18		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-05-27 11:05 (-12)	86		43 - 115
		Unscheduled	2020-06-02 16:30 (-6)	82		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-27 11:05 (-12)	52 (H)	G1 Aspartate Aminotransferase Increased	10 - 43
		Unscheduled	2020-06-02 16:30 (-6)	20		10 - 43
	Bilirubin (umol/L)	Screening	2020-05-27 11:05 (-12)	11.8		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071036	Bilirubin (umol/L)	Unscheduled	2020-06-02 16:30 (-6)	8.0		- 18.8
	Creatinine (umol/L)	Screening	2020-05-27 11:05 (-12)	71		62 - 124
		Unscheduled	2020-06-02 16:30 (-6)	88		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-27 11:05 (-12)	<3.4		0 - 6.8
		Unscheduled	2020-06-02 16:30 (-6)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-27 11:05 (-12)	5.00		1.78 - 7.14
		Unscheduled	2020-06-02 16:30 (-6)	3.93		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-27 11:05 (-12)	17.5		7.8 - 26.7
		Unscheduled	2020-06-02 16:30 (-6)	11.0		7.8 - 26.7
US2071038	Alanine Aminotransferase (U/L)	Screening	2020-05-27 12:40 (-8)	24		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-05-27 12:40 (-8)	74		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-27 12:40 (-8)	23		10 - 43

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071038	Bilirubin (umol/L)	Screening	2020-05-27 12:40 (-8)	8.2		- 18.8
	Creatinine (umol/L)	Screening	2020-05-27 12:40 (-8)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-27 12:40 (-8)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-27 12:40 (-8)	5.00		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-27 12:40 (-8)	17.5		7.8 - 26.7
US2071039	Alanine Aminotransferase (U/L)	Screening	2020-05-27 17:14 (-9)	9 (L)		10 - 33
		Unscheduled	2020-08-13 17:07 (32)	12		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-27 17:14 (-9)	64		30 - 115
		Unscheduled	2020-08-13 17:07 (32)	64		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-27 17:14 (-9)	19		10 - 36
		Unscheduled	2020-08-13 17:07 (32)	19		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-27 17:14 (-9)	3.4		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071039	Bilirubin (umol/L)	Unscheduled	2020-08-13 17:07 (32)	3.6		- 18.8
	Creatinine (umol/L)	Screening	2020-05-27 17:14 (-9)	53 (L)		62 - 124
		Unscheduled	2020-08-13 17:07 (32)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-27 17:14 (-9)	<3.4		0 - 6.8
		Unscheduled	2020-08-13 17:07 (32)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-27 17:14 (-9)	7.14		1.78 - 7.14
		Unscheduled	2020-08-13 17:07 (32)	5.71		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-27 17:14 (-9)	33.3 (H)		7.8 - 26.7
		Unscheduled	2020-08-13 17:07 (32)	22.9		7.8 - 26.7
US2071040	Alanine Aminotransferase (U/L)	Screening	2020-05-28 09:24 (-11)	12		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-28 09:24 (-11)	81		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-28 09:24 (-11)	20		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071040	Bilirubin (umol/L)	Screening	2020-05-28 09:24 (-11)	7.7		- 18.8
	Creatinine (umol/L)	Screening	2020-05-28 09:24 (-11)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-28 09:24 (-11)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-28 09:24 (-11)	6.07		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-28 09:24 (-11)	28.3 (H)		7.8 - 26.7
US2071051	Alanine Aminotransferase (U/L)	Screening	2020-05-29 10:31 (-7)	28		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-29 10:31 (-7)	62		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-29 10:31 (-7)	20		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-29 10:31 (-7)	12.3		- 18.8
	Creatinine (umol/L)	Screening	2020-05-29 10:31 (-7)	106		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-29 10:31 (-7)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-29 10:31 (-7)	5.35		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071051	Urea Nitrogen/Creatinine	Screening	2020-05-29 10:31 (-7)	12.5		7.8 - 26.7
US2071068	Alanine Aminotransferase (U/L)	Screening	2020-06-01 17:34 (-7)	25		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-01 17:34 (-7)	93		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-01 17:34 (-7)	21		10 - 43
	Bilirubin (umol/L)	Screening	2020-06-01 17:34 (-7)	9.4		- 18.8
	Creatinine (umol/L)	Screening	2020-06-01 17:34 (-7)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-01 17:34 (-7)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-01 17:34 (-7)	3.93		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-01 17:34 (-7)	13.8		7.8 - 26.7
US2071069	Alanine Aminotransferase (U/L)	Screening	2020-06-02 11:10 (-6)	22		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-02 11:10 (-6)	50		43 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071069	Aspartate Aminotransferase (U/L)	Screening	2020-06-02 11:10 (-6)	19		10 - 43
	Bilirubin (umol/L)	Screening	2020-06-02 11:10 (-6)	7.4		- 18.8
	Creatinine (umol/L)	Screening	2020-06-02 11:10 (-6)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-02 11:10 (-6)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-02 11:10 (-6)	4.64		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-02 11:10 (-6)	21.7		7.8 - 26.7
US2071071	Alanine Aminotransferase (U/L)	Screening	2020-06-02 12:23 (-3)	17		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-02 12:23 (-3)	34		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-02 12:23 (-3)	14		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-02 12:23 (-3)	24.6 (H)	G1 Bilirubin Increased	- 18.8
	Creatinine (umol/L)	Screening	2020-06-02 12:23 (-3)	44 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-02 12:23 (-3)	5.1		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071071	Urea Nitrogen (mmol/L)	Screening	2020-06-02 12:23 (-3)	3.57		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-02 12:23 (-3)	20.0		7.8 - 26.7
US2071073	Alanine Aminotransferase (U/L)	Screening	2020-06-02 15:56 (-6)	18		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-02 15:56 (-6)	44		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-02 15:56 (-6)	23		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-02 15:56 (-6)	8.2		- 18.8
	Creatinine (umol/L)	Screening	2020-06-02 15:56 (-6)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-02 15:56 (-6)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-02 15:56 (-6)	2.86		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-02 15:56 (-6)	13.3		7.8 - 26.7
US2071077	Alanine Aminotransferase (U/L)	Screening	2020-06-03 13:16 (-5)	26		10 - 40

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071077	Alkaline Phosphatase (U/L)	Screening	2020-06-03 13:16 (-5)	42 (L)		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-03 13:16 (-5)	25		10 - 43
	Bilirubin (umol/L)	Screening	2020-06-03 13:16 (-5)	5.0		- 18.8
	Creatinine (umol/L)	Screening	2020-06-03 13:16 (-5)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-03 13:16 (-5)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-03 13:16 (-5)	3.57		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-03 13:16 (-5)	14.3		7.8 - 26.7
US2081023	Alanine Aminotransferase (U/L)	Screening	2020-05-28 13:34 (-6)	22		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-05-28 13:34 (-6)	64		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-28 13:34 (-6)	30		10 - 43
	Bilirubin (umol/L)	Screening	2020-05-28 13:34 (-6)	13.7		- 18.8
	Creatinine (umol/L)	Screening	2020-05-28 13:34 (-6)	88		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081023	Direct Bilirubin (umol/L)	Screening	2020-05-28 13:34 (-6)	3.8		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-28 13:34 (-6)	5.00		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-28 13:34 (-6)	14.0		7.8 - 26.7
US2081025	Alanine Aminotransferase (U/L)	Screening	2020-05-28 15:21 (-6)	25		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-05-28 15:21 (-6)	70		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-28 15:21 (-6)	22		10 - 43
	Bilirubin (umol/L)	Screening	2020-05-28 15:21 (-6)	15.7		- 18.8
	Creatinine (umol/L)	Screening	2020-05-28 15:21 (-6)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-28 15:21 (-6)	3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-28 15:21 (-6)	7.85 (H)		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-28 15:21 (-6)	31.4 (H)		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081028	Alanine Aminotransferase (U/L)	Screening	2020-05-29 09:22 (-4)	22		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-05-29 09:22 (-4)	74		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-29 09:22 (-4)	20		10 - 43
	Bilirubin (umol/L)	Screening	2020-05-29 09:22 (-4)	4.3		- 18.8
	Creatinine (umol/L)	Screening	2020-05-29 09:22 (-4)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-29 09:22 (-4)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-29 09:22 (-4)	5.71		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-29 09:22 (-4)	22.9		7.8 - 26.7
US2081045	Alanine Aminotransferase (U/L)	Screening	2020-06-01 15:22 (-3)	20		10 - 40
		Unscheduled	2020-06-25 (22)	18		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-01 15:22 (-3)	49		43 - 115
		Unscheduled	2020-06-25 (22)	50		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-01 15:22 (-3)	28		10 - 43

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081045	Aspartate Aminotransferase (U/L)	Unscheduled	2020-06-25 (22)	27		10 - 43
	Bilirubin (umol/L)	Screening	2020-06-01 15:22 (-3)	6.7		- 18.8
		Unscheduled	2020-06-25 (22)	4.8		- 18.8
	Creatinine (umol/L)	Screening	2020-06-01 15:22 (-3)	115		62 - 124
		Unscheduled	2020-06-25 (22)	80		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-01 15:22 (-3)	<3.4		0 - 6.8
		Unscheduled	2020-06-25 (22)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-01 15:22 (-3)	9.64 (H)	G2 Blood Urea Nitrogen Increased	1.78 - 7.14
		Unscheduled	2020-06-25 (22)	6.78		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-01 15:22 (-3)	20.8		7.8 - 26.7
		Unscheduled	2020-06-25 (22)	21.1		7.8 - 26.7
US2081051	Alanine Aminotransferase (U/L)	Screening	2020-06-02 14:01 (-3)	16		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-02 14:01 (-3)	78		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-02 14:01 (-3)	24		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081051	Bilirubin (umol/L)	Screening	2020-06-02 14:01 (-3)	2.6		- 18.8
	Creatinine (umol/L)	Screening	2020-06-02 14:01 (-3)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-02 14:01 (-3)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-02 14:01 (-3)	6.07		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-02 14:01 (-3)	24.3		7.8 - 26.7
US2081062	Alanine Aminotransferase (U/L)	Screening	2020-06-05 09:02 (-3)	14		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-05 09:02 (-3)	50		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-05 09:02 (-3)	17		10 - 43
	Bilirubin (umol/L)	Screening	2020-06-05 09:02 (-3)	11.3		- 18.8
	Creatinine (umol/L)	Screening	2020-06-05 09:02 (-3)	80		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-05 09:02 (-3)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-05 09:02 (-3)	5.71		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081062	Urea Nitrogen/Creatinine	Screening	2020-06-05 09:02 (-3)	17.8		7.8 - 26.7
US2081063	Alanine Aminotransferase (U/L)	Screening	2020-06-05 10:45 (-3)	21		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-05 10:45 (-3)	58		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-05 10:45 (-3)	26		10 - 43
	Bilirubin (umol/L)	Screening	2020-06-05 10:45 (-3)	7.9		- 18.8
	Creatinine (umol/L)	Screening	2020-06-05 10:45 (-3)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-05 10:45 (-3)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-05 10:45 (-3)	2.14		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-05 10:45 (-3)	7.5 (L)		7.8 - 26.7
US2081064	Alanine Aminotransferase (U/L)	Screening	2020-06-05 12:17 (-3)	16		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-05 12:17 (-3)	53		43 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081064	Aspartate Aminotransferase (U/L)	Screening	2020-06-05 12:17 (-3)	14		10 - 43
	Bilirubin (umol/L)	Screening	2020-06-05 12:17 (-3)	7.4		- 18.8
	Creatinine (umol/L)	Screening	2020-06-05 12:17 (-3)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-05 12:17 (-3)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-05 12:17 (-3)	5.00		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-05 12:17 (-3)	20.0		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011007	Alanine Aminotransferase (U/L)	Screening	2020-05-26 14:44 (-6)	32		10 - 33
		Day 29	2020-06-29 12:26 (29)	22		10 - 33
		Day 57	2020-07-27 13:02 (29)	29		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-26 14:44 (-6)	73		30 - 115
		Day 29	2020-06-29 12:26 (29)	71		30 - 115
		Day 57	2020-07-27 13:02 (29)	80		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-26 14:44 (-6)	26		10 - 36
		Day 29	2020-06-29 12:26 (29)	23		10 - 36
		Day 57	2020-07-27 13:02 (29)	24		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-26 14:44 (-6)	8.0		- 18.8
		Day 29	2020-06-29 12:26 (29)	9.4		- 18.8
		Day 57	2020-07-27 13:02 (29)	8.9		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011007	Creatinine (umol/L)	Screening	2020-05-26 14:44 (-6)	35 (L)		62 - 124
		Day 29	2020-06-29 12:26 (29)	44 (L)		62 - 124
		Day 57	2020-07-27 13:02 (29)	35 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-26 14:44 (-6)	<3.4		0 - 6.8
		Day 29	2020-06-29 12:26 (29)	<3.4		0 - 6.8
		Day 57	2020-07-27 13:02 (29)	3.6		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-26 14:44 (-6)	3.93		1.78 - 7.14
		Day 29	2020-06-29 12:26 (29)	5.35		1.78 - 7.14
		Day 57	2020-07-27 13:02 (29)	5.00		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-26 14:44 (-6)	27.5 (H)		7.8 - 26.7
		Day 29	2020-06-29 12:26 (29)	30.0 (H)		7.8 - 26.7
		Day 57	2020-07-27 13:02 (29)	35.0 (H)		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011011	Alanine Aminotransferase (U/L)	Screening	2020-05-26 15:55 (-3)	17		10 - 33
		Day 29	2020-06-26 09:37 (29)	10		10 - 33
		Day 57	2020-07-24 11:10 (29)	12		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-26 15:55 (-3)	62		30 - 115
		Day 29	2020-06-26 09:37 (29)	54		30 - 115
		Day 57	2020-07-24 11:10 (29)	60		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-26 15:55 (-3)	25		10 - 36
		Day 29	2020-06-26 09:37 (29)	22		10 - 36
		Day 57	2020-07-24 11:10 (29)	25		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-26 15:55 (-3)	8.4		- 18.8
		Day 29	2020-06-26 09:37 (29)	5.8		- 18.8
		Day 57	2020-07-24 11:10 (29)	6.2		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011011	Creatinine (umol/L)	Screening	2020-05-26 15:55 (-3)	62		62 - 124
		Day 29	2020-06-26 09:37 (29)	71		62 - 124
		Day 57	2020-07-24 11:10 (29)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-26 15:55 (-3)	<3.4		0 - 6.8
		Day 29	2020-06-26 09:37 (29)	<3.4		0 - 6.8
		Day 57	2020-07-24 11:10 (29)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-26 15:55 (-3)	3.93		1.78 - 7.14
		Day 29	2020-06-26 09:37 (29)	3.93		1.78 - 7.14
		Day 57	2020-07-24 11:10 (29)	5.00		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-26 15:55 (-3)	15.7		7.8 - 26.7
		Day 29	2020-06-26 09:37 (29)	13.8		7.8 - 26.7
		Day 57	2020-07-24 11:10 (29)	17.5		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011023	Alanine Aminotransferase (U/L)	Screening	2020-05-27 08:42 (-6)	20		10 - 33
		Day 29	2020-07-02 16:00 (31)	20		10 - 33
		Day 57	2020-07-30 16:23 (29)	26		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-27 08:42 (-6)	96		30 - 115
		Day 29	2020-07-02 16:00 (31)	106		30 - 115
		Day 57	2020-07-30 16:23 (29)	103		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-27 08:42 (-6)	18		10 - 36
		Day 29	2020-07-02 16:00 (31)	17		10 - 36
		Day 57	2020-07-30 16:23 (29)	20		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-27 08:42 (-6)	9.6		- 18.8
		Day 29	2020-07-02 16:00 (31)	12.8		- 18.8
		Day 57	2020-07-30 16:23 (29)	25.8 (H)	G1 Bilirubin Increased	- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011023	Creatinine (umol/L)	Screening	2020-05-27 08:42 (-6)	53 (L)		62 - 124
		Day 29	2020-07-02 16:00 (31)	62		62 - 124
		Day 57	2020-07-30 16:23 (29)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-27 08:42 (-6)	<3.4		0 - 6.8
		Day 29	2020-07-02 16:00 (31)	<3.4		0 - 6.8
		Day 57	2020-07-30 16:23 (29)	4.8		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-27 08:42 (-6)	3.57		1.78 - 7.14
		Day 29	2020-07-02 16:00 (31)	5.71		1.78 - 7.14
		Day 57	2020-07-30 16:23 (29)	4.64		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-27 08:42 (-6)	16.7		7.8 - 26.7
		Day 29	2020-07-02 16:00 (31)	22.9		7.8 - 26.7
		Day 57	2020-07-30 16:23 (29)	18.6		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011109	Alanine Aminotransferase (U/L)	Screening	2020-06-11 11:45 (-15)	21		10 - 33
		Day 29	2020-07-24 10:35 (29)	20		10 - 33
		Day 57	2020-08-21 10:46 (29)	23		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-11 11:45 (-15)	45		30 - 115
		Day 29	2020-07-24 10:35 (29)	40		30 - 115
		Day 57	2020-08-21 10:46 (29)	39		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-11 11:45 (-15)	32		10 - 36
		Day 29	2020-07-24 10:35 (29)	31		10 - 36
		Day 57	2020-08-21 10:46 (29)	36		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-11 11:45 (-15)	4.1		- 18.8
		Day 29	2020-07-24 10:35 (29)	3.9		- 18.8
		Day 57	2020-08-21 10:46 (29)	3.6		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011109	Creatinine (umol/L)	Screening	2020-06-11 11:45 (-15)	80		62 - 124
		Day 29	2020-07-24 10:35 (29)	97		62 - 124
		Day 57	2020-08-21 10:46 (29)	97		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-11 11:45 (-15)	<3.4		0 - 6.8
		Day 29	2020-07-24 10:35 (29)	<3.4		0 - 6.8
		Day 57	2020-08-21 10:46 (29)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-11 11:45 (-15)	6.07		1.78 - 7.14
		Day 29	2020-07-24 10:35 (29)	7.50 (H)		1.78 - 7.14
		Day 57	2020-08-21 10:46 (29)	8.57 (H)	G1 Blood Urea Nitrogen Increased	1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-11 11:45 (-15)	18.9		7.8 - 26.7
		Day 29	2020-07-24 10:35 (29)	19.1		7.8 - 26.7
		Day 57	2020-08-21 10:46 (29)	21.8		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011114	Alanine Aminotransferase (U/L)	Screening	2020-06-12 12:11 (-14)	24		10 - 40
		Day 29	2020-07-24 09:56 (29)	20		10 - 40
		Day 57	2020-08-21 10:29 (29)	21		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-12 12:11 (-14)	85		43 - 115
		Day 29	2020-07-24 09:56 (29)	73		43 - 115
		Day 57	2020-08-21 10:29 (29)	84		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-12 12:11 (-14)	26		10 - 43
		Day 29	2020-07-24 09:56 (29)	25		10 - 43
		Day 57	2020-08-21 10:29 (29)	22		10 - 43
	Bilirubin (umol/L)	Screening	2020-06-12 12:11 (-14)	7.5		- 18.8
		Day 29	2020-07-24 09:56 (29)	7.2		- 18.8
		Day 57	2020-08-21 10:29 (29)	4.8		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011114	Creatinine (umol/L)	Screening	2020-06-12 12:11 (-14)	62		62 - 124
		Day 29	2020-07-24 09:56 (29)	62		62 - 124
		Day 57	2020-08-21 10:29 (29)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-12 12:11 (-14)	<3.4		0 - 6.8
		Day 29	2020-07-24 09:56 (29)	<3.4		0 - 6.8
		Day 57	2020-08-21 10:29 (29)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-12 12:11 (-14)	3.21		1.78 - 7.14
		Day 29	2020-07-24 09:56 (29)	2.14		1.78 - 7.14
		Day 57	2020-08-21 10:29 (29)	2.50		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-12 12:11 (-14)	12.9		7.8 - 26.7
		Day 29	2020-07-24 09:56 (29)	8.6		7.8 - 26.7
		Day 57	2020-08-21 10:29 (29)	10.0		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011116	Alanine Aminotransferase (U/L)	Screening	2020-06-12 14:41 (-15)	18		10 - 33
		Day 29	2020-07-27 12:23 (31)	16		10 - 33
		Day 57	2020-08-24 11:45 (29)	18		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-12 14:41 (-15)	101		30 - 115
		Day 29	2020-07-27 12:23 (31)	105		30 - 115
		Day 57	2020-08-24 11:45 (29)	103		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-12 14:41 (-15)	31		10 - 36
		Day 29	2020-07-27 12:23 (31)	27		10 - 36
		Day 57	2020-08-24 11:45 (29)	30		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-12 14:41 (-15)	6.2		- 18.8
		Day 29	2020-07-27 12:23 (31)	6.5		- 18.8
		Day 57	2020-08-24 11:45 (29)	5.3		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011116	Creatinine (umol/L)	Screening	2020-06-12 14:41 (-15)	44 (L)		62 - 124
		Day 29	2020-07-27 12:23 (31)	44 (L)		62 - 124
		Day 57	2020-08-24 11:45 (29)	44 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-12 14:41 (-15)	<3.4		0 - 6.8
		Day 29	2020-07-27 12:23 (31)	<3.4		0 - 6.8
		Day 57	2020-08-24 11:45 (29)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-12 14:41 (-15)	2.86		1.78 - 7.14
		Day 29	2020-07-27 12:23 (31)	2.14		1.78 - 7.14
		Day 57	2020-08-24 11:45 (29)	2.14		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-12 14:41 (-15)	16.0		7.8 - 26.7
		Day 29	2020-07-27 12:23 (31)	12.0		7.8 - 26.7
		Day 57	2020-08-24 11:45 (29)	12.0		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011120	Alanine Aminotransferase (U/L)	Screening	2020-06-15 11:33 (-12)	16		10 - 33
		Day 29	2020-07-27 11:16 (31)	15		10 - 33
		Day 57	2020-08-24 16:56 (29)	15		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-15 11:33 (-12)	47		30 - 115
		Day 29	2020-07-27 11:16 (31)	48		30 - 115
		Day 57	2020-08-24 16:56 (29)	43		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-15 11:33 (-12)	19		10 - 36
		Day 29	2020-07-27 11:16 (31)	15		10 - 36
		Day 57	2020-08-24 16:56 (29)	16		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-15 11:33 (-12)	4.4		- 18.8
		Day 29	2020-07-27 11:16 (31)	4.3		- 18.8
		Day 57	2020-08-24 16:56 (29)	<2.6		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011120	Creatinine (umol/L)	Screening	2020-06-15 11:33 (-12)	53 (L)		62 - 124
		Day 29	2020-07-27 11:16 (31)	53 (L)		62 - 124
		Day 57	2020-08-24 16:56 (29)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-15 11:33 (-12)	<3.4		0 - 6.8
		Day 29	2020-07-27 11:16 (31)	<3.4		0 - 6.8
		Day 57	2020-08-24 16:56 (29)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-15 11:33 (-12)	4.64		1.78 - 7.14
		Day 29	2020-07-27 11:16 (31)	4.64		1.78 - 7.14
		Day 57	2020-08-24 16:56 (29)	6.78		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-15 11:33 (-12)	21.7		7.8 - 26.7
		Day 29	2020-07-27 11:16 (31)	21.7		7.8 - 26.7
		Day 57	2020-08-24 16:56 (29)	31.7 (H)		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011124	Alanine Aminotransferase (U/L)	Screening	2020-06-17 13:13 (-9)	14		10 - 33
		Day 29	2020-07-24 08:10 (29)	13		10 - 33
		Day 57	2020-08-21 08:49 (29)	15		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-17 13:13 (-9)	97		30 - 115
		Day 29	2020-07-24 08:10 (29)	98		30 - 115
		Day 57	2020-08-21 08:49 (29)	104		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-17 13:13 (-9)	17		10 - 36
		Day 29	2020-07-24 08:10 (29)	15		10 - 36
		Day 57	2020-08-21 08:49 (29)	15		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-17 13:13 (-9)	4.1		- 18.8
		Day 29	2020-07-24 08:10 (29)	3.4		- 18.8
		Day 57	2020-08-21 08:49 (29)	2.7		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011124	Creatinine (umol/L)	Screening	2020-06-17 13:13 (-9)	44 (L)		62 - 124
		Day 29	2020-07-24 08:10 (29)	53 (L)		62 - 124
		Day 57	2020-08-21 08:49 (29)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-17 13:13 (-9)	<3.4		0 - 6.8
		Day 29	2020-07-24 08:10 (29)	<3.4		0 - 6.8
		Day 57	2020-08-21 08:49 (29)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-17 13:13 (-9)	4.64		1.78 - 7.14
		Day 29	2020-07-24 08:10 (29)	6.43		1.78 - 7.14
		Day 57	2020-08-21 08:49 (29)	5.35		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-17 13:13 (-9)	26.0		7.8 - 26.7
		Day 29	2020-07-24 08:10 (29)	30.0 (H)		7.8 - 26.7
		Day 57	2020-08-21 08:49 (29)	25.0		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011126	Alanine Aminotransferase (U/L)	Screening	2020-06-18 08:28 (-8)	31		10 - 33
		Day 29	2020-07-24 08:40 (29)	28		10 - 33
		Day 57	2020-08-21 09:04 (29)	22		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-18 08:28 (-8)	50		30 - 115
		Day 29	2020-07-24 08:40 (29)	53		30 - 115
		Day 57	2020-08-21 09:04 (29)	53		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-18 08:28 (-8)	27		10 - 36
		Day 29	2020-07-24 08:40 (29)	23		10 - 36
		Day 57	2020-08-21 09:04 (29)	22		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-18 08:28 (-8)	8.0		- 18.8
		Day 29	2020-07-24 08:40 (29)	7.2		- 18.8
		Day 57	2020-08-21 09:04 (29)	5.5		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011126	Creatinine (umol/L)	Screening	2020-06-18 08:28 (-8)	62		62 - 124
		Day 29	2020-07-24 08:40 (29)	62		62 - 124
		Day 57	2020-08-21 09:04 (29)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-18 08:28 (-8)	<3.4		0 - 6.8
		Day 29	2020-07-24 08:40 (29)	<3.4		0 - 6.8
		Day 57	2020-08-21 09:04 (29)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-18 08:28 (-8)	7.50 (H)		1.78 - 7.14
		Day 29	2020-07-24 08:40 (29)	7.14		1.78 - 7.14
		Day 57	2020-08-21 09:04 (29)	9.28 (H)	G1 Blood Urea Nitrogen Increased	1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-18 08:28 (-8)	30.0 (H)		7.8 - 26.7
		Day 29	2020-07-24 08:40 (29)	28.6 (H)		7.8 - 26.7
		Day 57	2020-08-21 09:04 (29)	43.3 (H)		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011130	Alanine Aminotransferase (U/L)	Screening	2020-06-18 14:07 (-8)	21		10 - 40
		Day 29	2020-07-24 13:25 (29)	23		10 - 40
		Day 57	2020-08-21 15:18 (29)	24		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-18 14:07 (-8)	70		43 - 115
		Day 29	2020-07-24 13:25 (29)	77		43 - 115
		Day 57	2020-08-21 15:18 (29)	76		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-18 14:07 (-8)	27		10 - 43
		Day 29	2020-07-24 13:25 (29)	30		10 - 43
		Day 57	2020-08-21 15:18 (29)	27		10 - 43
	Bilirubin (umol/L)	Screening	2020-06-18 14:07 (-8)	6.7		- 18.8
		Day 29	2020-07-24 13:25 (29)	6.8		- 18.8
		Day 57	2020-08-21 15:18 (29)	5.1		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011130	Creatinine (umol/L)	Screening	2020-06-18 14:07 (-8)	80		62 - 124
		Day 29	2020-07-24 13:25 (29)	88		62 - 124
		Day 57	2020-08-21 15:18 (29)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-18 14:07 (-8)	<3.4		0 - 6.8
		Day 29	2020-07-24 13:25 (29)	<3.4		0 - 6.8
		Day 57	2020-08-21 15:18 (29)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-18 14:07 (-8)	4.64		1.78 - 7.14
		Day 29	2020-07-24 13:25 (29)	4.64		1.78 - 7.14
		Day 57	2020-08-21 15:18 (29)	7.14		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-18 14:07 (-8)	14.4		7.8 - 26.7
		Day 29	2020-07-24 13:25 (29)	13.0		7.8 - 26.7
		Day 57	2020-08-21 15:18 (29)	25.0		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011131	Alanine Aminotransferase (U/L)	Screening	2020-06-18 15:13 (-8)	24		10 - 33
		Day 29	2020-07-24 14:15 (29)	55 (H)	G1 Alanine Aminotransferase Increased	10 - 33
		Day 57	2020-08-21 17:05 (29)	80 (H)	G1 Alanine Aminotransferase Increased	10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-18 15:13 (-8)	53		30 - 115
		Day 29	2020-07-24 14:15 (29)	51		30 - 115
		Day 57	2020-08-21 17:05 (29)	50		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-18 15:13 (-8)	25		10 - 36
		Day 29	2020-07-24 14:15 (29)	48 (H)	G1 Aspartate Aminotransferase Increased	10 - 36
		Day 57	2020-08-21 17:05 (29)	55 (H)	G1 Aspartate Aminotransferase Increased	10 - 36
	Bilirubin (umol/L)	Screening	2020-06-18 15:13 (-8)	7.4		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011131	Bilirubin (umol/L)	Day 29	2020-07-24 14:15 (29)	8.0		- 18.8
		Day 57	2020-08-21 17:05 (29)	8.4		- 18.8
	Creatinine (umol/L)	Screening	2020-06-18 15:13 (-8)	53 (L)		62 - 124
		Day 29	2020-07-24 14:15 (29)	62		62 - 124
		Day 57	2020-08-21 17:05 (29)	44 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-18 15:13 (-8)	<3.4		0 - 6.8
		Day 29	2020-07-24 14:15 (29)	<3.4		0 - 6.8
		Day 57	2020-08-21 17:05 (29)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-18 15:13 (-8)	3.57		1.78 - 7.14
		Day 29	2020-07-24 14:15 (29)	4.64		1.78 - 7.14
		Day 57	2020-08-21 17:05 (29)	5.00		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-18 15:13 (-8)	16.7		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011131	Urea Nitrogen/Creatinine	Day 29	2020-07-24 14:15 (29)	18.6		7.8 - 26.7
		Day 57	2020-08-21 17:05 (29)	28.0 (H)		7.8 - 26.7
US2011142	Alanine Aminotransferase (U/L)	Screening	2020-06-22 15:49 (-7)	19		10 - 40
		Day 29	2020-07-27 14:19 (29)	22		10 - 40
		Day 57	2020-08-26 08:08 (31)	28		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-22 15:49 (-7)	77		43 - 115
		Day 29	2020-07-27 14:19 (29)	85		43 - 115
		Day 57	2020-08-26 08:08 (31)	77		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-22 15:49 (-7)	24		10 - 43
		Day 29	2020-07-27 14:19 (29)	21		10 - 43
		Day 57	2020-08-26 08:08 (31)	26		10 - 43
	Bilirubin (umol/L)	Screening	2020-06-22 15:49 (-7)	6.7		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011142	Bilirubin (umol/L)	Day 29	2020-07-27 14:19 (29)	6.3		- 18.8
		Day 57	2020-08-26 08:08 (31)	8.9		- 18.8
	Creatinine (umol/L)	Screening	2020-06-22 15:49 (-7)	88		62 - 124
		Day 29	2020-07-27 14:19 (29)	88		62 - 124
		Day 57	2020-08-26 08:08 (31)	88		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-22 15:49 (-7)	<3.4		0 - 6.8
		Day 29	2020-07-27 14:19 (29)	<3.4		0 - 6.8
		Day 57	2020-08-26 08:08 (31)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-22 15:49 (-7)	7.85 (H)		1.78 - 7.14
		Day 29	2020-07-27 14:19 (29)	7.14		1.78 - 7.14
		Day 57	2020-08-26 08:08 (31)	6.78		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-22 15:49 (-7)	22.0		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011142	Urea Nitrogen/Creatinine	Day 29	2020-07-27 14:19 (29)	20.0		7.8 - 26.7
		Day 57	2020-08-26 08:08 (31)	19.0		7.8 - 26.7
US2011145	Alanine Aminotransferase (U/L)	Screening	2020-06-23 14:18 (-3)	14		10 - 33
		Day 29	2020-07-24 10:50 (29)	11		10 - 33
		Day 57	2020-08-20 11:50 (28)	17		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-23 14:18 (-3)	101		30 - 115
		Day 29	2020-07-24 10:50 (29)	107		30 - 115
		Day 57	2020-08-20 11:50 (28)	106		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-23 14:18 (-3)	24		10 - 36
		Day 29	2020-07-24 10:50 (29)	24		10 - 36
		Day 57	2020-08-20 11:50 (28)	22		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-23 14:18 (-3)	12.3		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011145	Bilirubin (umol/L)	Day 29	2020-07-24 10:50 (29)	6.7		- 18.8
		Day 57	2020-08-20 11:50 (28)	7.7		- 18.8
	Creatinine (umol/L)	Screening	2020-06-23 14:18 (-3)	62		62 - 124
		Day 29	2020-07-24 10:50 (29)	62		62 - 124
		Day 57	2020-08-20 11:50 (28)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-23 14:18 (-3)	<3.4		0 - 6.8
		Day 29	2020-07-24 10:50 (29)	<3.4		0 - 6.8
		Day 57	2020-08-20 11:50 (28)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-23 14:18 (-3)	5.00		1.78 - 7.14
		Day 29	2020-07-24 10:50 (29)	5.71		1.78 - 7.14
		Day 57	2020-08-20 11:50 (28)	5.00		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-23 14:18 (-3)	20.0		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011145	Urea Nitrogen/Creatinine	Day 29	2020-07-24 10:50 (29)	22.9		7.8 - 26.7
		Day 57	2020-08-20 11:50 (28)	17.5		7.8 - 26.7
US2011152	Alanine Aminotransferase (U/L)	Screening	2020-06-25 12:32 (-4)	14		10 - 33
		Day 29	2020-07-27 11:00 (29)	12		10 - 33
		Day 57	2020-08-31 10:20 (36)	12		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-25 12:32 (-4)	77		30 - 115
		Day 29	2020-07-27 11:00 (29)	74		30 - 115
		Day 57	2020-08-31 10:20 (36)	68		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-25 12:32 (-4)	21		10 - 36
		Day 29	2020-07-27 11:00 (29)	14		10 - 36
		Day 57	2020-08-31 10:20 (36)	15		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-25 12:32 (-4)	7.7		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011152	Bilirubin (umol/L)	Day 29	2020-07-27 11:00 (29)	7.9		- 18.8
		Day 57	2020-08-31 10:20 (36)	6.5		- 18.8
	Creatinine (umol/L)	Screening	2020-06-25 12:32 (-4)	62		62 - 124
		Day 29	2020-07-27 11:00 (29)	44 (L)		62 - 124
		Day 57	2020-08-31 10:20 (36)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-25 12:32 (-4)	<3.4		0 - 6.8
		Day 29	2020-07-27 11:00 (29)	<3.4		0 - 6.8
		Day 57	2020-08-31 10:20 (36)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-25 12:32 (-4)	5.35		1.78 - 7.14
		Day 29	2020-07-27 11:00 (29)	7.14		1.78 - 7.14
		Day 57	2020-08-31 10:20 (36)	9.28 (H)	G1 Blood Urea Nitrogen Increased	1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-25 12:32 (-4)	21.4		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011152	Urea Nitrogen/Creatinine	Day 29	2020-07-27 11:00 (29)	40.0 (H)		7.8 - 26.7
		Day 57	2020-08-31 10:20 (36)	37.1 (H)		7.8 - 26.7
US2011155	Alanine Aminotransferase (U/L)	Screening	2020-06-25 14:47 (-5)	15		10 - 33
		Day 29	2020-07-28 13:46 (29)	15		10 - 33
		Day 57	2020-08-26 11:35 (30)	17		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-25 14:47 (-5)	29 (L)		30 - 115
		Day 29	2020-07-28 13:46 (29)	30		30 - 115
		Day 57	2020-08-26 11:35 (30)	29 (L)		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-25 14:47 (-5)	25		10 - 36
		Day 29	2020-07-28 13:46 (29)	23		10 - 36
		Day 57	2020-08-26 11:35 (30)	20		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-25 14:47 (-5)	9.9		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011155	Bilirubin (umol/L)	Day 29	2020-07-28 13:46 (29)	8.2		- 18.8
		Day 57	2020-08-26 11:35 (30)	10.8		- 18.8
	Creatinine (umol/L)	Screening	2020-06-25 14:47 (-5)	62		62 - 124
		Day 29	2020-07-28 13:46 (29)	62		62 - 124
		Day 57	2020-08-26 11:35 (30)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-25 14:47 (-5)	<3.4		0 - 6.8
		Day 29	2020-07-28 13:46 (29)	<3.4		0 - 6.8
		Day 57	2020-08-26 11:35 (30)	3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-25 14:47 (-5)	6.78		1.78 - 7.14
		Day 29	2020-07-28 13:46 (29)	5.71		1.78 - 7.14
		Day 57	2020-08-26 11:35 (30)	9.64 (H)	G2 Blood Urea Nitrogen Increased	1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-25 14:47 (-5)	27.1 (H)		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011155	Urea Nitrogen/Creatinine	Day 29	2020-07-28 13:46 (29)	22.9		7.8 - 26.7
		Day 57	2020-08-26 11:35 (30)	38.6 (H)		7.8 - 26.7
US2011156	Alanine Aminotransferase (U/L)	Screening	2020-06-25 15:29 (-5)	23		10 - 33
		Day 29	2020-07-28 09:10 (29)	15		10 - 33
		Day 57	2020-08-26 07:55 (30)	16		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-25 15:29 (-5)	79		30 - 115
		Day 29	2020-07-28 09:10 (29)	71		30 - 115
		Day 57	2020-08-26 07:55 (30)	73		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-25 15:29 (-5)	22		10 - 36
		Day 29	2020-07-28 09:10 (29)	20		10 - 36
		Day 57	2020-08-26 07:55 (30)	18		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-25 15:29 (-5)	13.5		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011156	Bilirubin (umol/L)	Day 29	2020-07-28 09:10 (29)	13.7		- 18.8
		Day 57	2020-08-26 07:55 (30)	13.2		- 18.8
	Creatinine (umol/L)	Screening	2020-06-25 15:29 (-5)	71		62 - 124
		Day 29	2020-07-28 09:10 (29)	62		62 - 124
		Day 57	2020-08-26 07:55 (30)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-25 15:29 (-5)	<3.4		0 - 6.8
		Day 29	2020-07-28 09:10 (29)	<3.4		0 - 6.8
		Day 57	2020-08-26 07:55 (30)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-25 15:29 (-5)	7.50 (H)		1.78 - 7.14
		Day 29	2020-07-28 09:10 (29)	8.21 (H)	G1 Blood Urea Nitrogen Increased	1.78 - 7.14
		Day 57	2020-08-26 07:55 (30)	8.57 (H)	G1 Blood Urea Nitrogen Increased	1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011156	Urea Nitrogen/Creatinine	Screening	2020-06-25 15:29 (-5)	26.2		7.8 - 26.7
		Day 29	2020-07-28 09:10 (29)	32.9 (H)		7.8 - 26.7
		Day 57	2020-08-26 07:55 (30)	34.3 (H)		7.8 - 26.7
US2011157	Alanine Aminotransferase (U/L)	Screening	2020-06-25 16:12 (-5)	14		10 - 33
		Day 29	2020-07-28 17:20 (29)	16		10 - 33
		Day 57	2020-08-27 08:22 (31)	14		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-25 16:12 (-5)	60		30 - 115
		Day 29	2020-07-28 17:20 (29)	57		30 - 115
		Day 57	2020-08-27 08:22 (31)	60		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-25 16:12 (-5)	23		10 - 36
		Day 29	2020-07-28 17:20 (29)	20		10 - 36
		Day 57	2020-08-27 08:22 (31)	19		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011157	Bilirubin (umol/L)	Screening	2020-06-25 16:12 (-5)	6.0		- 18.8
		Day 29	2020-07-28 17:20 (29)	3.1		- 18.8
		Day 57	2020-08-27 08:22 (31)	6.0		- 18.8
	Creatinine (umol/L)	Screening	2020-06-25 16:12 (-5)	53 (L)		62 - 124
		Day 29	2020-07-28 17:20 (29)	53 (L)		62 - 124
		Day 57	2020-08-27 08:22 (31)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-25 16:12 (-5)	<3.4		0 - 6.8
		Day 29	2020-07-28 17:20 (29)	<3.4		0 - 6.8
		Day 57	2020-08-27 08:22 (31)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-25 16:12 (-5)	3.21		1.78 - 7.14
		Day 29	2020-07-28 17:20 (29)	4.64		1.78 - 7.14
		Day 57	2020-08-27 08:22 (31)	3.21		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011157	Urea Nitrogen/Creatinine	Screening	2020-06-25 16:12 (-5)	15.0		7.8 - 26.7
		Day 29	2020-07-28 17:20 (29)	21.7		7.8 - 26.7
		Day 57	2020-08-27 08:22 (31)	15.0		7.8 - 26.7
US2021015	Alanine Aminotransferase (U/L)	Screening	2020-05-26 13:30 (-3)	22		10 - 33
		Day 29	2020-06-26 09:04 (29)	28		10 - 33
		Day 57	2020-07-23 09:27 (28)	30		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-26 13:30 (-3)	38		30 - 115
		Day 29	2020-06-26 09:04 (29)	39		30 - 115
		Day 57	2020-07-23 09:27 (28)	39		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-26 13:30 (-3)	26		10 - 36
		Day 29	2020-06-26 09:04 (29)	32		10 - 36
		Day 57	2020-07-23 09:27 (28)	28		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021015	Bilirubin (umol/L)	Screening	2020-05-26 13:30 (-3)	9.9		- 18.8
		Day 29	2020-06-26 09:04 (29)	7.7		- 18.8
		Day 57	2020-07-23 09:27 (28)	9.2		- 18.8
	Creatinine (umol/L)	Screening	2020-05-26 13:30 (-3)	71		62 - 124
		Day 29	2020-06-26 09:04 (29)	80		62 - 124
		Day 57	2020-07-23 09:27 (28)	80		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-26 13:30 (-3)	<3.4		0 - 6.8
		Day 29	2020-06-26 09:04 (29)	<3.4		0 - 6.8
		Day 57	2020-07-23 09:27 (28)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-05-26 13:30 (-3)	87.2 (H)		1.7 - 21.5
	Urea Nitrogen (mmol/L)	Screening	2020-05-26 13:30 (-3)	5.35		1.78 - 7.14
		Day 29	2020-06-26 09:04 (29)	6.07		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021015	Urea Nitrogen (mmol/L)	Day 57	2020-07-23 09:27 (28)	6.07		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-26 13:30 (-3)	18.8		7.8 - 26.7
		Day 29	2020-06-26 09:04 (29)	18.9		7.8 - 26.7
		Day 57	2020-07-23 09:27 (28)	18.9		7.8 - 26.7
US2021021	Alanine Aminotransferase (U/L)	Screening	2020-05-26 14:58 (-3)	24		10 - 40
		Day 29	2020-06-26 09:18 (29)	16		10 - 40
		Day 57	2020-07-22 09:35 (27)	16		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-05-26 14:58 (-3)	46		43 - 115
		Day 29	2020-06-26 09:18 (29)	48		43 - 115
		Day 57	2020-07-22 09:35 (27)	48		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-26 14:58 (-3)	31		10 - 43
		Day 29	2020-06-26 09:18 (29)	24		10 - 43

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021021	Aspartate Aminotransferase (U/L)	Day 57	2020-07-22 09:35 (27)	27		10 - 43
	Bilirubin (umol/L)	Screening	2020-05-26 14:58 (-3)	9.7		- 18.8
		Day 29	2020-06-26 09:18 (29)	8.0		- 18.8
		Day 57	2020-07-22 09:35 (27)	7.9		- 18.8
	Creatinine (umol/L)	Screening	2020-05-26 14:58 (-3)	71		62 - 124
		Day 29	2020-06-26 09:18 (29)	80		62 - 124
		Day 57	2020-07-22 09:35 (27)	80		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-26 14:58 (-3)	<3.4		0 - 6.8
		Day 29	2020-06-26 09:18 (29)	<3.4		0 - 6.8
		Day 57	2020-07-22 09:35 (27)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-26 14:58 (-3)	3.93		1.78 - 7.14
		Day 29	2020-06-26 09:18 (29)	3.57		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021021	Urea Nitrogen (mmol/L)	Day 57	2020-07-22 09:35 (27)	5.00		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-26 14:58 (-3)	13.8		7.8 - 26.7
		Day 29	2020-06-26 09:18 (29)	11.1		7.8 - 26.7
		Day 57	2020-07-22 09:35 (27)	15.6		7.8 - 26.7
US2021022	Alanine Aminotransferase (U/L)	Screening	2020-05-26 15:33 (-6)	20		10 - 33
		Day 29	2020-07-06 11:42 (36)	18		10 - 33
		Day 57	2020-08-04 12:00 (30)	19		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-26 15:33 (-6)	62		30 - 115
		Day 29	2020-07-06 11:42 (36)	55		30 - 115
		Day 57	2020-08-04 12:00 (30)	58		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-26 15:33 (-6)	21		10 - 36
		Day 29	2020-07-06 11:42 (36)	18		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021022	Aspartate Aminotransferase (U/L)	Day 57	2020-08-04 12:00 (30)	22		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-26 15:33 (-6)	9.1		- 18.8
		Day 29	2020-07-06 11:42 (36)	3.1		- 18.8
		Day 57	2020-08-04 12:00 (30)	6.3		- 18.8
	Creatinine (umol/L)	Screening	2020-05-26 15:33 (-6)	53 (L)		62 - 124
		Day 29	2020-07-06 11:42 (36)	53 (L)		62 - 124
		Day 57	2020-08-04 12:00 (30)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-26 15:33 (-6)	3.4		0 - 6.8
		Day 29	2020-07-06 11:42 (36)	<3.4		0 - 6.8
		Day 57	2020-08-04 12:00 (30)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-05-26 15:33 (-6)	64.7 (H)		1.7 - 21.5
	Urea Nitrogen (mmol/L)	Screening	2020-05-26 15:33 (-6)	4.28		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021022	Urea Nitrogen (mmol/L)	Day 29	2020-07-06 11:42 (36)	6.78		1.78 - 7.14
		Day 57	2020-08-04 12:00 (30)	7.14		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-26 15:33 (-6)	20.0		7.8 - 26.7
		Day 29	2020-07-06 11:42 (36)	31.7 (H)		7.8 - 26.7
		Day 57	2020-08-04 12:00 (30)	28.6 (H)		7.8 - 26.7
US2021043	Alanine Aminotransferase (U/L)	Screening	2020-05-27 10:02 (-5)	39		10 - 40
		Day 29	2020-07-02 10:32 (32)	23		10 - 40
		Day 57	2020-07-29 10:28 (28)	28		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-05-27 10:02 (-5)	61		43 - 115
		Day 29	2020-07-02 10:32 (32)	57		43 - 115
		Day 57	2020-07-29 10:28 (28)	57		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-27 10:02 (-5)	30		10 - 43

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021043	Aspartate Aminotransferase (U/L)	Day 29	2020-07-02 10:32 (32)	19		10 - 43
		Day 57	2020-07-29 10:28 (28)	20		10 - 43
	Bilirubin (umol/L)	Screening	2020-05-27 10:02 (-5)	9.2		- 18.8
		Day 29	2020-07-02 10:32 (32)	12.5		- 18.8
		Day 57	2020-07-29 10:28 (28)	11.5		- 18.8
	Creatinine (umol/L)	Screening	2020-05-27 10:02 (-5)	71		62 - 124
		Day 29	2020-07-02 10:32 (32)	80		62 - 124
		Day 57	2020-07-29 10:28 (28)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-27 10:02 (-5)	<3.4		0 - 6.8
		Day 29	2020-07-02 10:32 (32)	<3.4		0 - 6.8
		Day 57	2020-07-29 10:28 (28)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-27 10:02 (-5)	4.28		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021043	Urea Nitrogen (mmol/L)	Day 29	2020-07-02 10:32 (32)	5.00		1.78 - 7.14
		Day 57	2020-07-29 10:28 (28)	4.64		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-27 10:02 (-5)	15.0		7.8 - 26.7
		Day 29	2020-07-02 10:32 (32)	15.6		7.8 - 26.7
		Day 57	2020-07-29 10:28 (28)	16.2		7.8 - 26.7
US2021130	Alanine Aminotransferase (U/L)	Screening	2020-06-01 10:54 (-25)	16		10 - 33
		Day 29	2020-07-29 11:17 (34)	14		10 - 33
		Day 57	2020-08-27 10:28 (30)	13		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-01 10:54 (-25)	87		30 - 115
		Day 29	2020-07-29 11:17 (34)	86		30 - 115
		Day 57	2020-08-27 10:28 (30)	74		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-01 10:54 (-25)	21		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021130	Aspartate Aminotransferase (U/L)	Day 29	2020-07-29 11:17 (34)	19		10 - 36
		Day 57	2020-08-27 10:28 (30)	17		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-01 10:54 (-25)	5.1		- 18.8
		Day 29	2020-07-29 11:17 (34)	4.4		- 18.8
		Day 57	2020-08-27 10:28 (30)	5.3		- 18.8
	Creatinine (umol/L)	Screening	2020-06-01 10:54 (-25)	71		62 - 124
		Day 29	2020-07-29 11:17 (34)	80		62 - 124
		Day 57	2020-08-27 10:28 (30)	80		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-01 10:54 (-25)	<3.4		0 - 6.8
		Day 29	2020-07-29 11:17 (34)	<3.4		0 - 6.8
		Day 57	2020-08-27 10:28 (30)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-01 10:54 (-25)	72.5 (H)		1.7 - 21.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021130	Urea Nitrogen (mmol/L)	Screening	2020-06-01 10:54 (-25)	4.64		1.78 - 7.14
		Day 29	2020-07-29 11:17 (34)	6.07		1.78 - 7.14
		Day 57	2020-08-27 10:28 (30)	4.64		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-01 10:54 (-25)	16.2		7.8 - 26.7
		Day 29	2020-07-29 11:17 (34)	18.9		7.8 - 26.7
		Day 57	2020-08-27 10:28 (30)	14.4		7.8 - 26.7
US2021185	Alanine Aminotransferase (U/L)	Screening	2020-06-10 10:34 (-16)	18		10 - 33
		Day 57	2020-08-25 09:45 (26)	14		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-10 10:34 (-16)	75		30 - 115
		Day 57	2020-08-25 09:45 (26)	79		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-10 10:34 (-16)	16		10 - 36
		Day 57	2020-08-25 09:45 (26)	13		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021185	Bilirubin (umol/L)	Screening	2020-06-10 10:34 (-16)	14.5		- 18.8
		Day 57	2020-08-25 09:45 (26)	17.1		- 18.8
	Creatinine (umol/L)	Screening	2020-06-10 10:34 (-16)	71		62 - 124
		Day 57	2020-08-25 09:45 (26)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-10 10:34 (-16)	<3.4		0 - 6.8
		Day 57	2020-08-25 09:45 (26)	4.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-10 10:34 (-16)	80.8 (H)		1.7 - 21.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-10 10:34 (-16)	5.35		1.78 - 7.14
		Day 57	2020-08-25 09:45 (26)	5.00		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-10 10:34 (-16)	18.8		7.8 - 26.7
		Day 57	2020-08-25 09:45 (26)	17.5		7.8 - 26.7
US2021189	Alanine Aminotransferase (U/L)	Screening	2020-06-11 12:16 (-15)	25		10 - 33

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021189	Alanine Aminotransferase (U/L)	Day 29	2020-07-27 11:51 (32)	21		10 - 33
		Day 57	2020-08-24 11:37 (29)	21		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-11 12:16 (-15)	62		30 - 115
		Day 29	2020-07-27 11:51 (32)	46		30 - 115
		Day 57	2020-08-24 11:37 (29)	49		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-11 12:16 (-15)	26		10 - 36
		Day 29	2020-07-27 11:51 (32)	22		10 - 36
		Day 57	2020-08-24 11:37 (29)	24		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-11 12:16 (-15)	8.7		- 18.8
		Day 29	2020-07-27 11:51 (32)	7.7		- 18.8
		Day 57	2020-08-24 11:37 (29)	6.8		- 18.8
	Creatinine (umol/L)	Screening	2020-06-11 12:16 (-15)	53 (L)		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021189	Creatinine (umol/L)	Day 29	2020-07-27 11:51 (32)	62		62 - 124
		Day 57	2020-08-24 11:37 (29)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-11 12:16 (-15)	<3.4		0 - 6.8
		Day 29	2020-07-27 11:51 (32)	<3.4		0 - 6.8
		Day 57	2020-08-24 11:37 (29)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-11 12:16 (-15)	133.4 (H)		1.7 - 21.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-11 12:16 (-15)	5.35		1.78 - 7.14
		Day 29	2020-07-27 11:51 (32)	5.00		1.78 - 7.14
		Day 57	2020-08-24 11:37 (29)	4.64		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-11 12:16 (-15)	25.0		7.8 - 26.7
		Day 29	2020-07-27 11:51 (32)	20.0		7.8 - 26.7
		Day 57	2020-08-24 11:37 (29)	21.7		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021196	Alanine Aminotransferase (U/L)	Screening	2020-06-12 13:15 (-20)	19		10 - 33
		Day 29	2020-08-03 13:41 (33)	28		10 - 33
		Day 57	2020-08-31 13:45 (29)	17		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-12 13:15 (-20)	69		30 - 115
		Day 29	2020-08-03 13:41 (33)	65		30 - 115
		Day 57	2020-08-31 13:45 (29)	64		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-12 13:15 (-20)	20		10 - 36
		Day 29	2020-08-03 13:41 (33)	21		10 - 36
		Day 57	2020-08-31 13:45 (29)	16		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-12 13:15 (-20)	5.1		- 18.8
		Day 29	2020-08-03 13:41 (33)	4.4		- 18.8
		Day 57	2020-08-31 13:45 (29)	6.3		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021196	Creatinine (umol/L)	Screening	2020-06-12 13:15 (-20)	62		62 - 124
		Day 29	2020-08-03 13:41 (33)	71		62 - 124
		Day 57	2020-08-31 13:45 (29)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-12 13:15 (-20)	<3.4		0 - 6.8
		Day 29	2020-08-03 13:41 (33)	<3.4		0 - 6.8
		Day 57	2020-08-31 13:45 (29)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-12 13:15 (-20)	59.9 (H)		1.7 - 21.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-12 13:15 (-20)	6.07		1.78 - 7.14
		Day 29	2020-08-03 13:41 (33)	5.71		1.78 - 7.14
		Day 57	2020-08-31 13:45 (29)	5.71		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-12 13:15 (-20)	24.3		7.8 - 26.7
		Day 29	2020-08-03 13:41 (33)	20.0		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021196	Urea Nitrogen/Creatinine	Day 57	2020-08-31 13:45 (29)	20.0		7.8 - 26.7
US2021198	Alanine Aminotransferase (U/L)	Screening	2020-06-15 12:06 (-14)	19		10 - 33
		Day 29	2020-08-04 10:18 (37)	15		10 - 33
		Day 57	2020-09-01 10:39 (29)	21		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-15 12:06 (-14)	62		30 - 115
		Day 29	2020-08-04 10:18 (37)	51		30 - 115
		Day 57	2020-09-01 10:39 (29)	58		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-15 12:06 (-14)	22		10 - 36
		Day 29	2020-08-04 10:18 (37)	21		10 - 36
		Day 57	2020-09-01 10:39 (29)	20		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-15 12:06 (-14)	13.0		- 18.8
		Day 29	2020-08-04 10:18 (37)	10.4		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021198	Bilirubin (umol/L)	Day 57	2020-09-01 10:39 (29)	12.5		- 18.8
	Creatinine (umol/L)	Screening	2020-06-15 12:06 (-14)	44 (L)		62 - 124
		Day 29	2020-08-04 10:18 (37)	35 (L)		62 - 124
		Day 57	2020-09-01 10:39 (29)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-15 12:06 (-14)	<3.4		0 - 6.8
		Day 29	2020-08-04 10:18 (37)	<3.4		0 - 6.8
		Day 57	2020-09-01 10:39 (29)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-15 12:06 (-14)	60.3 (H)		1.7 - 21.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-15 12:06 (-14)	5.00		1.78 - 7.14
		Day 29	2020-08-04 10:18 (37)	4.64		1.78 - 7.14
		Day 57	2020-09-01 10:39 (29)	5.71		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-15 12:06 (-14)	28.0 (H)		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021198	Urea Nitrogen/Creatinine	Day 29	2020-08-04 10:18 (37)	32.5 (H)		7.8 - 26.7
		Day 57	2020-09-01 10:39 (29)	26.7		7.8 - 26.7
US2021206	Alanine Aminotransferase (U/L)	Screening	2020-06-17 11:59 (-15)	33		10 - 33
		Day 29	2020-08-04 10:36 (34)	33		10 - 33
		Day 57	2020-09-08 10:59 (36)	23		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-17 11:59 (-15)	89		30 - 115
		Day 29	2020-08-04 10:36 (34)	86		30 - 115
		Day 57	2020-09-08 10:59 (36)	79		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-17 11:59 (-15)	30		10 - 36
		Day 29	2020-08-04 10:36 (34)	21		10 - 36
		Day 57	2020-09-08 10:59 (36)	15		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-17 11:59 (-15)	7.4		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021206	Bilirubin (umol/L)	Day 29	2020-08-04 10:36 (34)	6.2		- 18.8
		Day 57	2020-09-08 10:59 (36)	7.4		- 18.8
	Creatinine (umol/L)	Screening	2020-06-17 11:59 (-15)	53 (L)		62 - 124
		Day 29	2020-08-04 10:36 (34)	44 (L)		62 - 124
		Day 57	2020-09-08 10:59 (36)	44 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-17 11:59 (-15)	<3.4		0 - 6.8
		Day 29	2020-08-04 10:36 (34)	<3.4		0 - 6.8
		Day 57	2020-09-08 10:59 (36)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-17 11:59 (-15)	79.6 (H)		1.7 - 21.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-17 11:59 (-15)	6.43		1.78 - 7.14
		Day 29	2020-08-04 10:36 (34)	6.43		1.78 - 7.14
		Day 57	2020-09-08 10:59 (36)	5.71		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021206	Urea Nitrogen/Creatinine	Screening	2020-06-17 11:59 (-15)	30.0 (H)		7.8 - 26.7
		Day 29	2020-08-04 10:36 (34)	36.0 (H)		7.8 - 26.7
		Day 57	2020-09-08 10:59 (36)	32.0 (H)		7.8 - 26.7
US2021207	Alanine Aminotransferase (U/L)	Screening	2020-06-17 12:48 (-9)	10		10 - 33
		Day 29	2020-08-06 11:01 (42)	8 (L)		10 - 33
		Day 57	2020-09-03 14:47 (29)	10		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-17 12:48 (-9)	63		30 - 115
		Day 29	2020-08-06 11:01 (42)	51		30 - 115
		Day 57	2020-09-03 14:47 (29)	51		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-17 12:48 (-9)	22		10 - 36
		Day 29	2020-08-06 11:01 (42)	21		10 - 36
		Day 57	2020-09-03 14:47 (29)	16		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021207	Bilirubin (umol/L)	Screening	2020-06-17 12:48 (-9)	6.0		- 18.8
		Day 29	2020-08-06 11:01 (42)	6.2		- 18.8
		Day 57	2020-09-03 14:47 (29)	3.2		- 18.8
	Creatinine (umol/L)	Screening	2020-06-17 12:48 (-9)	71		62 - 124
		Day 29	2020-08-06 11:01 (42)	62		62 - 124
		Day 57	2020-09-03 14:47 (29)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-17 12:48 (-9)	<3.4		0 - 6.8
		Day 29	2020-08-06 11:01 (42)	<3.4		0 - 6.8
		Day 57	2020-09-03 14:47 (29)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-17 12:48 (-9)	115.2 (H)		1.7 - 21.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-17 12:48 (-9)	2.14		1.78 - 7.14
		Day 29	2020-08-06 11:01 (42)	3.93		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021207	Urea Nitrogen (mmol/L)	Day 57	2020-09-03 14:47 (29)	4.28		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-17 12:48 (-9)	7.5 (L)		7.8 - 26.7
		Day 29	2020-08-06 11:01 (42)	15.7		7.8 - 26.7
		Day 57	2020-09-03 14:47 (29)	15.0		7.8 - 26.7
US2021219	Alanine Aminotransferase (U/L)	Screening	2020-06-23 12:03 (-7)	11		10 - 33
		Day 29	2020-07-31 (32)	15		10 - 33
		Day 57	2020-09-03 11:11 (35)	14		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-23 12:03 (-7)	98		30 - 115
		Day 29	2020-07-31 (32)	88		30 - 115
		Day 57	2020-09-03 11:11 (35)	95		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-23 12:03 (-7)	19		10 - 36
		Day 29	2020-07-31 (32)	18		10 - 36
		Day 57	2020-09-03 11:11 (35)	18		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021219	Bilirubin (umol/L)	Screening	2020-06-23 12:03 (-7)	15.9		- 18.8
		Day 29	2020-07-31 (32)	10.9		- 18.8
		Day 57	2020-09-03 11:11 (35)	15.2		- 18.8
	Creatinine (umol/L)	Screening	2020-06-23 12:03 (-7)	44 (L)		62 - 124
		Day 29	2020-07-31 (32)	44 (L)		62 - 124
		Day 57	2020-09-03 11:11 (35)	44 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-23 12:03 (-7)	<3.4		0 - 6.8
		Day 29	2020-07-31 (32)	<3.4		0 - 6.8
		Day 57	2020-09-03 11:11 (35)	3.6		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-23 12:03 (-7)	71.2 (H)		1.7 - 21.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-23 12:03 (-7)	7.50 (H)		1.78 - 7.14
		Day 29	2020-07-31 (32)	4.64		1.78 - 7.14
		Day 57	2020-09-03 11:11 (35)	6.07		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-23 12:03 (-7)	42.0 (H)		7.8 - 26.7
		Day 29	2020-07-31 (32)	26.0		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021219	Urea Nitrogen/Creatinine	Day 57	2020-09-03 11:11 (35)	34.0 (H)		7.8 - 26.7
US2021222	Alanine Aminotransferase (U/L)	Screening	2020-06-29 14:05 (-3)	22		10 - 33
		Day 29	2020-07-31 (30)	22		10 - 33
		Day 57	2020-08-25 12:29 (26)	26		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-29 14:05 (-3)	76		30 - 115
		Day 29	2020-07-31 (30)	71		30 - 115
		Day 57	2020-08-25 12:29 (26)	87		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-29 14:05 (-3)	28		10 - 36
		Day 29	2020-07-31 (30)	26		10 - 36
		Day 57	2020-08-25 12:29 (26)	26		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-29 14:05 (-3)	5.1		- 18.8
		Day 29	2020-07-31 (30)	6.3		- 18.8
		Day 57	2020-08-25 12:29 (26)	6.5		- 18.8
	Creatinine (umol/L)	Screening	2020-06-29 14:05 (-3)	71		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021222	Creatinine (umol/L)	Day 29	2020-07-31 (30)	53 (L)		62 - 124
		Day 57	2020-08-25 12:29 (26)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-29 14:05 (-3)	<3.4		0 - 6.8
		Day 29	2020-07-31 (30)	<3.4		0 - 6.8
		Day 57	2020-08-25 12:29 (26)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-29 14:05 (-3)	78.8 (H)		1.7 - 21.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-29 14:05 (-3)	6.78		1.78 - 7.14
		Day 29	2020-07-31 (30)	6.07		1.78 - 7.14
		Day 57	2020-08-25 12:29 (26)	6.78		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-29 14:05 (-3)	23.8		7.8 - 26.7
		Day 29	2020-07-31 (30)	28.3 (H)		7.8 - 26.7
		Day 57	2020-08-25 12:29 (26)	27.1 (H)		7.8 - 26.7
US2031085	Alanine Aminotransferase (U/L)	Screening	2020-06-08 09:59 (-18)	13		10 - 33
		Day 29	2020-07-29 08:34 (34)	9 (L)		10 - 33

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031085	Alanine Aminotransferase (U/L)	Day 57	2020-08-26 08:48 (29)	15		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-08 09:59 (-18)	66		30 - 115
		Day 29	2020-07-29 08:34 (34)	65		30 - 115
		Day 57	2020-08-26 08:48 (29)	66		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-08 09:59 (-18)	16		10 - 36
		Day 29	2020-07-29 08:34 (34)	19		10 - 36
		Day 57	2020-08-26 08:48 (29)	19		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-08 09:59 (-18)	7.7		- 18.8
		Day 29	2020-07-29 08:34 (34)	12.8		- 18.8
		Day 57	2020-08-26 08:48 (29)	12.8		- 18.8
	Creatinine (umol/L)	Screening	2020-06-08 09:59 (-18)	71		62 - 124
		Day 29	2020-07-29 08:34 (34)	71		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031085	Creatinine (umol/L)	Day 57	2020-08-26 08:48 (29)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-08 09:59 (-18)	<3.4		0 - 6.8
		Day 29	2020-07-29 08:34 (34)	<3.4		0 - 6.8
		Day 57	2020-08-26 08:48 (29)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-08 09:59 (-18)	39.2 (H)		1.7 - 21.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-08 09:59 (-18)	6.07		1.78 - 7.14
		Day 29	2020-07-29 08:34 (34)	6.78		1.78 - 7.14
		Day 57	2020-08-26 08:48 (29)	6.07		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-08 09:59 (-18)	21.2		7.8 - 26.7
		Day 29	2020-07-29 08:34 (34)	23.8		7.8 - 26.7
		Day 57	2020-08-26 08:48 (29)	24.3		7.8 - 26.7
US2031089	Alanine Aminotransferase (U/L)	Screening	2020-06-08 13:50 (-18)	19		10 - 40

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031089	Alanine Aminotransferase (U/L)	Day 29	2020-07-29 09:48 (34)	31		10 - 40
		Day 57	2020-08-27 09:37 (30)	24		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-08 13:50 (-18)	59		43 - 115
		Day 29	2020-07-29 09:48 (34)	59		43 - 115
		Day 57	2020-08-27 09:37 (30)	65		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-08 13:50 (-18)	18		10 - 43
		Day 29	2020-07-29 09:48 (34)	23		10 - 43
		Day 57	2020-08-27 09:37 (30)	18		10 - 43
	Bilirubin (umol/L)	Screening	2020-06-08 13:50 (-18)	8.2		- 18.8
		Day 29	2020-07-29 09:48 (34)	8.4		- 18.8
		Day 57	2020-08-27 09:37 (30)	9.4		- 18.8
	Creatinine (umol/L)	Screening	2020-06-08 13:50 (-18)	71		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031089	Creatinine (umol/L)	Day 29	2020-07-29 09:48 (34)	71		62 - 124
		Day 57	2020-08-27 09:37 (30)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-08 13:50 (-18)	<3.4		0 - 6.8
		Day 29	2020-07-29 09:48 (34)	<3.4		0 - 6.8
		Day 57	2020-08-27 09:37 (30)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-08 13:50 (-18)	6.78		1.78 - 7.14
		Day 29	2020-07-29 09:48 (34)	6.07		1.78 - 7.14
		Day 57	2020-08-27 09:37 (30)	6.43		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-08 13:50 (-18)	23.8		7.8 - 26.7
		Day 29	2020-07-29 09:48 (34)	21.2		7.8 - 26.7
		Day 57	2020-08-27 09:37 (30)	22.5		7.8 - 26.7
US2031092	Alanine Aminotransferase (U/L)	Screening	2020-06-08 15:20 (-22)	17		10 - 33

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031092	Alanine Aminotransferase (U/L)	Day 29	2020-07-29 10:27 (30)	15		10 - 33
		Day 57	2020-08-25 10:58 (28)	18		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-08 15:20 (-22)	82		30 - 115
		Day 29	2020-07-29 10:27 (30)	77		30 - 115
		Day 57	2020-08-25 10:58 (28)	77		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-08 15:20 (-22)	21		10 - 36
		Day 29	2020-07-29 10:27 (30)	21		10 - 36
		Day 57	2020-08-25 10:58 (28)	18		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-08 15:20 (-22)	4.6		- 18.8
		Day 29	2020-07-29 10:27 (30)	6.7		- 18.8
		Day 57	2020-08-25 10:58 (28)	6.2		- 18.8
	Creatinine (umol/L)	Screening	2020-06-08 15:20 (-22)	53 (L)		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031092	Creatinine (umol/L)	Day 29	2020-07-29 10:27 (30)	62		62 - 124
		Day 57	2020-08-25 10:58 (28)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-08 15:20 (-22)	<3.4		0 - 6.8
		Day 29	2020-07-29 10:27 (30)	<3.4		0 - 6.8
		Day 57	2020-08-25 10:58 (28)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-08 15:20 (-22)	47.7 (H)		1.7 - 21.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-08 15:20 (-22)	5.35		1.78 - 7.14
		Day 29	2020-07-29 10:27 (30)	5.35		1.78 - 7.14
		Day 57	2020-08-25 10:58 (28)	4.64		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-08 15:20 (-22)	25.0		7.8 - 26.7
		Day 29	2020-07-29 10:27 (30)	21.4		7.8 - 26.7
		Day 57	2020-08-25 10:58 (28)	21.7		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031095	Alanine Aminotransferase (U/L)	Screening	2020-06-09 10:24 (-20)	13		10 - 33
		Day 29	2020-07-27 08:35 (29)	13		10 - 33
		Day 57	2020-08-21 11:55 (26)	11		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-09 10:24 (-20)	78		30 - 115
		Day 29	2020-07-27 08:35 (29)	73		30 - 115
		Day 57	2020-08-21 11:55 (26)	73		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-09 10:24 (-20)	17		10 - 36
		Day 29	2020-07-27 08:35 (29)	14		10 - 36
		Day 57	2020-08-21 11:55 (26)	17		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-09 10:24 (-20)	6.3		- 18.8
		Day 29	2020-07-27 08:35 (29)	3.6		- 18.8
		Day 57	2020-08-21 11:55 (26)	3.9		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031095	Creatinine (umol/L)	Screening	2020-06-09 10:24 (-20)	71		62 - 124
		Day 29	2020-07-27 08:35 (29)	62		62 - 124
		Day 57	2020-08-21 11:55 (26)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-09 10:24 (-20)	<3.4		0 - 6.8
		Day 29	2020-07-27 08:35 (29)	<3.4		0 - 6.8
		Day 57	2020-08-21 11:55 (26)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-09 10:24 (-20)	59.6 (H)		1.7 - 21.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-09 10:24 (-20)	4.28		1.78 - 7.14
		Day 29	2020-07-27 08:35 (29)	3.57		1.78 - 7.14
		Day 57	2020-08-21 11:55 (26)	4.28		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-09 10:24 (-20)	15.0		7.8 - 26.7
		Day 29	2020-07-27 08:35 (29)	14.3		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031095	Urea Nitrogen/Creatinine	Day 57	2020-08-21 11:55 (26)	20.0		7.8 - 26.7
US2031098	Alanine Aminotransferase (U/L)	Screening	2020-06-09 11:04 (-20)	18		10 - 33
		Day 29	2020-07-29 10:55 (31)	18		10 - 33
		Day 57	2020-08-24 11:03 (27)	18		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-09 11:04 (-20)	50		30 - 115
		Day 29	2020-07-29 10:55 (31)	53		30 - 115
		Day 57	2020-08-24 11:03 (27)	48		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-09 11:04 (-20)	16		10 - 36
		Day 29	2020-07-29 10:55 (31)	18		10 - 36
		Day 57	2020-08-24 11:03 (27)	16		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-09 11:04 (-20)	8.4		- 18.8
		Day 29	2020-07-29 10:55 (31)	7.4		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031098	Bilirubin (umol/L)	Day 57	2020-08-24 11:03 (27)	8.6		- 18.8
	Creatinine (umol/L)	Screening	2020-06-09 11:04 (-20)	53 (L)		62 - 124
		Day 29	2020-07-29 10:55 (31)	53 (L)		62 - 124
		Day 57	2020-08-24 11:03 (27)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-09 11:04 (-20)	<3.4		0 - 6.8
		Day 29	2020-07-29 10:55 (31)	<3.4		0 - 6.8
		Day 57	2020-08-24 11:03 (27)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-09 11:04 (-20)	74.4 (H)		1.7 - 21.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-09 11:04 (-20)	5.00		1.78 - 7.14
		Day 29	2020-07-29 10:55 (31)	5.35		1.78 - 7.14
		Day 57	2020-08-24 11:03 (27)	7.50 (H)		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-09 11:04 (-20)	23.3		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031098	Urea Nitrogen/Creatinine	Day 29	2020-07-29 10:55 (31)	25.0		7.8 - 26.7
		Day 57	2020-08-24 11:03 (27)	35.0 (H)		7.8 - 26.7
US2031100	Alanine Aminotransferase (U/L)	Screening	2020-06-09 16:05 (-22)	13		10 - 33
		Day 29	2020-08-03 15:55 (34)	12		10 - 33
		Day 57	2020-09-02 16:38 (31)	12		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-09 16:05 (-22)	116 (H)		30 - 115
		Day 29	2020-08-03 15:55 (34)	94		30 - 115
		Day 57	2020-09-02 16:38 (31)	104		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-09 16:05 (-22)	19		10 - 36
		Day 29	2020-08-03 15:55 (34)	29		10 - 36
		Day 57	2020-09-02 16:38 (31)	17		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-09 16:05 (-22)	9.2		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031100	Bilirubin (umol/L)	Day 29	2020-08-03 15:55 (34)	8.7		- 18.8
		Day 57	2020-09-02 16:38 (31)	13.2		- 18.8
	Creatinine (umol/L)	Screening	2020-06-09 16:05 (-22)	62		62 - 124
		Day 29	2020-08-03 15:55 (34)	62		62 - 124
		Day 57	2020-09-02 16:38 (31)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-09 16:05 (-22)	<3.4		0 - 6.8
		Day 29	2020-08-03 15:55 (34)	<3.4		0 - 6.8
		Day 57	2020-09-02 16:38 (31)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-09 16:05 (-22)	71.9 (H)		1.7 - 21.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-09 16:05 (-22)	2.86		1.78 - 7.14
		Day 29	2020-08-03 15:55 (34)	3.93		1.78 - 7.14
		Day 57	2020-09-02 16:38 (31)	3.93		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031100	Urea Nitrogen/Creatinine	Screening	2020-06-09 16:05 (-22)	11.4		7.8 - 26.7
		Day 29	2020-08-03 15:55 (34)	15.7		7.8 - 26.7
		Day 57	2020-09-02 16:38 (31)	13.8		7.8 - 26.7
US2031102	Alanine Aminotransferase (U/L)	Screening	2020-06-09 16:34 (-23)	32		10 - 33
		Day 29	2020-08-03 16:47 (33)	26		10 - 33
		Day 57	2020-08-28 10:50 (26)	25		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-09 16:34 (-23)	43		30 - 115
		Day 29	2020-08-03 16:47 (33)	44		30 - 115
		Day 57	2020-08-28 10:50 (26)	42		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-09 16:34 (-23)	32		10 - 36
		Day 29	2020-08-03 16:47 (33)	28		10 - 36
		Day 57	2020-08-28 10:50 (26)	29		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031102	Bilirubin (umol/L)	Screening	2020-06-09 16:34 (-23)	6.7		- 18.8
		Day 29	2020-08-03 16:47 (33)	2.9		- 18.8
		Day 57	2020-08-28 10:50 (26)	5.3		- 18.8
	Creatinine (umol/L)	Screening	2020-06-09 16:34 (-23)	35 (L)		62 - 124
		Day 29	2020-08-03 16:47 (33)	44 (L)		62 - 124
		Day 57	2020-08-28 10:50 (26)	35 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-09 16:34 (-23)	<3.4		0 - 6.8
		Day 29	2020-08-03 16:47 (33)	<3.4		0 - 6.8
		Day 57	2020-08-28 10:50 (26)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-09 16:34 (-23)	71.3 (H)		1.7 - 21.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-09 16:34 (-23)	5.71		1.78 - 7.14
		Day 29	2020-08-03 16:47 (33)	6.07		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031102	Urea Nitrogen (mmol/L)	Day 57	2020-08-28 10:50 (26)	5.00		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-09 16:34 (-23)	40.0 (H)		7.8 - 26.7
		Day 29	2020-08-03 16:47 (33)	34.0 (H)		7.8 - 26.7
		Day 57	2020-08-28 10:50 (26)	35.0 (H)		7.8 - 26.7
US2031103	Alanine Aminotransferase (U/L)	Screening	2020-06-09 17:17 (-20)	21		10 - 40
		Day 29	2020-07-30 16:44 (32)	18		10 - 40
		Day 57	2020-08-27 16:29 (29)	20		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-09 17:17 (-20)	60		43 - 115
		Day 29	2020-07-30 16:44 (32)	56		43 - 115
		Day 57	2020-08-27 16:29 (29)	56		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-09 17:17 (-20)	21		10 - 43
		Day 29	2020-07-30 16:44 (32)	14		10 - 43

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031103	Aspartate Aminotransferase (U/L)	Day 57	2020-08-27 16:29 (29)	17		10 - 43
	Bilirubin (umol/L)	Screening	2020-06-09 17:17 (-20)	3.9		- 18.8
		Day 29	2020-07-30 16:44 (32)	2.7		- 18.8
		Day 57	2020-08-27 16:29 (29)	3.8		- 18.8
	Creatinine (umol/L)	Screening	2020-06-09 17:17 (-20)	71		62 - 124
		Day 29	2020-07-30 16:44 (32)	88		62 - 124
		Day 57	2020-08-27 16:29 (29)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-09 17:17 (-20)	<3.4		0 - 6.8
		Day 29	2020-07-30 16:44 (32)	<3.4		0 - 6.8
		Day 57	2020-08-27 16:29 (29)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-09 17:17 (-20)	3.93		1.78 - 7.14
		Day 29	2020-07-30 16:44 (32)	4.64		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031103	Urea Nitrogen (mmol/L)	Day 57	2020-08-27 16:29 (29)	5.00		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-09 17:17 (-20)	13.8		7.8 - 26.7
		Day 29	2020-07-30 16:44 (32)	13.0		7.8 - 26.7
		Day 57	2020-08-27 16:29 (29)	17.5		7.8 - 26.7
US2031110	Alanine Aminotransferase (U/L)	Screening	2020-06-10 15:10 (-16)	17		10 - 33
		Day 29	2020-07-28 11:23 (33)	17		10 - 33
		Day 57	2020-08-26 10:25 (30)	14		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-10 15:10 (-16)	77		30 - 115
		Day 29	2020-07-28 11:23 (33)	70		30 - 115
		Day 57	2020-08-26 10:25 (30)	73		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-10 15:10 (-16)	19		10 - 36
		Day 29	2020-07-28 11:23 (33)	23		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031110	Aspartate Aminotransferase (U/L)	Day 57	2020-08-26 10:25 (30)	18		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-10 15:10 (-16)	3.4		- 18.8
		Day 29	2020-07-28 11:23 (33)	3.8		- 18.8
		Day 57	2020-08-26 10:25 (30)	3.8		- 18.8
	Creatinine (umol/L)	Screening	2020-06-10 15:10 (-16)	71		62 - 124
		Day 29	2020-07-28 11:23 (33)	62		62 - 124
		Day 57	2020-08-26 10:25 (30)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-10 15:10 (-16)	<3.4		0 - 6.8
		Day 29	2020-07-28 11:23 (33)	<3.4		0 - 6.8
		Day 57	2020-08-26 10:25 (30)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-10 15:10 (-16)	89.9 (H)		1.7 - 21.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-10 15:10 (-16)	6.78		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031110	Urea Nitrogen (mmol/L)	Day 29	2020-07-28 11:23 (33)	7.50 (H)		1.78 - 7.14
		Day 57	2020-08-26 10:25 (30)	6.43		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-10 15:10 (-16)	23.8		7.8 - 26.7
		Day 29	2020-07-28 11:23 (33)	30.0 (H)		7.8 - 26.7
		Day 57	2020-08-26 10:25 (30)	25.7		7.8 - 26.7
US2031116	Alanine Aminotransferase (U/L)	Screening	2020-06-11 13:36 (-18)	14		10 - 33
		Day 29	2020-07-30 10:48 (32)	18		10 - 33
		Day 57	2020-08-28 14:45 (30)	12		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-11 13:36 (-18)	75		30 - 115
		Day 29	2020-07-30 10:48 (32)	65		30 - 115
		Day 57	2020-08-28 14:45 (30)	67		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-11 13:36 (-18)	17		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031116	Aspartate Aminotransferase (U/L)	Day 29	2020-07-30 10:48 (32)	20		10 - 36
		Day 57	2020-08-28 14:45 (30)	12		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-11 13:36 (-18)	4.4		- 18.8
		Day 29	2020-07-30 10:48 (32)	4.8		- 18.8
		Day 57	2020-08-28 14:45 (30)	3.4		- 18.8
	Creatinine (umol/L)	Screening	2020-06-11 13:36 (-18)	53 (L)		62 - 124
		Day 29	2020-07-30 10:48 (32)	44 (L)		62 - 124
		Day 57	2020-08-28 14:45 (30)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-11 13:36 (-18)	<3.4		0 - 6.8
		Day 29	2020-07-30 10:48 (32)	<3.4		0 - 6.8
		Day 57	2020-08-28 14:45 (30)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-11 13:36 (-18)	93.7 (H)		1.7 - 21.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031116	Urea Nitrogen (mmol/L)	Screening	2020-06-11 13:36 (-18)	5.00		1.78 - 7.14
		Day 29	2020-07-30 10:48 (32)	4.28		1.78 - 7.14
		Day 57	2020-08-28 14:45 (30)	6.07		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-11 13:36 (-18)	23.3		7.8 - 26.7
		Day 29	2020-07-30 10:48 (32)	24.0		7.8 - 26.7
		Day 57	2020-08-28 14:45 (30)	21.2		7.8 - 26.7
US2031124	Alanine Aminotransferase (U/L)	Screening	2020-06-17 13:42 (-12)	12		10 - 40
		Day 29	2020-07-29 17:25 (31)	16		10 - 40
		Day 57	2020-08-24 15:54 (27)	12		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-17 13:42 (-12)	58		43 - 115
		Day 29	2020-07-29 17:25 (31)	65		43 - 115
		Day 57	2020-08-24 15:54 (27)	60		43 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031124	Aspartate Aminotransferase (U/L)	Screening	2020-06-17 13:42 (-12)	17		10 - 43
		Day 29	2020-07-29 17:25 (31)	17		10 - 43
		Day 57	2020-08-24 15:54 (27)	16		10 - 43
	Bilirubin (umol/L)	Screening	2020-06-17 13:42 (-12)	6.0		- 18.8
		Day 29	2020-07-29 17:25 (31)	3.1		- 18.8
		Day 57	2020-08-24 15:54 (27)	4.6		- 18.8
	Creatinine (umol/L)	Screening	2020-06-17 13:42 (-12)	80		62 - 124
		Day 29	2020-07-29 17:25 (31)	80		62 - 124
		Day 57	2020-08-24 15:54 (27)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-17 13:42 (-12)	<3.4		0 - 6.8
		Day 29	2020-07-29 17:25 (31)	<3.4		0 - 6.8
		Day 57	2020-08-24 15:54 (27)	<3.4		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031124	Urea Nitrogen (mmol/L)	Screening	2020-06-17 13:42 (-12)	6.78		1.78 - 7.14
		Day 29	2020-07-29 17:25 (31)	5.71		1.78 - 7.14
		Day 57	2020-08-24 15:54 (27)	4.64		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-17 13:42 (-12)	21.1		7.8 - 26.7
		Day 29	2020-07-29 17:25 (31)	17.8		7.8 - 26.7
		Day 57	2020-08-24 15:54 (27)	16.2		7.8 - 26.7
US2031125	Alanine Aminotransferase (U/L)	Screening	2020-06-22 14:27 (-4)	18		10 - 33
		Day 29	2020-07-28 10:17 (33)	20		10 - 33
		Day 57	2020-08-24 08:54 (28)	16		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-22 14:27 (-4)	108		30 - 115
		Day 29	2020-07-28 10:17 (33)	100		30 - 115
		Day 57	2020-08-24 08:54 (28)	102		30 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031125	Aspartate Aminotransferase (U/L)	Screening	2020-06-22 14:27 (-4)	21		10 - 36
		Day 29	2020-07-28 10:17 (33)	21		10 - 36
		Day 57	2020-08-24 08:54 (28)	17		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-22 14:27 (-4)	5.5		- 18.8
		Day 29	2020-07-28 10:17 (33)	4.1		- 18.8
		Day 57	2020-08-24 08:54 (28)	3.2		- 18.8
	Creatinine (umol/L)	Screening	2020-06-22 14:27 (-4)	62		62 - 124
		Day 29	2020-07-28 10:17 (33)	62		62 - 124
		Day 57	2020-08-24 08:54 (28)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-22 14:27 (-4)	<3.4		0 - 6.8
		Day 29	2020-07-28 10:17 (33)	<3.4		0 - 6.8
		Day 57	2020-08-24 08:54 (28)	<3.4		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031125	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-22 14:27 (-4)	90.4 (H)		1.7 - 21.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-22 14:27 (-4)	6.07		1.78 - 7.14
		Day 29	2020-07-28 10:17 (33)	7.14		1.78 - 7.14
		Day 57	2020-08-24 08:54 (28)	6.07		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-22 14:27 (-4)	24.3		7.8 - 26.7
		Day 29	2020-07-28 10:17 (33)	28.6 (H)		7.8 - 26.7
		Day 57	2020-08-24 08:54 (28)	21.2		7.8 - 26.7
US2031129	Alanine Aminotransferase (U/L)	Screening	2020-06-25 12:26 (-6)	23		10 - 40
		Day 29	2020-07-30 14:45 (30)	25		10 - 40
		Day 57	2020-08-28 09:36 (30)	22		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-25 12:26 (-6)	64		43 - 115
		Day 29	2020-07-30 14:45 (30)	61		43 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031129	Alkaline Phosphatase (U/L)	Day 57	2020-08-28 09:36 (30)	66		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-25 12:26 (-6)	24		10 - 43
		Day 29	2020-07-30 14:45 (30)	22		10 - 43
		Day 57	2020-08-28 09:36 (30)	14		10 - 43
	Bilirubin (umol/L)	Screening	2020-06-25 12:26 (-6)	9.1		- 18.8
		Day 29	2020-07-30 14:45 (30)	4.8		- 18.8
		Day 57	2020-08-28 09:36 (30)	7.2		- 18.8
	Creatinine (umol/L)	Screening	2020-06-25 12:26 (-6)	106		62 - 124
		Day 29	2020-07-30 14:45 (30)	97		62 - 124
		Day 57	2020-08-28 09:36 (30)	97		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-25 12:26 (-6)	<3.4		0 - 6.8
		Day 29	2020-07-30 14:45 (30)	<3.4		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031129	Direct Bilirubin (umol/L)	Day 57	2020-08-28 09:36 (30)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-25 12:26 (-6)	6.43		1.78 - 7.14
		Day 29	2020-07-30 14:45 (30)	7.85 (H)		1.78 - 7.14
		Day 57	2020-08-28 09:36 (30)	6.07		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-25 12:26 (-6)	15.0		7.8 - 26.7
		Day 29	2020-07-30 14:45 (30)	20.0		7.8 - 26.7
		Day 57	2020-08-28 09:36 (30)	15.5		7.8 - 26.7
US2031131	Alanine Aminotransferase (U/L)	Screening	2020-06-29 11:50 (-3)	10		10 - 33
		Day 29	2020-07-31 10:46 (30)	14		10 - 33
		Day 57	2020-08-27 11:33 (28)	11		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-29 11:50 (-3)	50		30 - 115
		Day 29	2020-07-31 10:46 (30)	51		30 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031131	Alkaline Phosphatase (U/L)	Day 57	2020-08-27 11:33 (28)	51		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-29 11:50 (-3)	13		10 - 36
		Day 29	2020-07-31 10:46 (30)	14		10 - 36
		Day 57	2020-08-27 11:33 (28)	18		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-29 11:50 (-3)	6.8		- 18.8
		Day 29	2020-07-31 10:46 (30)	<2.6		- 18.8
		Day 57	2020-08-27 11:33 (28)	6.0		- 18.8
	Creatinine (umol/L)	Screening	2020-06-29 11:50 (-3)	80		62 - 124
		Day 29	2020-07-31 10:46 (30)	80		62 - 124
		Day 57	2020-08-27 11:33 (28)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-29 11:50 (-3)	<3.4		0 - 6.8
		Day 29	2020-07-31 10:46 (30)	<3.4		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031131	Direct Bilirubin (umol/L)	Day 57	2020-08-27 11:33 (28)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-29 11:50 (-3)	89.3 (H)		1.7 - 21.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-29 11:50 (-3)	6.43		1.78 - 7.14
		Day 29	2020-07-31 10:46 (30)	7.85 (H)		1.78 - 7.14
		Day 57	2020-08-27 11:33 (28)	7.14		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-29 11:50 (-3)	20.0		7.8 - 26.7
		Day 29	2020-07-31 10:46 (30)	24.4		7.8 - 26.7
		Day 57	2020-08-27 11:33 (28)	25.0		7.8 - 26.7
US2041102	Alanine Aminotransferase (U/L)	Screening	2020-06-10 10:16 (-16)	13		10 - 40
		Day 29	2020-07-24 12:47 (29)	17		10 - 40
		Day 57	2020-08-18 10:33 (26)	17		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-10 10:16 (-16)	64		43 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041102	Alkaline Phosphatase (U/L)	Day 29	2020-07-24 12:47 (29)	65		43 - 115
		Day 57	2020-08-18 10:33 (26)	73		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-10 10:16 (-16)	16		10 - 43
		Day 29	2020-07-24 12:47 (29)	15		10 - 43
		Day 57	2020-08-18 10:33 (26)	22		10 - 43
	Bilirubin (umol/L)	Screening	2020-06-10 10:16 (-16)	3.8		- 18.8
		Day 29	2020-07-24 12:47 (29)	3.9		- 18.8
		Day 57	2020-08-18 10:33 (26)	3.4		- 18.8
	Creatinine (umol/L)	Screening	2020-06-10 10:16 (-16)	80		62 - 124
		Day 29	2020-07-24 12:47 (29)	71		62 - 124
		Day 57	2020-08-18 10:33 (26)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-10 10:16 (-16)	<3.4		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041102	Direct Bilirubin (umol/L)	Day 29	2020-07-24 12:47 (29)	<3.4		0 - 6.8
		Day 57	2020-08-18 10:33 (26)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-10 10:16 (-16)	7.85 (H)		1.78 - 7.14
		Day 29	2020-07-24 12:47 (29)	4.28		1.78 - 7.14
		Day 57	2020-08-18 10:33 (26)	3.93		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-10 10:16 (-16)	24.4		7.8 - 26.7
		Day 29	2020-07-24 12:47 (29)	15.0		7.8 - 26.7
		Day 57	2020-08-18 10:33 (26)	13.8		7.8 - 26.7
US2041114	Alanine Aminotransferase (U/L)	Screening	2020-06-11 12:21 (-15)	19		10 - 40
		Day 29	2020-08-03 11:28 (39)	20		10 - 40
		Day 57	2020-09-01 07:27 (30)	19		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-11 12:21 (-15)	62		43 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041114	Alkaline Phosphatase (U/L)	Day 29	2020-08-03 11:28 (39)	61		43 - 115
		Day 57	2020-09-01 07:27 (30)	53		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-11 12:21 (-15)	23		10 - 43
		Day 29	2020-08-03 11:28 (39)	20		10 - 43
		Day 57	2020-09-01 07:27 (30)	21		10 - 43
	Bilirubin (umol/L)	Screening	2020-06-11 12:21 (-15)	6.8		- 18.8
		Day 29	2020-08-03 11:28 (39)	9.6		- 18.8
		Day 57	2020-09-01 07:27 (30)	12.1		- 18.8
	Creatinine (umol/L)	Screening	2020-06-11 12:21 (-15)	62		62 - 124
		Day 29	2020-08-03 11:28 (39)	71		62 - 124
		Day 57	2020-09-01 07:27 (30)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-11 12:21 (-15)	<3.4		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041114	Direct Bilirubin (umol/L)	Day 29	2020-08-03 11:28 (39)	<3.4		0 - 6.8
		Day 57	2020-09-01 07:27 (30)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-11 12:21 (-15)	3.57		1.78 - 7.14
		Day 29	2020-08-03 11:28 (39)	3.21		1.78 - 7.14
		Day 57	2020-09-01 07:27 (30)	4.64		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-11 12:21 (-15)	14.3		7.8 - 26.7
		Day 29	2020-08-03 11:28 (39)	11.2		7.8 - 26.7
		Day 57	2020-09-01 07:27 (30)	16.2		7.8 - 26.7
US2041115	Alanine Aminotransferase (U/L)	Screening	2020-06-11 13:53 (-20)	25		10 - 33
		Day 29	2020-08-04 11:34 (35)	11		10 - 33
		Day 57	2020-08-31 12:59 (28)	15		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-11 13:53 (-20)	60		30 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041115	Alkaline Phosphatase (U/L)	Day 29	2020-08-04 11:34 (35)	46		30 - 115
		Day 57	2020-08-31 12:59 (28)	59		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-11 13:53 (-20)	33		10 - 36
		Day 29	2020-08-04 11:34 (35)	20		10 - 36
		Day 57	2020-08-31 12:59 (28)	22		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-11 13:53 (-20)	7.9		- 18.8
		Day 29	2020-08-04 11:34 (35)	6.5		- 18.8
		Day 57	2020-08-31 12:59 (28)	7.4		- 18.8
	Creatinine (umol/L)	Screening	2020-06-11 13:53 (-20)	53 (L)		62 - 124
		Day 29	2020-08-04 11:34 (35)	62		62 - 124
		Day 57	2020-08-31 12:59 (28)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-11 13:53 (-20)	<3.4		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041115	Direct Bilirubin (umol/L)	Day 29	2020-08-04 11:34 (35)	<3.4		0 - 6.8
		Day 57	2020-08-31 12:59 (28)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-11 13:53 (-20)	48.9 (H)		1.7 - 21.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-11 13:53 (-20)	5.00		1.78 - 7.14
		Day 29	2020-08-04 11:34 (35)	5.71		1.78 - 7.14
		Day 57	2020-08-31 12:59 (28)	5.71		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-11 13:53 (-20)	23.3		7.8 - 26.7
		Day 29	2020-08-04 11:34 (35)	22.9		7.8 - 26.7
		Day 57	2020-08-31 12:59 (28)	26.7		7.8 - 26.7
US2041121	Alanine Aminotransferase (U/L)	Screening	2020-06-12 08:52 (-19)	15		10 - 33
		Day 29	2020-07-31 18:12 (1)	13		10 - 33
		Day 57	2020-08-25 16:12 (26)	13		10 - 33

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041121	Alkaline Phosphatase (U/L)	Screening	2020-06-12 08:52 (-19)	108		30 - 115
		Day 29	2020-07-31 18:12 (1)	104		30 - 115
		Day 57	2020-08-25 16:12 (26)	90		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-12 08:52 (-19)	19		10 - 36
		Day 29	2020-07-31 18:12 (1)	14		10 - 36
		Day 57	2020-08-25 16:12 (26)	15		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-12 08:52 (-19)	13.3		- 18.8
		Day 29	2020-07-31 18:12 (1)	7.4		- 18.8
		Day 57	2020-08-25 16:12 (26)	3.1		- 18.8
	Creatinine (umol/L)	Screening	2020-06-12 08:52 (-19)	53 (L)		62 - 124
		Day 29	2020-07-31 18:12 (1)	53 (L)		62 - 124
		Day 57	2020-08-25 16:12 (26)	44 (L)		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041121	Direct Bilirubin (umol/L)	Screening	2020-06-12 08:52 (-19)	<3.4		0 - 6.8
		Day 29	2020-07-31 18:12 (1)	<3.4		0 - 6.8
		Day 57	2020-08-25 16:12 (26)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-12 08:52 (-19)	95.5 (H)		1.7 - 21.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-12 08:52 (-19)	5.71		1.78 - 7.14
		Day 29	2020-07-31 18:12 (1)	6.07		1.78 - 7.14
		Day 57	2020-08-25 16:12 (26)	5.35		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-12 08:52 (-19)	26.7		7.8 - 26.7
		Day 29	2020-07-31 18:12 (1)	28.3 (H)		7.8 - 26.7
		Day 57	2020-08-25 16:12 (26)	30.0 (H)		7.8 - 26.7
US2041132	Alanine Aminotransferase (U/L)	Screening	2020-06-15 10:40 (-11)	14		10 - 33
		Day 29	2020-07-27 11:15 (32)	14		10 - 33

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041132	Alanine Aminotransferase (U/L)	Day 57	2020-08-25 17:16 (30)	15		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-15 10:40 (-11)	58		30 - 115
		Day 29	2020-07-27 11:15 (32)	55		30 - 115
		Day 57	2020-08-25 17:16 (30)	56		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-15 10:40 (-11)	20		10 - 36
		Day 29	2020-07-27 11:15 (32)	18		10 - 36
		Day 57	2020-08-25 17:16 (30)	23		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-15 10:40 (-11)	4.4		- 18.8
		Day 29	2020-07-27 11:15 (32)	4.4		- 18.8
		Day 57	2020-08-25 17:16 (30)	3.8		- 18.8
	Creatinine (umol/L)	Screening	2020-06-15 10:40 (-11)	53 (L)		62 - 124
		Day 29	2020-07-27 11:15 (32)	53 (L)		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041132	Creatinine (umol/L)	Day 57	2020-08-25 17:16 (30)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-15 10:40 (-11)	<3.4		0 - 6.8
		Day 29	2020-07-27 11:15 (32)	<3.4		0 - 6.8
		Day 57	2020-08-25 17:16 (30)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-15 10:40 (-11)	49.8 (H)		1.7 - 21.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-15 10:40 (-11)	3.93		1.78 - 7.14
		Day 29	2020-07-27 11:15 (32)	3.93		1.78 - 7.14
		Day 57	2020-08-25 17:16 (30)	4.28		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-15 10:40 (-11)	18.3		7.8 - 26.7
		Day 29	2020-07-27 11:15 (32)	18.3		7.8 - 26.7
		Day 57	2020-08-25 17:16 (30)	20.0		7.8 - 26.7
US2041142	Alanine Aminotransferase (U/L)	Screening	2020-06-16 12:03 (-16)	28		10 - 40

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041142	Alanine Aminotransferase (U/L)	Unscheduled	2020-06-22 08:29 (-10)	30		10 - 40
		Day 29	2020-07-31 11:20 (30)	32		10 - 40
		Day 57	2020-08-28 10:13 (29)	26		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-16 12:03 (-16)	64		43 - 115
		Unscheduled	2020-06-22 08:29 (-10)	61		43 - 115
		Day 29	2020-07-31 11:20 (30)	67		43 - 115
		Day 57	2020-08-28 10:13 (29)	65		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-16 12:03 (-16)	26		10 - 43
		Unscheduled	2020-06-22 08:29 (-10)	21		10 - 43
		Day 29	2020-07-31 11:20 (30)	23		10 - 43
		Day 57	2020-08-28 10:13 (29)	19		10 - 43
	Bilirubin (umol/L)	Screening	2020-06-16 12:03 (-16)	3.9		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041142	Bilirubin (umol/L)	Unscheduled	2020-06-22 08:29 (-10)	5.8		- 18.8
		Day 29	2020-07-31 11:20 (30)	5.8		- 18.8
		Day 57	2020-08-28 10:13 (29)	5.0		- 18.8
	Creatinine (umol/L)	Screening	2020-06-16 12:03 (-16)	71		62 - 124
		Unscheduled	2020-06-22 08:29 (-10)	71		62 - 124
		Day 29	2020-07-31 11:20 (30)	71		62 - 124
		Day 57	2020-08-28 10:13 (29)	80		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-16 12:03 (-16)	<3.4		0 - 6.8
		Unscheduled	2020-06-22 08:29 (-10)	<3.4		0 - 6.8
		Day 29	2020-07-31 11:20 (30)	<3.4		0 - 6.8
		Day 57	2020-08-28 10:13 (29)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-16 12:03 (-16)	8.21 (H)	G1 Blood Urea Nitrogen Increased	1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041142	Urea Nitrogen (mmol/L)	Unscheduled	2020-06-22 08:29 (-10)	7.50 (H)		1.78 - 7.14
		Day 29	2020-07-31 11:20 (30)	6.07		1.78 - 7.14
		Day 57	2020-08-28 10:13 (29)	8.57 (H)	G1 Blood Urea Nitrogen Increased	1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-16 12:03 (-16)	28.8 (H)		7.8 - 26.7
		Unscheduled	2020-06-22 08:29 (-10)	26.2		7.8 - 26.7
		Day 29	2020-07-31 11:20 (30)	21.2		7.8 - 26.7
		Day 57	2020-08-28 10:13 (29)	26.7		7.8 - 26.7
US2041146	Alanine Aminotransferase (U/L)	Screening	2020-06-17 12:05 (-15)	15		10 - 33
		Day 29	2020-07-31 08:18 (30)	13		10 - 33
		Day 57	2020-08-26 08:22 (27)	16		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-17 12:05 (-15)	69		30 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041146	Alkaline Phosphatase (U/L)	Day 29	2020-07-31 08:18 (30)	72		30 - 115
		Day 57	2020-08-26 08:22 (27)	67		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-17 12:05 (-15)	27		10 - 36
		Day 29	2020-07-31 08:18 (30)	23		10 - 36
		Day 57	2020-08-26 08:22 (27)	27		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-17 12:05 (-15)	11.1		- 18.8
		Day 29	2020-07-31 08:18 (30)	7.0		- 18.8
		Day 57	2020-08-26 08:22 (27)	10.3		- 18.8
	Creatinine (umol/L)	Screening	2020-06-17 12:05 (-15)	53 (L)		62 - 124
		Day 29	2020-07-31 08:18 (30)	62		62 - 124
		Day 57	2020-08-26 08:22 (27)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-17 12:05 (-15)	<3.4		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041146	Direct Bilirubin (umol/L)	Day 29	2020-07-31 08:18 (30)	<3.4		0 - 6.8
		Day 57	2020-08-26 08:22 (27)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-17 12:05 (-15)	43.7 (H)		1.7 - 21.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-17 12:05 (-15)	5.35		1.78 - 7.14
		Day 29	2020-07-31 08:18 (30)	3.93		1.78 - 7.14
		Day 57	2020-08-26 08:22 (27)	3.93		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-17 12:05 (-15)	25.0		7.8 - 26.7
		Day 29	2020-07-31 08:18 (30)	15.7		7.8 - 26.7
		Day 57	2020-08-26 08:22 (27)	18.3		7.8 - 26.7
US2041151	Alanine Aminotransferase (U/L)	Screening	2020-06-19 14:14 (-17)	18		10 - 40
		Day 29	2020-08-04 10:47 (30)	18		10 - 40
		Day 57	2020-09-01 15:05 (29)	23		10 - 40

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041151	Alkaline Phosphatase (U/L)	Screening	2020-06-19 14:14 (-17)	97		43 - 115
		Day 29	2020-08-04 10:47 (30)	82		43 - 115
		Day 57	2020-09-01 15:05 (29)	86		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-19 14:14 (-17)	22		10 - 43
		Day 29	2020-08-04 10:47 (30)	25		10 - 43
		Day 57	2020-09-01 15:05 (29)	22		10 - 43
	Bilirubin (umol/L)	Screening	2020-06-19 14:14 (-17)	6.7		- 18.8
		Day 29	2020-08-04 10:47 (30)	9.9		- 18.8
		Day 57	2020-09-01 15:05 (29)	6.2		- 18.8
	Creatinine (umol/L)	Screening	2020-06-19 14:14 (-17)	80		62 - 124
		Day 29	2020-08-04 10:47 (30)	88		62 - 124
		Day 57	2020-09-01 15:05 (29)	88		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041151	Direct Bilirubin (umol/L)	Screening	2020-06-19 14:14 (-17)	<3.4		0 - 6.8
		Day 29	2020-08-04 10:47 (30)	<3.4		0 - 6.8
		Day 57	2020-09-01 15:05 (29)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-19 14:14 (-17)	5.00		1.78 - 7.14
		Day 29	2020-08-04 10:47 (30)	6.43		1.78 - 7.14
		Day 57	2020-09-01 15:05 (29)	6.78		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-19 14:14 (-17)	15.6		7.8 - 26.7
		Day 29	2020-08-04 10:47 (30)	18.0		7.8 - 26.7
		Day 57	2020-09-01 15:05 (29)	19.0		7.8 - 26.7
US2041152	Alanine Aminotransferase (U/L)	Screening	2020-06-19 14:21 (-18)	19		10 - 33
		Day 29	2020-08-04 10:38 (29)	20		10 - 33
		Day 57	2020-09-03 10:22 (31)	14		10 - 33

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041152	Alkaline Phosphatase (U/L)	Screening	2020-06-19 14:21 (-18)	64		30 - 115
		Day 29	2020-08-04 10:38 (29)	65		30 - 115
		Day 57	2020-09-03 10:22 (31)	55		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-19 14:21 (-18)	35		10 - 36
		Day 29	2020-08-04 10:38 (29)	38 (H)		10 - 36
		Day 57	2020-09-03 10:22 (31)	24		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-19 14:21 (-18)	5.1		- 18.8
		Day 29	2020-08-04 10:38 (29)	11.3		- 18.8
		Day 57	2020-09-03 10:22 (31)	7.2		- 18.8
	Creatinine (umol/L)	Screening	2020-06-19 14:21 (-18)	53 (L)		62 - 124
		Day 29	2020-08-04 10:38 (29)	44 (L)		62 - 124
		Day 57	2020-09-03 10:22 (31)	53 (L)		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041152	Direct Bilirubin (umol/L)	Screening	2020-06-19 14:21 (-18)	<3.4		0 - 6.8
		Day 29	2020-08-04 10:38 (29)	<3.4		0 - 6.8
		Day 57	2020-09-03 10:22 (31)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-19 14:21 (-18)	130.7 (H)		1.7 - 21.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-19 14:21 (-18)	6.43		1.78 - 7.14
		Day 29	2020-08-04 10:38 (29)	5.71		1.78 - 7.14
		Day 57	2020-09-03 10:22 (31)	6.07		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-19 14:21 (-18)	30.0 (H)		7.8 - 26.7
		Day 29	2020-08-04 10:38 (29)	32.0 (H)		7.8 - 26.7
		Day 57	2020-09-03 10:22 (31)	28.3 (H)		7.8 - 26.7
US2041166	Alanine Aminotransferase (U/L)	Screening	2020-07-01 14:44 (-5)	23		10 - 40
		Day 29	2020-08-03 08:11 (29)	21		10 - 40

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041166	Alanine Aminotransferase (U/L)	Day 57	2020-08-31 09:11 (29)	20		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-07-01 14:44 (-5)	80		43 - 115
		Day 29	2020-08-03 08:11 (29)	72		43 - 115
		Day 57	2020-08-31 09:11 (29)	78		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-07-01 14:44 (-5)	14		10 - 43
		Day 29	2020-08-03 08:11 (29)	18		10 - 43
		Day 57	2020-08-31 09:11 (29)	20		10 - 43
	Bilirubin (umol/L)	Screening	2020-07-01 14:44 (-5)	8.0		- 18.8
		Day 29	2020-08-03 08:11 (29)	10.8		- 18.8
		Day 57	2020-08-31 09:11 (29)	12.0		- 18.8
	Creatinine (umol/L)	Screening	2020-07-01 14:44 (-5)	71		62 - 124
		Day 29	2020-08-03 08:11 (29)	71		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041166	Creatinine (umol/L)	Day 57	2020-08-31 09:11 (29)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-07-01 14:44 (-5)	<3.4		0 - 6.8
		Day 29	2020-08-03 08:11 (29)	<3.4		0 - 6.8
		Day 57	2020-08-31 09:11 (29)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-07-01 14:44 (-5)	7.14		1.78 - 7.14
		Day 29	2020-08-03 08:11 (29)	5.71		1.78 - 7.14
		Day 57	2020-08-31 09:11 (29)	5.00		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-07-01 14:44 (-5)	25.0		7.8 - 26.7
		Day 29	2020-08-03 08:11 (29)	20.0		7.8 - 26.7
		Day 57	2020-08-31 09:11 (29)	17.5		7.8 - 26.7
US2051055	Alanine Aminotransferase (U/L)	Screening	2020-06-12 09:40 (-14)	29		10 - 40
		Day 29	2020-07-30 08:34 (35)	23		10 - 40

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051055	Alanine Aminotransferase (U/L)	Day 57	2020-08-25 07:50 (27)	20		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-12 09:40 (-14)	73		43 - 115
		Day 29	2020-07-30 08:34 (35)	60		43 - 115
		Day 57	2020-08-25 07:50 (27)	68		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-12 09:40 (-14)	25		10 - 43
		Day 29	2020-07-30 08:34 (35)	35		10 - 43
		Day 57	2020-08-25 07:50 (27)	22		10 - 43
	Bilirubin (umol/L)	Screening	2020-06-12 09:40 (-14)	8.2		- 18.8
		Day 29	2020-07-30 08:34 (35)	6.0		- 18.8
		Day 57	2020-08-25 07:50 (27)	6.8		- 18.8
	Creatinine (umol/L)	Screening	2020-06-12 09:40 (-14)	88		62 - 124
		Day 29	2020-07-30 08:34 (35)	97		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051055	Creatinine (umol/L)	Day 57	2020-08-25 07:50 (27)	80		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-12 09:40 (-14)	<3.4		0 - 6.8
		Day 29	2020-07-30 08:34 (35)	<3.4		0 - 6.8
		Day 57	2020-08-25 07:50 (27)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-12 09:40 (-14)	3.93		1.78 - 7.14
		Day 29	2020-07-30 08:34 (35)	4.64		1.78 - 7.14
		Day 57	2020-08-25 07:50 (27)	5.35		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-12 09:40 (-14)	11.0		7.8 - 26.7
		Day 29	2020-07-30 08:34 (35)	11.8		7.8 - 26.7
		Day 57	2020-08-25 07:50 (27)	16.7		7.8 - 26.7
US2051063	Alanine Aminotransferase (U/L)	Screening	2020-06-16 15:41 (-14)	16		10 - 40
		Day 29	2020-07-28 09:42 (29)	17		10 - 40

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051063	Alanine Aminotransferase (U/L)	Day 57	2020-08-25 09:55 (29)	16		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-16 15:41 (-14)	52		43 - 115
		Day 29	2020-07-28 09:42 (29)	50		43 - 115
		Day 57	2020-08-25 09:55 (29)	50		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-16 15:41 (-14)	24		10 - 43
		Day 29	2020-07-28 09:42 (29)	24		10 - 43
		Day 57	2020-08-25 09:55 (29)	21		10 - 43
	Bilirubin (umol/L)	Screening	2020-06-16 15:41 (-14)	8.0		- 18.8
		Day 29	2020-07-28 09:42 (29)	12.0		- 18.8
		Day 57	2020-08-25 09:55 (29)	7.9		- 18.8
	Creatinine (umol/L)	Screening	2020-06-16 15:41 (-14)	106		62 - 124
		Day 29	2020-07-28 09:42 (29)	88		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051063	Creatinine (umol/L)	Day 57	2020-08-25 09:55 (29)	80		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-16 15:41 (-14)	<3.4		0 - 6.8
		Day 29	2020-07-28 09:42 (29)	<3.4		0 - 6.8
		Day 57	2020-08-25 09:55 (29)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-16 15:41 (-14)	4.28		1.78 - 7.14
		Day 29	2020-07-28 09:42 (29)	4.28		1.78 - 7.14
		Day 57	2020-08-25 09:55 (29)	5.00		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-16 15:41 (-14)	10.0		7.8 - 26.7
		Day 29	2020-07-28 09:42 (29)	12.0		7.8 - 26.7
		Day 57	2020-08-25 09:55 (29)	15.6		7.8 - 26.7
US2051072	Alanine Aminotransferase (U/L)	Screening	2020-06-19 09:12 (-17)	18		10 - 40
		Day 29	2020-08-03 08:49 (29)	17		10 - 40

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051072	Alanine Aminotransferase (U/L)	Day 57	2020-09-21 08:41 (50)	20		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-19 09:12 (-17)	86		43 - 115
		Day 29	2020-08-03 08:49 (29)	73		43 - 115
		Day 57	2020-09-21 08:41 (50)	88		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-19 09:12 (-17)	20		10 - 43
		Day 29	2020-08-03 08:49 (29)	24		10 - 43
		Day 57	2020-09-21 08:41 (50)	18		10 - 43
	Bilirubin (umol/L)	Screening	2020-06-19 09:12 (-17)	5.0		- 18.8
		Day 29	2020-08-03 08:49 (29)	7.7		- 18.8
		Day 57	2020-09-21 08:41 (50)	6.5		- 18.8
	Creatinine (umol/L)	Screening	2020-06-19 09:12 (-17)	80		62 - 124
		Day 29	2020-08-03 08:49 (29)	71		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051072	Creatinine (umol/L)	Day 57	2020-09-21 08:41 (50)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-19 09:12 (-17)	<3.4		0 - 6.8
		Day 29	2020-08-03 08:49 (29)	<3.4		0 - 6.8
		Day 57	2020-09-21 08:41 (50)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-19 09:12 (-17)	6.43		1.78 - 7.14
		Day 29	2020-08-03 08:49 (29)	7.14		1.78 - 7.14
		Day 57	2020-09-21 08:41 (50)	6.43		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-19 09:12 (-17)	20.0		7.8 - 26.7
		Day 29	2020-08-03 08:49 (29)	25.0		7.8 - 26.7
		Day 57	2020-09-21 08:41 (50)	22.5		7.8 - 26.7
US2051073	Alanine Aminotransferase (U/L)	Screening	2020-06-19 10:16 (-17)	13		10 - 33
		Day 29	2020-08-05 11:19 (31)	13		10 - 33

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051073	Alanine Aminotransferase (U/L)	Day 57	2020-08-31 12:19 (27)	14		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-19 10:16 (-17)	62		30 - 115
		Day 29	2020-08-05 11:19 (31)	67		30 - 115
		Day 57	2020-08-31 12:19 (27)	69		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-19 10:16 (-17)	20		10 - 36
		Day 29	2020-08-05 11:19 (31)	19		10 - 36
		Day 57	2020-08-31 12:19 (27)	19		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-19 10:16 (-17)	5.0		- 18.8
		Day 29	2020-08-05 11:19 (31)	5.5		- 18.8
		Day 57	2020-08-31 12:19 (27)	4.3		- 18.8
	Creatinine (umol/L)	Screening	2020-06-19 10:16 (-17)	71		62 - 124
		Day 29	2020-08-05 11:19 (31)	62		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051073	Creatinine (umol/L)	Day 57	2020-08-31 12:19 (27)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-19 10:16 (-17)	<3.4		0 - 6.8
		Day 29	2020-08-05 11:19 (31)	<3.4		0 - 6.8
		Day 57	2020-08-31 12:19 (27)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-19 10:16 (-17)	68.6 (H)		1.7 - 21.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-19 10:16 (-17)	4.28		1.78 - 7.14
		Day 29	2020-08-05 11:19 (31)	5.35		1.78 - 7.14
		Day 57	2020-08-31 12:19 (27)	7.50 (H)		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-19 10:16 (-17)	15.0		7.8 - 26.7
		Day 29	2020-08-05 11:19 (31)	21.4		7.8 - 26.7
		Day 57	2020-08-31 12:19 (27)	30.0 (H)		7.8 - 26.7
US2051086	Alanine Aminotransferase (U/L)	Screening	2020-06-24 15:28 (-12)	17		10 - 40

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051086	Alanine Aminotransferase (U/L)	Day 29	2020-08-04 11:16 (30)	19		10 - 40
		Day 57	2020-09-03 11:01 (31)	19		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-24 15:28 (-12)	65		43 - 115
		Day 29	2020-08-04 11:16 (30)	65		43 - 115
		Day 57	2020-09-03 11:01 (31)	64		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-24 15:28 (-12)	23		10 - 43
		Day 29	2020-08-04 11:16 (30)	17		10 - 43
		Day 57	2020-09-03 11:01 (31)	19		10 - 43
	Bilirubin (umol/L)	Screening	2020-06-24 15:28 (-12)	5.8		- 18.8
		Day 29	2020-08-04 11:16 (30)	6.8		- 18.8
		Day 57	2020-09-03 11:01 (31)	6.3		- 18.8
	Creatinine (umol/L)	Screening	2020-06-24 15:28 (-12)	97		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051086	Creatinine (umol/L)	Day 29	2020-08-04 11:16 (30)	88		62 - 124
		Day 57	2020-09-03 11:01 (31)	97		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-24 15:28 (-12)	<3.4		0 - 6.8
		Day 29	2020-08-04 11:16 (30)	<3.4		0 - 6.8
		Day 57	2020-09-03 11:01 (31)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-24 15:28 (-12)	6.43		1.78 - 7.14
		Day 29	2020-08-04 11:16 (30)	6.07		1.78 - 7.14
		Day 57	2020-09-03 11:01 (31)	5.71		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-24 15:28 (-12)	16.4		7.8 - 26.7
		Day 29	2020-08-04 11:16 (30)	17.0		7.8 - 26.7
		Day 57	2020-09-03 11:01 (31)	14.5		7.8 - 26.7
US2051087	Alanine Aminotransferase (U/L)	Screening	2020-06-25 09:20 (-11)	17		10 - 33

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051087	Alanine Aminotransferase (U/L)	Day 29	2020-08-04 08:30 (30)	14		10 - 33
		Day 57	2020-09-08 09:41 (36)	16		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-25 09:20 (-11)	41		30 - 115
		Day 29	2020-08-04 08:30 (30)	39		30 - 115
		Day 57	2020-09-08 09:41 (36)	40		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-25 09:20 (-11)	22		10 - 36
		Day 29	2020-08-04 08:30 (30)	22		10 - 36
		Day 57	2020-09-08 09:41 (36)	20		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-25 09:20 (-11)	8.4		- 18.8
		Day 29	2020-08-04 08:30 (30)	5.3		- 18.8
		Day 57	2020-09-08 09:41 (36)	3.9		- 18.8
	Creatinine (umol/L)	Screening	2020-06-25 09:20 (-11)	80		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051087	Creatinine (umol/L)	Day 29	2020-08-04 08:30 (30)	71		62 - 124
		Day 57	2020-09-08 09:41 (36)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-25 09:20 (-11)	<3.4		0 - 6.8
		Day 29	2020-08-04 08:30 (30)	<3.4		0 - 6.8
		Day 57	2020-09-08 09:41 (36)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-25 09:20 (-11)	59.8 (H)		1.7 - 21.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-25 09:20 (-11)	5.00		1.78 - 7.14
		Day 29	2020-08-04 08:30 (30)	4.64		1.78 - 7.14
		Day 57	2020-09-08 09:41 (36)	5.35		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-25 09:20 (-11)	15.6		7.8 - 26.7
		Day 29	2020-08-04 08:30 (30)	16.2		7.8 - 26.7
		Day 57	2020-09-08 09:41 (36)	18.8		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051089	Alanine Aminotransferase (U/L)	Screening	2020-06-25 11:26 (-7)	11		10 - 33
		Day 29	2020-07-30 10:14 (29)	15		10 - 33
		Day 57	2020-08-28 09:01 (30)	18		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-25 11:26 (-7)	76		30 - 115
		Day 29	2020-07-30 10:14 (29)	80		30 - 115
		Day 57	2020-08-28 09:01 (30)	71		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-25 11:26 (-7)	22		10 - 36
		Day 29	2020-07-30 10:14 (29)	20		10 - 36
		Day 57	2020-08-28 09:01 (30)	25		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-25 11:26 (-7)	9.1		- 18.8
		Day 29	2020-07-30 10:14 (29)	9.7		- 18.8
		Day 57	2020-08-28 09:01 (30)	7.5		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051089	Creatinine (umol/L)	Screening	2020-06-25 11:26 (-7)	53 (L)		62 - 124
		Day 29	2020-07-30 10:14 (29)	53 (L)		62 - 124
		Day 57	2020-08-28 09:01 (30)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-25 11:26 (-7)	<3.4		0 - 6.8
		Day 29	2020-07-30 10:14 (29)	<3.4		0 - 6.8
		Day 57	2020-08-28 09:01 (30)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-25 11:26 (-7)	62.5 (H)		1.7 - 21.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-25 11:26 (-7)	3.21		1.78 - 7.14
		Day 29	2020-07-30 10:14 (29)	3.57		1.78 - 7.14
		Day 57	2020-08-28 09:01 (30)	3.93		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-25 11:26 (-7)	15.0		7.8 - 26.7
		Day 29	2020-07-30 10:14 (29)	16.7		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051089	Urea Nitrogen/Creatinine	Day 57	2020-08-28 09:01 (30)	18.3		7.8 - 26.7
US2051098	Alanine Aminotransferase (U/L)	Screening	2020-06-29 14:42 (-7)	16		10 - 33
		Day 29	2020-08-05 09:14 (31)	17		10 - 33
		Day 57	2020-09-08 10:27 (35)	15		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-29 14:42 (-7)	63		30 - 115
		Day 29	2020-08-05 09:14 (31)	58		30 - 115
		Day 57	2020-09-08 10:27 (35)	58		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-29 14:42 (-7)	24		10 - 36
		Day 29	2020-08-05 09:14 (31)	29		10 - 36
		Day 57	2020-09-08 10:27 (35)	25		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-29 14:42 (-7)	6.0		- 18.8
		Day 29	2020-08-05 09:14 (31)	9.2		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051098	Bilirubin (umol/L)	Day 57	2020-09-08 10:27 (35)	6.8		- 18.8
	Creatinine (umol/L)	Screening	2020-06-29 14:42 (-7)	71		62 - 124
		Day 29	2020-08-05 09:14 (31)	80		62 - 124
		Day 57	2020-09-08 10:27 (35)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-29 14:42 (-7)	<3.4		0 - 6.8
		Day 29	2020-08-05 09:14 (31)	<3.4		0 - 6.8
		Day 57	2020-09-08 10:27 (35)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-29 14:42 (-7)	81.9 (H)		1.7 - 21.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-29 14:42 (-7)	3.21		1.78 - 7.14
		Day 29	2020-08-05 09:14 (31)	5.00		1.78 - 7.14
		Day 57	2020-09-08 10:27 (35)	5.35		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-29 14:42 (-7)	11.2		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051098	Urea Nitrogen/Creatinine	Day 29	2020-08-05 09:14 (31)	15.6		7.8 - 26.7
		Day 57	2020-09-08 10:27 (35)	18.8		7.8 - 26.7
US2051112	Alanine Aminotransferase (U/L)	Screening	2020-07-01 13:42 (-5)	10		10 - 33
		Day 29	2020-08-03 11:54 (29)	9 (L)		10 - 33
		Day 57	2020-08-31 14:02 (29)	11		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-07-01 13:42 (-5)	40		30 - 115
		Day 29	2020-08-03 11:54 (29)	39		30 - 115
		Day 57	2020-08-31 14:02 (29)	37		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-07-01 13:42 (-5)	19		10 - 36
		Day 29	2020-08-03 11:54 (29)	15		10 - 36
		Day 57	2020-08-31 14:02 (29)	15		10 - 36
	Bilirubin (umol/L)	Screening	2020-07-01 13:42 (-5)	5.5		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051112	Bilirubin (umol/L)	Day 29	2020-08-03 11:54 (29)	5.0		- 18.8
		Day 57	2020-08-31 14:02 (29)	5.3		- 18.8
	Creatinine (umol/L)	Screening	2020-07-01 13:42 (-5)	62		62 - 124
		Day 29	2020-08-03 11:54 (29)	62		62 - 124
		Day 57	2020-08-31 14:02 (29)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-07-01 13:42 (-5)	<3.4		0 - 6.8
		Day 29	2020-08-03 11:54 (29)	<3.4		0 - 6.8
		Day 57	2020-08-31 14:02 (29)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-07-01 13:42 (-5)	90.9 (H)		1.7 - 21.5
	Urea Nitrogen (mmol/L)	Screening	2020-07-01 13:42 (-5)	2.86		1.78 - 7.14
		Day 29	2020-08-03 11:54 (29)	5.71		1.78 - 7.14
		Day 57	2020-08-31 14:02 (29)	5.35		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051112	Urea Nitrogen/Creatinine	Screening	2020-07-01 13:42 (-5)	11.4		7.8 - 26.7
		Day 29	2020-08-03 11:54 (29)	22.9		7.8 - 26.7
		Day 57	2020-08-31 14:02 (29)	18.8		7.8 - 26.7
US2061035	Alanine Aminotransferase (U/L)	Screening	2020-06-09 10:14 (-17)	13		10 - 40
		Day 29	2020-07-20 09:20 (25)	9 (L)		10 - 40
		Day 57	2020-08-18 09:19 (30)	16		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-09 10:14 (-17)	95		43 - 115
		Day 29	2020-07-20 09:20 (25)	92		43 - 115
		Day 57	2020-08-18 09:19 (30)	96		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-09 10:14 (-17)	19		10 - 43
		Day 29	2020-07-20 09:20 (25)	16		10 - 43
		Day 57	2020-08-18 09:19 (30)	19		10 - 43

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061035	Bilirubin (umol/L)	Screening	2020-06-09 10:14 (-17)	3.8		- 18.8
		Day 29	2020-07-20 09:20 (25)	6.0		- 18.8
		Day 57	2020-08-18 09:19 (30)	7.4		- 18.8
	Creatinine (umol/L)	Screening	2020-06-09 10:14 (-17)	80		62 - 124
		Day 29	2020-07-20 09:20 (25)	80		62 - 124
		Day 57	2020-08-18 09:19 (30)	88		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-09 10:14 (-17)	<3.4		0 - 6.8
		Day 29	2020-07-20 09:20 (25)	<3.4		0 - 6.8
		Day 57	2020-08-18 09:19 (30)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-09 10:14 (-17)	5.35		1.78 - 7.14
		Day 29	2020-07-20 09:20 (25)	4.28		1.78 - 7.14
		Day 57	2020-08-18 09:19 (30)	5.35		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061035	Urea Nitrogen/Creatinine	Screening	2020-06-09 10:14 (-17)	16.7		7.8 - 26.7
		Day 29	2020-07-20 09:20 (25)	13.3		7.8 - 26.7
		Day 57	2020-08-18 09:19 (30)	15.0		7.8 - 26.7
US2061043	Alanine Aminotransferase (U/L)	Screening	2020-06-10 13:48 (-19)	31		10 - 33
		Day 29	2020-07-27 13:35 (29)	22		10 - 33
		Day 57	2020-08-21 10:47 (26)	35 (H)		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-10 13:48 (-19)	93		30 - 115
		Day 29	2020-07-27 13:35 (29)	88		30 - 115
		Day 57	2020-08-21 10:47 (26)	96		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-10 13:48 (-19)	35		10 - 36
		Day 29	2020-07-27 13:35 (29)	26		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061043	Aspartate Aminotransferase (U/L)	Day 57	2020-08-21 10:47 (26)	43 (H)	G1 Aspartate Aminotransferase Increased	10 - 36
	Bilirubin (umol/L)	Screening	2020-06-10 13:48 (-19)	6.2		- 18.8
		Day 29	2020-07-27 13:35 (29)	4.3		- 18.8
		Day 57	2020-08-21 10:47 (26)	10.3		- 18.8
	Creatinine (umol/L)	Screening	2020-06-10 13:48 (-19)	53 (L)		62 - 124
		Day 29	2020-07-27 13:35 (29)	53 (L)		62 - 124
		Day 57	2020-08-21 10:47 (26)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-10 13:48 (-19)	<3.4		0 - 6.8
		Day 29	2020-07-27 13:35 (29)	<3.4		0 - 6.8
		Day 57	2020-08-21 10:47 (26)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-10 13:48 (-19)	51.9 (H)		1.7 - 21.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-10 13:48 (-19)	5.71		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061043	Urea Nitrogen (mmol/L)	Day 29	2020-07-27 13:35 (29)	5.71		1.78 - 7.14
		Day 57	2020-08-21 10:47 (26)	3.93		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-10 13:48 (-19)	26.7		7.8 - 26.7
		Day 29	2020-07-27 13:35 (29)	26.7		7.8 - 26.7
		Day 57	2020-08-21 10:47 (26)	18.3		7.8 - 26.7
US2061046	Alanine Aminotransferase (U/L)	Screening	2020-06-11 10:47 (-18)	14		10 - 33
		Day 29	2020-07-27 08:28 (29)	11		10 - 33
		Day 57	2020-08-24 08:30 (29)	13		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-11 10:47 (-18)	77		30 - 115
		Day 29	2020-07-27 08:28 (29)	70		30 - 115
		Day 57	2020-08-24 08:30 (29)	70		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-11 10:47 (-18)	16		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061046	Aspartate Aminotransferase (U/L)	Day 29	2020-07-27 08:28 (29)	15		10 - 36
		Day 57	2020-08-24 08:30 (29)	13		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-11 10:47 (-18)	3.9		- 18.8
		Day 29	2020-07-27 08:28 (29)	2.6		- 18.8
		Day 57	2020-08-24 08:30 (29)	3.6		- 18.8
	Creatinine (umol/L)	Screening	2020-06-11 10:47 (-18)	53 (L)		62 - 124
		Day 29	2020-07-27 08:28 (29)	53 (L)		62 - 124
		Day 57	2020-08-24 08:30 (29)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-11 10:47 (-18)	<3.4		0 - 6.8
		Day 29	2020-07-27 08:28 (29)	<3.4		0 - 6.8
		Day 57	2020-08-24 08:30 (29)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-11 10:47 (-18)	63.9 (H)		1.7 - 21.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061046	Urea Nitrogen (mmol/L)	Screening	2020-06-11 10:47 (-18)	3.93		1.78 - 7.14
		Day 29	2020-07-27 08:28 (29)	3.93		1.78 - 7.14
		Day 57	2020-08-24 08:30 (29)	3.93		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-11 10:47 (-18)	18.3		7.8 - 26.7
		Day 29	2020-07-27 08:28 (29)	18.3		7.8 - 26.7
		Day 57	2020-08-24 08:30 (29)	13.8		7.8 - 26.7
US2061051	Alanine Aminotransferase (U/L)	Screening	2020-06-15 11:10 (-15)	12		10 - 33
		Day 29	2020-07-30 15:22 (31)	13		10 - 33
		Day 57	2020-08-24 08:27 (26)	17		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-15 11:10 (-15)	49		30 - 115
		Day 29	2020-07-30 15:22 (31)	49		30 - 115
		Day 57	2020-08-24 08:27 (26)	46		30 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061051	Aspartate Aminotransferase (U/L)	Screening	2020-06-15 11:10 (-15)	21		10 - 36
		Day 29	2020-07-30 15:22 (31)	21		10 - 36
		Day 57	2020-08-24 08:27 (26)	23		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-15 11:10 (-15)	3.6		- 18.8
		Day 29	2020-07-30 15:22 (31)	4.4		- 18.8
		Day 57	2020-08-24 08:27 (26)	4.3		- 18.8
	Creatinine (umol/L)	Screening	2020-06-15 11:10 (-15)	44 (L)		62 - 124
		Day 29	2020-07-30 15:22 (31)	53 (L)		62 - 124
		Day 57	2020-08-24 08:27 (26)	44 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-15 11:10 (-15)	<3.4		0 - 6.8
		Day 29	2020-07-30 15:22 (31)	<3.4		0 - 6.8
		Day 57	2020-08-24 08:27 (26)	<3.4		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061051	Urea Nitrogen (mmol/L)	Screening	2020-06-15 11:10 (-15)	6.78		1.78 - 7.14
		Day 29	2020-07-30 15:22 (31)	4.64		1.78 - 7.14
		Day 57	2020-08-24 08:27 (26)	5.00		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-15 11:10 (-15)	38.0 (H)		7.8 - 26.7
		Day 29	2020-07-30 15:22 (31)	21.7		7.8 - 26.7
		Day 57	2020-08-24 08:27 (26)	28.0 (H)		7.8 - 26.7
US2061055	Alanine Aminotransferase (U/L)	Screening	2020-06-16 11:22 (-14)	21		10 - 33
		Day 29	2020-07-28 08:30 (29)	25		10 - 33
		Day 57	2020-08-24 09:30 (28)	17		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-16 11:22 (-14)	70		30 - 115
		Day 29	2020-07-28 08:30 (29)	61		30 - 115
		Day 57	2020-08-24 09:30 (28)	69		30 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061055	Aspartate Aminotransferase (U/L)	Screening	2020-06-16 11:22 (-14)	19		10 - 36
		Day 29	2020-07-28 08:30 (29)	20		10 - 36
		Day 57	2020-08-24 09:30 (28)	17		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-16 11:22 (-14)	7.2		- 18.8
		Day 29	2020-07-28 08:30 (29)	6.5		- 18.8
		Day 57	2020-08-24 09:30 (28)	8.9		- 18.8
	Creatinine (umol/L)	Screening	2020-06-16 11:22 (-14)	71		62 - 124
		Day 29	2020-07-28 08:30 (29)	71		62 - 124
		Day 57	2020-08-24 09:30 (28)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-16 11:22 (-14)	<3.4		0 - 6.8
		Day 29	2020-07-28 08:30 (29)	<3.4		0 - 6.8
		Day 57	2020-08-24 09:30 (28)	<3.4		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061055	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-16 11:22 (-14)	84.6 (H)		1.7 - 21.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-16 11:22 (-14)	5.71		1.78 - 7.14
		Day 29	2020-07-28 08:30 (29)	5.35		1.78 - 7.14
		Day 57	2020-08-24 09:30 (28)	6.07		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-16 11:22 (-14)	20.0		7.8 - 26.7
		Day 29	2020-07-28 08:30 (29)	18.8		7.8 - 26.7
		Day 57	2020-08-24 09:30 (28)	24.3		7.8 - 26.7
US2071005	Alanine Aminotransferase (U/L)	Screening	2020-05-25 10:32 (-8)	12		10 - 33
		Day 29	2020-07-06 14:27 (35)	14		10 - 33
		Day 57	2020-07-31 08:55 (26)	11		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-25 10:32 (-8)	118 (H)		30 - 115
		Day 29	2020-07-06 14:27 (35)	111		30 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071005	Alkaline Phosphatase (U/L)	Day 57	2020-07-31 08:55 (26)	91		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-25 10:32 (-8)	15		10 - 36
		Day 29	2020-07-06 14:27 (35)	10		10 - 36
		Day 57	2020-07-31 08:55 (26)	16		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-25 10:32 (-8)	4.3		- 18.8
		Day 29	2020-07-06 14:27 (35)	<2.6		- 18.8
		Day 57	2020-07-31 08:55 (26)	5.5		- 18.8
	Creatinine (umol/L)	Screening	2020-05-25 10:32 (-8)	44 (L)		62 - 124
		Day 29	2020-07-06 14:27 (35)	53 (L)		62 - 124
		Day 57	2020-07-31 08:55 (26)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-25 10:32 (-8)	<3.4		0 - 6.8
		Day 29	2020-07-06 14:27 (35)	<3.4		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071005	Direct Bilirubin (umol/L)	Day 57	2020-07-31 08:55 (26)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-25 10:32 (-8)	5.35		1.78 - 7.14
		Day 29	2020-07-06 14:27 (35)	6.43		1.78 - 7.14
		Day 57	2020-07-31 08:55 (26)	7.14		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-25 10:32 (-8)	30.0 (H)		7.8 - 26.7
		Day 29	2020-07-06 14:27 (35)	30.0 (H)		7.8 - 26.7
		Day 57	2020-07-31 08:55 (26)	28.6 (H)		7.8 - 26.7
US2071041	Alanine Aminotransferase (U/L)	Screening	2020-05-28 11:28 (-5)	27		10 - 40
		Day 29	2020-07-02 08:28 (31)	19		10 - 40
		Day 57	2020-07-28 08:42 (27)	19		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-05-28 11:28 (-5)	68		43 - 115
		Day 29	2020-07-02 08:28 (31)	61		43 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071041	Alkaline Phosphatase (U/L)	Day 57	2020-07-28 08:42 (27)	62		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-28 11:28 (-5)	30		10 - 43
		Day 29	2020-07-02 08:28 (31)	25		10 - 43
		Day 57	2020-07-28 08:42 (27)	23		10 - 43
	Bilirubin (umol/L)	Screening	2020-05-28 11:28 (-5)	9.6		- 18.8
		Day 29	2020-07-02 08:28 (31)	9.1		- 18.8
		Day 57	2020-07-28 08:42 (27)	4.6		- 18.8
	Creatinine (umol/L)	Screening	2020-05-28 11:28 (-5)	80		62 - 124
		Day 29	2020-07-02 08:28 (31)	71		62 - 124
		Day 57	2020-07-28 08:42 (27)	88		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-28 11:28 (-5)	<3.4		0 - 6.8
		Day 29	2020-07-02 08:28 (31)	<3.4		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071041	Direct Bilirubin (umol/L)	Day 57	2020-07-28 08:42 (27)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-28 11:28 (-5)	6.43		1.78 - 7.14
		Day 29	2020-07-02 08:28 (31)	8.21 (H)	G1 Blood Urea Nitrogen Increased	1.78 - 7.14
		Day 57	2020-07-28 08:42 (27)	5.00		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-28 11:28 (-5)	20.0		7.8 - 26.7
		Day 29	2020-07-02 08:28 (31)	28.8 (H)		7.8 - 26.7
		Day 57	2020-07-28 08:42 (27)	14.0		7.8 - 26.7
US2071084	Alanine Aminotransferase (U/L)	Screening	2020-06-15 11:12 (-11)	17		10 - 40
		Day 29	2020-07-27 10:33 (32)	17		10 - 40
		Unscheduled	2020-07-28 (33)	18		10 - 40
		Day 57	2020-08-24 08:30 (29)	19		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-15 11:12 (-11)	70		43 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071084	Alkaline Phosphatase (U/L)	Day 29	2020-07-27 10:33 (32)	67		43 - 115
		Unscheduled	2020-07-28 (33)	69		43 - 115
		Day 57	2020-08-24 08:30 (29)	71		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-15 11:12 (-11)	14		10 - 43
		Day 29	2020-07-27 10:33 (32)	15		10 - 43
		Unscheduled	2020-07-28 (33)	17		10 - 43
		Day 57	2020-08-24 08:30 (29)	19		10 - 43
	Bilirubin (umol/L)	Screening	2020-06-15 11:12 (-11)	6.2		- 18.8
		Day 29	2020-07-27 10:33 (32)	3.9		- 18.8
		Unscheduled	2020-07-28 (33)	2.9		- 18.8
		Day 57	2020-08-24 08:30 (29)	5.3		- 18.8
	Creatinine (umol/L)	Screening	2020-06-15 11:12 (-11)	71		62 - 124
		Day 29	2020-07-27 10:33 (32)	62		62 - 124
		Unscheduled	2020-07-28 (33)	71		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071084	Creatinine (umol/L)	Day 57	2020-08-24 08:30 (29)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-15 11:12 (-11)	<3.4		0 - 6.8
		Day 29	2020-07-27 10:33 (32)	<3.4		0 - 6.8
		Unscheduled	2020-07-28 (33)	<3.4		0 - 6.8
		Day 57	2020-08-24 08:30 (29)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-15 11:12 (-11)	6.07		1.78 - 7.14
		Day 29	2020-07-27 10:33 (32)	7.50 (H)		1.78 - 7.14
		Unscheduled	2020-07-28 (33)	6.07		1.78 - 7.14
		Day 57	2020-08-24 08:30 (29)	6.43		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-15 11:12 (-11)	21.2		7.8 - 26.7
		Day 29	2020-07-27 10:33 (32)	30.0 (H)		7.8 - 26.7
		Unscheduled	2020-07-28 (33)	21.2		7.8 - 26.7
		Day 57	2020-08-24 08:30 (29)	22.5		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071085	Alanine Aminotransferase (U/L)	Screening	2020-06-17 11:59 (-9)	15		10 - 33
		Day 57	2020-08-24 14:38 (28)	15		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-17 11:59 (-9)	74		30 - 115
		Day 57	2020-08-24 14:38 (28)	75		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-17 11:59 (-9)	19		10 - 36
		Day 57	2020-08-24 14:38 (28)	16		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-17 11:59 (-9)	5.0		- 18.8
		Day 57	2020-08-24 14:38 (28)	4.8		- 18.8
	Creatinine (umol/L)	Screening	2020-06-17 11:59 (-9)	71		62 - 124
		Day 57	2020-08-24 14:38 (28)	80		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-17 11:59 (-9)	<3.4		0 - 6.8
		Day 57	2020-08-24 14:38 (28)	<3.4		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071085	Urea Nitrogen (mmol/L)	Screening	2020-06-17 11:59 (-9)	5.71		1.78 - 7.14
		Day 57	2020-08-24 14:38 (28)	6.43		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-17 11:59 (-9)	20.0		7.8 - 26.7
		Day 57	2020-08-24 14:38 (28)	20.0		7.8 - 26.7
US2071086	Alanine Aminotransferase (U/L)	Screening	2020-06-18 09:52 (-8)	14		10 - 40
		Day 29	2020-07-29 09:53 (34)	15		10 - 40
		Day 57	2020-08-24 09:35 (27)	20		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-18 09:52 (-8)	88		43 - 115
		Day 29	2020-07-29 09:53 (34)	85		43 - 115
		Day 57	2020-08-24 09:35 (27)	90		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-18 09:52 (-8)	18		10 - 43
		Day 29	2020-07-29 09:53 (34)	18		10 - 43

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071086	Aspartate Aminotransferase (U/L)	Day 57	2020-08-24 09:35 (27)	18		10 - 43
	Bilirubin (umol/L)	Screening	2020-06-18 09:52 (-8)	12.5		- 18.8
		Day 29	2020-07-29 09:53 (34)	5.5		- 18.8
		Day 57	2020-08-24 09:35 (27)	8.6		- 18.8
	Creatinine (umol/L)	Screening	2020-06-18 09:52 (-8)	88		62 - 124
		Day 29	2020-07-29 09:53 (34)	80		62 - 124
		Day 57	2020-08-24 09:35 (27)	88		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-18 09:52 (-8)	<3.4		0 - 6.8
		Day 29	2020-07-29 09:53 (34)	<3.4		0 - 6.8
		Day 57	2020-08-24 09:35 (27)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-18 09:52 (-8)	7.50 (H)		1.78 - 7.14
		Day 29	2020-07-29 09:53 (34)	7.85 (H)		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071086	Urea Nitrogen (mmol/L)	Day 57	2020-08-24 09:35 (27)	6.78		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-18 09:52 (-8)	21.0		7.8 - 26.7
		Day 29	2020-07-29 09:53 (34)	24.4		7.8 - 26.7
		Day 57	2020-08-24 09:35 (27)	19.0		7.8 - 26.7
US2071088	Alanine Aminotransferase (U/L)	Screening	2020-06-18 13:45 (-8)	14		10 - 40
		Day 29	2020-07-27 11:25 (32)	13		10 - 40
		Day 57	2020-08-24 10:51 (29)	10		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-18 13:45 (-8)	101		43 - 115
		Day 29	2020-07-27 11:25 (32)	94		43 - 115
		Day 57	2020-08-24 10:51 (29)	95		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-18 13:45 (-8)	24		10 - 43
		Day 29	2020-07-27 11:25 (32)	14		10 - 43

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071088	Aspartate Aminotransferase (U/L)	Day 57	2020-08-24 10:51 (29)	13		10 - 43
	Bilirubin (umol/L)	Screening	2020-06-18 13:45 (-8)	6.7		- 18.8
		Day 29	2020-07-27 11:25 (32)	3.9		- 18.8
		Day 57	2020-08-24 10:51 (29)	5.3		- 18.8
	Creatinine (umol/L)	Screening	2020-06-18 13:45 (-8)	71		62 - 124
		Day 29	2020-07-27 11:25 (32)	88		62 - 124
		Day 57	2020-08-24 10:51 (29)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-18 13:45 (-8)	<3.4		0 - 6.8
		Day 29	2020-07-27 11:25 (32)	<3.4		0 - 6.8
		Day 57	2020-08-24 10:51 (29)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-18 13:45 (-8)	6.43		1.78 - 7.14
		Day 29	2020-07-27 11:25 (32)	6.43		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071088	Urea Nitrogen (mmol/L)	Day 57	2020-08-24 10:51 (29)	5.71		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-18 13:45 (-8)	22.5		7.8 - 26.7
		Day 29	2020-07-27 11:25 (32)	18.0		7.8 - 26.7
		Day 57	2020-08-24 10:51 (29)	22.9		7.8 - 26.7
US2071092	Alanine Aminotransferase (U/L)	Screening	2020-06-19 14:41 (-7)	24		10 - 33
		Day 29	2020-07-21 09:48 (26)	35 (H)		10 - 33
		Day 57	2020-08-19 10:28 (30)	30		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-19 14:41 (-7)	73		30 - 115
		Day 29	2020-07-21 09:48 (26)	64		30 - 115
		Day 57	2020-08-19 10:28 (30)	69		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-19 14:41 (-7)	29		10 - 36
		Day 29	2020-07-21 09:48 (26)	38 (H)		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071092	Aspartate Aminotransferase (U/L)	Day 57	2020-08-19 10:28 (30)	33		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-19 14:41 (-7)	5.8		- 18.8
		Day 29	2020-07-21 09:48 (26)	6.3		- 18.8
		Day 57	2020-08-19 10:28 (30)	8.7		- 18.8
	Creatinine (umol/L)	Screening	2020-06-19 14:41 (-7)	97		62 - 124
		Day 29	2020-07-21 09:48 (26)	53 (L)		62 - 124
		Day 57	2020-08-19 10:28 (30)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-19 14:41 (-7)	<3.4		0 - 6.8
		Day 29	2020-07-21 09:48 (26)	<3.4		0 - 6.8
		Day 57	2020-08-19 10:28 (30)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-19 14:41 (-7)	6.07		1.78 - 7.14
		Day 29	2020-07-21 09:48 (26)	5.00		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071092	Urea Nitrogen (mmol/L)	Day 57	2020-08-19 10:28 (30)	6.07		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-19 14:41 (-7)	15.5		7.8 - 26.7
		Day 29	2020-07-21 09:48 (26)	23.3		7.8 - 26.7
		Day 57	2020-08-19 10:28 (30)	28.3 (H)		7.8 - 26.7
US2071094	Alanine Aminotransferase (U/L)	Screening	2020-06-22 11:21 (-14)	15		10 - 33
		Day 29	2020-08-04 12:15 (30)	12		10 - 33
		Day 57	2020-08-31 15:05 (28)	8 (L)		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-22 11:21 (-14)	82		30 - 115
		Day 29	2020-08-04 12:15 (30)	74		30 - 115
		Day 57	2020-08-31 15:05 (28)	67		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-22 11:21 (-14)	17		10 - 36
		Day 29	2020-08-04 12:15 (30)	25		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071094	Aspartate Aminotransferase (U/L)	Day 57	2020-08-31 15:05 (28)	13		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-22 11:21 (-14)	6.5		- 18.8
		Day 29	2020-08-04 12:15 (30)	3.6		- 18.8
		Day 57	2020-08-31 15:05 (28)	6.0		- 18.8
	Creatinine (umol/L)	Screening	2020-06-22 11:21 (-14)	80		62 - 124
		Day 29	2020-08-04 12:15 (30)	80		62 - 124
		Day 57	2020-08-31 15:05 (28)	80		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-22 11:21 (-14)	<3.4		0 - 6.8
		Day 29	2020-08-04 12:15 (30)	<3.4		0 - 6.8
		Day 57	2020-08-31 15:05 (28)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-22 11:21 (-14)	5.71		1.78 - 7.14
		Day 29	2020-08-04 12:15 (30)	6.07		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071094	Urea Nitrogen (mmol/L)	Day 57	2020-08-31 15:05 (28)	5.71		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-22 11:21 (-14)	17.8		7.8 - 26.7
		Day 29	2020-08-04 12:15 (30)	18.9		7.8 - 26.7
		Day 57	2020-08-31 15:05 (28)	17.8		7.8 - 26.7
US2071098	Alanine Aminotransferase (U/L)	Screening	2020-06-24 15:02 (-7)	19		10 - 33
		Day 57	2020-08-31 08:50 (27)	15		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-24 15:02 (-7)	114		30 - 115
		Day 57	2020-08-31 08:50 (27)	96		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-24 15:02 (-7)	16		10 - 36
		Day 57	2020-08-31 08:50 (27)	15		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-24 15:02 (-7)	9.9		- 18.8
		Day 57	2020-08-31 08:50 (27)	17.3		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071098	Creatinine (umol/L)	Screening	2020-06-24 15:02 (-7)	53 (L)		62 - 124
		Day 57	2020-08-31 08:50 (27)	35 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-24 15:02 (-7)	<3.4		0 - 6.8
		Day 57	2020-08-31 08:50 (27)	4.1		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-24 15:02 (-7)	7.14		1.78 - 7.14
		Day 57	2020-08-31 08:50 (27)	6.43		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-24 15:02 (-7)	33.3 (H)		7.8 - 26.7
		Day 57	2020-08-31 08:50 (27)	45.0 (H)		7.8 - 26.7
US2071100	Alanine Aminotransferase (U/L)	Screening	2020-06-25 10:25 (-11)	19		10 - 40
		Day 57	2020-09-03 10:49 (31)	23		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-25 10:25 (-11)	75		43 - 115
		Day 57	2020-09-03 10:49 (31)	65		43 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071100	Aspartate Aminotransferase (U/L)	Screening	2020-06-25 10:25 (-11)	22		10 - 43
		Day 57	2020-09-03 10:49 (31)	22		10 - 43
	Bilirubin (umol/L)	Screening	2020-06-25 10:25 (-11)	6.5		- 18.8
		Day 57	2020-09-03 10:49 (31)	8.4		- 18.8
	Creatinine (umol/L)	Screening	2020-06-25 10:25 (-11)	71		62 - 124
		Day 57	2020-09-03 10:49 (31)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-25 10:25 (-11)	<3.4		0 - 6.8
		Day 57	2020-09-03 10:49 (31)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-25 10:25 (-11)	3.93		1.78 - 7.14
		Day 57	2020-09-03 10:49 (31)	3.93		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-25 10:25 (-11)	13.8		7.8 - 26.7
		Day 57	2020-09-03 10:49 (31)	13.8		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071102	Alanine Aminotransferase (U/L)	Screening	2020-06-25 16:08 (-4)	24		10 - 33
		Day 29	2020-07-28 13:53 (30)	16		10 - 33
		Day 57	2020-08-24 14:00 (28)	26		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-25 16:08 (-4)	46		30 - 115
		Day 29	2020-07-28 13:53 (30)	47		30 - 115
		Day 57	2020-08-24 14:00 (28)	57		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-25 16:08 (-4)	20		10 - 36
		Day 29	2020-07-28 13:53 (30)	19		10 - 36
		Day 57	2020-08-24 14:00 (28)	22		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-25 16:08 (-4)	5.6		- 18.8
		Day 29	2020-07-28 13:53 (30)	5.0		- 18.8
		Day 57	2020-08-24 14:00 (28)	3.4		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071102	Creatinine (umol/L)	Screening	2020-06-25 16:08 (-4)	80		62 - 124
		Day 29	2020-07-28 13:53 (30)	71		62 - 124
		Day 57	2020-08-24 14:00 (28)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-25 16:08 (-4)	<3.4		0 - 6.8
		Day 29	2020-07-28 13:53 (30)	<3.4		0 - 6.8
		Day 57	2020-08-24 14:00 (28)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-25 16:08 (-4)	3.93		1.78 - 7.14
		Day 29	2020-07-28 13:53 (30)	3.93		1.78 - 7.14
		Day 57	2020-08-24 14:00 (28)	3.57		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-25 16:08 (-4)	12.2		7.8 - 26.7
		Day 29	2020-07-28 13:53 (30)	13.8		7.8 - 26.7
		Day 57	2020-08-24 14:00 (28)	14.3		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071103	Alanine Aminotransferase (U/L)	Screening	2020-06-26 15:16 (-6)	8 (L)		10 - 33
		Day 29	2020-08-06 09:08 (36)	8 (L)		10 - 33
		Day 57	2020-09-11 12:30 (37)	9 (L)		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-26 15:16 (-6)	58		30 - 115
		Day 29	2020-08-06 09:08 (36)	81		30 - 115
		Day 57	2020-09-11 12:30 (37)	53		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-26 15:16 (-6)	14		10 - 36
		Day 29	2020-08-06 09:08 (36)	24		10 - 36
		Day 57	2020-09-11 12:30 (37)	12		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-26 15:16 (-6)	2.7		- 18.8
		Day 29	2020-08-06 09:08 (36)	4.3		- 18.8
		Day 57	2020-09-11 12:30 (37)	4.6		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071103	Creatinine (umol/L)	Screening	2020-06-26 15:16 (-6)	62		62 - 124
		Day 29	2020-08-06 09:08 (36)	62		62 - 124
		Day 57	2020-09-11 12:30 (37)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-26 15:16 (-6)	<3.4		0 - 6.8
		Day 29	2020-08-06 09:08 (36)	<3.4		0 - 6.8
		Day 57	2020-09-11 12:30 (37)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-26 15:16 (-6)	3.57		1.78 - 7.14
		Day 29	2020-08-06 09:08 (36)	7.14		1.78 - 7.14
		Day 57	2020-09-11 12:30 (37)	2.86		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-26 15:16 (-6)	14.3		7.8 - 26.7
		Day 29	2020-08-06 09:08 (36)	28.6 (H)		7.8 - 26.7
		Day 57	2020-09-11 12:30 (37)	11.4		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071105	Alanine Aminotransferase (U/L)	Screening	2020-06-30 09:04 (-6)	15		10 - 40
		Day 29	2020-08-10 11:12 (36)	14		10 - 40
		Day 57	2020-09-09 12:41 (31)	14		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-30 09:04 (-6)	65		43 - 115
		Day 29	2020-08-10 11:12 (36)	72		43 - 115
		Day 57	2020-09-09 12:41 (31)	76		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-30 09:04 (-6)	18		10 - 43
		Day 29	2020-08-10 11:12 (36)	21		10 - 43
		Day 57	2020-09-09 12:41 (31)	16		10 - 43
	Bilirubin (umol/L)	Screening	2020-06-30 09:04 (-6)	11.3		- 18.8
		Day 29	2020-08-10 11:12 (36)	11.5		- 18.8
		Day 57	2020-09-09 12:41 (31)	10.8		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071105	Creatinine (umol/L)	Screening	2020-06-30 09:04 (-6)	71		62 - 124
		Day 29	2020-08-10 11:12 (36)	53 (L)		62 - 124
		Day 57	2020-09-09 12:41 (31)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-30 09:04 (-6)	<3.4		0 - 6.8
		Day 29	2020-08-10 11:12 (36)	<3.4		0 - 6.8
		Day 57	2020-09-09 12:41 (31)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-30 09:04 (-6)	3.93		1.78 - 7.14
		Day 29	2020-08-10 11:12 (36)	4.28		1.78 - 7.14
		Day 57	2020-09-09 12:41 (31)	5.71		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-30 09:04 (-6)	13.8		7.8 - 26.7
		Day 29	2020-08-10 11:12 (36)	20.0		7.8 - 26.7
		Day 57	2020-09-09 12:41 (31)	22.9		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081004	Alanine Aminotransferase (U/L)	Screening	2020-05-26 11:26 (-3)	19		10 - 33
		Day 29	2020-06-29 11:20 (32)	13		10 - 33
		Day 57	2020-07-27 10:12 (29)	13		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-26 11:26 (-3)	42		30 - 115
		Day 29	2020-06-29 11:20 (32)	41		30 - 115
		Day 57	2020-07-27 10:12 (29)	46		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-26 11:26 (-3)	14		10 - 36
		Day 29	2020-06-29 11:20 (32)	11		10 - 36
		Day 57	2020-07-27 10:12 (29)	16		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-26 11:26 (-3)	3.8		- 18.8
		Day 29	2020-06-29 11:20 (32)	3.1		- 18.8
		Day 57	2020-07-27 10:12 (29)	5.3		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081004	Creatinine (umol/L)	Screening	2020-05-26 11:26 (-3)	44 (L)		62 - 124
		Day 29	2020-06-29 11:20 (32)	53 (L)		62 - 124
		Day 57	2020-07-27 10:12 (29)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-26 11:26 (-3)	<3.4		0 - 6.8
		Day 29	2020-06-29 11:20 (32)	<3.4		0 - 6.8
		Day 57	2020-07-27 10:12 (29)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-26 11:26 (-3)	5.71		1.78 - 7.14
		Day 29	2020-06-29 11:20 (32)	4.64		1.78 - 7.14
		Day 57	2020-07-27 10:12 (29)	3.57		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-26 11:26 (-3)	32.0 (H)		7.8 - 26.7
		Day 29	2020-06-29 11:20 (32)	21.7		7.8 - 26.7
		Day 57	2020-07-27 10:12 (29)	14.3		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081005	Alanine Aminotransferase (U/L)	Screening	2020-05-26 12:57 (-6)	16		10 - 33
		Day 29	2020-07-01 13:15 (31)	17		10 - 33
		Day 57	2020-07-28 12:15 (28)	16		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-26 12:57 (-6)	84		30 - 115
		Day 29	2020-07-01 13:15 (31)	84		30 - 115
		Day 57	2020-07-28 12:15 (28)	84		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-26 12:57 (-6)	24		10 - 36
		Day 29	2020-07-01 13:15 (31)	24		10 - 36
		Day 57	2020-07-28 12:15 (28)	19		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-26 12:57 (-6)	3.8		- 18.8
		Day 29	2020-07-01 13:15 (31)	4.1		- 18.8
		Day 57	2020-07-28 12:15 (28)	3.1		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081005	Creatinine (umol/L)	Screening	2020-05-26 12:57 (-6)	44 (L)		62 - 124
		Day 29	2020-07-01 13:15 (31)	44 (L)		62 - 124
		Day 57	2020-07-28 12:15 (28)	44 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-26 12:57 (-6)	<3.4		0 - 6.8
		Day 29	2020-07-01 13:15 (31)	<3.4		0 - 6.8
		Day 57	2020-07-28 12:15 (28)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-26 12:57 (-6)	3.57		1.78 - 7.14
		Day 29	2020-07-01 13:15 (31)	3.57		1.78 - 7.14
		Day 57	2020-07-28 12:15 (28)	5.00		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-26 12:57 (-6)	20.0		7.8 - 26.7
		Day 29	2020-07-01 13:15 (31)	20.0		7.8 - 26.7
		Day 57	2020-07-28 12:15 (28)	28.0 (H)		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081007	Alanine Aminotransferase (U/L)	Screening	2020-05-27 08:11 (-5)	15		10 - 33
		Day 29	2020-06-30 15:07 (30)	22		10 - 33
		Day 57	2020-07-28 07:10 (29)	17		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-27 08:11 (-5)	56		30 - 115
		Day 29	2020-06-30 15:07 (30)	59		30 - 115
		Day 57	2020-07-28 07:10 (29)	51		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-27 08:11 (-5)	20		10 - 36
		Day 29	2020-06-30 15:07 (30)	15		10 - 36
		Day 57	2020-07-28 07:10 (29)	21		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-27 08:11 (-5)	6.0		- 18.8
		Day 29	2020-06-30 15:07 (30)	3.9		- 18.8
		Day 57	2020-07-28 07:10 (29)	7.7		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081007	Creatinine (umol/L)	Screening	2020-05-27 08:11 (-5)	53 (L)		62 - 124
		Day 29	2020-06-30 15:07 (30)	53 (L)		62 - 124
		Day 57	2020-07-28 07:10 (29)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-27 08:11 (-5)	<3.4		0 - 6.8
		Day 29	2020-06-30 15:07 (30)	<3.4		0 - 6.8
		Day 57	2020-07-28 07:10 (29)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-27 08:11 (-5)	5.71		1.78 - 7.14
		Day 29	2020-06-30 15:07 (30)	10.71 (H)	G2 Blood Urea Nitrogen Increased	1.78 - 7.14
		Day 57	2020-07-28 07:10 (29)	6.78		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-27 08:11 (-5)	26.7		7.8 - 26.7
		Day 29	2020-06-30 15:07 (30)	50.0 (H)		7.8 - 26.7
		Day 57	2020-07-28 07:10 (29)	31.7 (H)		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081015	Alanine Aminotransferase (U/L)	Screening	2020-05-27 13:40 (-5)	18		10 - 33
		Day 29	2020-07-01 09:10 (31)	22		10 - 33
		Day 57	2020-07-27 09:11 (27)	17		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-27 13:40 (-5)	73		30 - 115
		Day 29	2020-07-01 09:10 (31)	49		30 - 115
		Day 57	2020-07-27 09:11 (27)	44		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-27 13:40 (-5)	26		10 - 36
		Day 29	2020-07-01 09:10 (31)	34		10 - 36
		Day 57	2020-07-27 09:11 (27)	37 (H)		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-27 13:40 (-5)	6.2		- 18.8
		Day 29	2020-07-01 09:10 (31)	9.1		- 18.8
		Day 57	2020-07-27 09:11 (27)	7.0		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081015	Creatinine (umol/L)	Screening	2020-05-27 13:40 (-5)	62		62 - 124
		Day 29	2020-07-01 09:10 (31)	44 (L)		62 - 124
		Day 57	2020-07-27 09:11 (27)	44 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-27 13:40 (-5)	<3.4		0 - 6.8
		Day 29	2020-07-01 09:10 (31)	<3.4		0 - 6.8
		Day 57	2020-07-27 09:11 (27)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-27 13:40 (-5)	5.00		1.78 - 7.14
		Day 29	2020-07-01 09:10 (31)	3.21		1.78 - 7.14
		Day 57	2020-07-27 09:11 (27)	2.86		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-27 13:40 (-5)	20.0		7.8 - 26.7
		Day 29	2020-07-01 09:10 (31)	18.0		7.8 - 26.7
		Day 57	2020-07-27 09:11 (27)	16.0		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081017	Alanine Aminotransferase (U/L)	Screening	2020-05-28 07:48 (-5)	13		10 - 33
		Day 29	2020-07-06 15:10 (35)	17		10 - 33
		Day 57	2020-08-06 13:58 (32)	15		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-28 07:48 (-5)	61		30 - 115
		Day 29	2020-07-06 15:10 (35)	57		30 - 115
		Day 57	2020-08-06 13:58 (32)	62		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-28 07:48 (-5)	27		10 - 36
		Day 29	2020-07-06 15:10 (35)	30		10 - 36
		Day 57	2020-08-06 13:58 (32)	25		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-28 07:48 (-5)	8.0		- 18.8
		Day 29	2020-07-06 15:10 (35)	8.2		- 18.8
		Day 57	2020-08-06 13:58 (32)	6.2		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081017	Creatinine (umol/L)	Screening	2020-05-28 07:48 (-5)	53 (L)		62 - 124
		Day 29	2020-07-06 15:10 (35)	44 (L)		62 - 124
		Day 57	2020-08-06 13:58 (32)	44 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-28 07:48 (-5)	<3.4		0 - 6.8
		Day 29	2020-07-06 15:10 (35)	<3.4		0 - 6.8
		Day 57	2020-08-06 13:58 (32)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-28 07:48 (-5)	3.57		1.78 - 7.14
		Day 29	2020-07-06 15:10 (35)	3.57		1.78 - 7.14
		Day 57	2020-08-06 13:58 (32)	5.71		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-28 07:48 (-5)	16.7		7.8 - 26.7
		Day 29	2020-07-06 15:10 (35)	20.0		7.8 - 26.7
		Day 57	2020-08-06 13:58 (32)	32.0 (H)		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081029	Alanine Aminotransferase (U/L)	Screening	2020-05-29 09:26 (-4)	27		10 - 40
		Day 29	2020-07-07 11:07 (36)	29		10 - 40
		Day 57	2020-08-06 14:20 (31)	26		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-05-29 09:26 (-4)	80		43 - 115
		Day 29	2020-07-07 11:07 (36)	69		43 - 115
		Day 57	2020-08-06 14:20 (31)	68		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-29 09:26 (-4)	22		10 - 43
		Day 29	2020-07-07 11:07 (36)	21		10 - 43
		Day 57	2020-08-06 14:20 (31)	25		10 - 43
	Bilirubin (umol/L)	Screening	2020-05-29 09:26 (-4)	3.6		- 18.8
		Day 29	2020-07-07 11:07 (36)	6.5		- 18.8
		Day 57	2020-08-06 14:20 (31)	3.6		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081029	Creatinine (umol/L)	Screening	2020-05-29 09:26 (-4)	71		62 - 124
		Day 29	2020-07-07 11:07 (36)	71		62 - 124
		Day 57	2020-08-06 14:20 (31)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-29 09:26 (-4)	<3.4		0 - 6.8
		Day 29	2020-07-07 11:07 (36)	<3.4		0 - 6.8
		Day 57	2020-08-06 14:20 (31)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-29 09:26 (-4)	3.93		1.78 - 7.14
		Day 29	2020-07-07 11:07 (36)	3.57		1.78 - 7.14
		Day 57	2020-08-06 14:20 (31)	6.07		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-29 09:26 (-4)	13.8		7.8 - 26.7
		Day 29	2020-07-07 11:07 (36)	12.5		7.8 - 26.7
		Day 57	2020-08-06 14:20 (31)	21.2		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081030	Alanine Aminotransferase (U/L)	Screening	2020-05-29 10:56 (-4)	19		10 - 33
		Day 29	2020-07-06 09:15 (35)	21		10 - 33
		Day 57	2020-08-03 08:15 (29)	25		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-29 10:56 (-4)	70		30 - 115
		Day 29	2020-07-06 09:15 (35)	82		30 - 115
		Day 57	2020-08-03 08:15 (29)	61		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-29 10:56 (-4)	24		10 - 36
		Day 29	2020-07-06 09:15 (35)	21		10 - 36
		Day 57	2020-08-03 08:15 (29)	25		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-29 10:56 (-4)	11.8		- 18.8
		Day 29	2020-07-06 09:15 (35)	10.4		- 18.8
		Day 57	2020-08-03 08:15 (29)	10.6		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081030	Creatinine (umol/L)	Screening	2020-05-29 10:56 (-4)	53 (L)		62 - 124
		Day 29	2020-07-06 09:15 (35)	53 (L)		62 - 124
		Day 57	2020-08-03 08:15 (29)	35 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-29 10:56 (-4)	3.4		0 - 6.8
		Day 29	2020-07-06 09:15 (35)	<3.4		0 - 6.8
		Day 57	2020-08-03 08:15 (29)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-29 10:56 (-4)	5.71		1.78 - 7.14
		Day 29	2020-07-06 09:15 (35)	4.64		1.78 - 7.14
		Day 57	2020-08-03 08:15 (29)	6.07		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-29 10:56 (-4)	26.7		7.8 - 26.7
		Day 29	2020-07-06 09:15 (35)	21.7		7.8 - 26.7
		Day 57	2020-08-03 08:15 (29)	42.5 (H)		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081065	Alanine Aminotransferase (U/L)	Screening	2020-06-11 09:10 (-15)	20		10 - 33
		Day 29	2020-07-24 07:10 (29)	12		10 - 33
		Day 57	2020-08-24 09:05 (32)	15		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-11 09:10 (-15)	89		30 - 115
		Day 29	2020-07-24 07:10 (29)	81		30 - 115
		Day 57	2020-08-24 09:05 (32)	86		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-11 09:10 (-15)	24		10 - 36
		Day 29	2020-07-24 07:10 (29)	22		10 - 36
		Day 57	2020-08-24 09:05 (32)	17		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-11 09:10 (-15)	7.2		- 18.8
		Day 29	2020-07-24 07:10 (29)	4.4		- 18.8
		Day 57	2020-08-24 09:05 (32)	7.7		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081065	Creatinine (umol/L)	Screening	2020-06-11 09:10 (-15)	71		62 - 124
		Day 29	2020-07-24 07:10 (29)	71		62 - 124
		Day 57	2020-08-24 09:05 (32)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-11 09:10 (-15)	<3.4		0 - 6.8
		Day 29	2020-07-24 07:10 (29)	<3.4		0 - 6.8
		Day 57	2020-08-24 09:05 (32)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-11 09:10 (-15)	4.64		1.78 - 7.14
		Day 29	2020-07-24 07:10 (29)	6.43		1.78 - 7.14
		Day 57	2020-08-24 09:05 (32)	5.71		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-11 09:10 (-15)	16.2		7.8 - 26.7
		Day 29	2020-07-24 07:10 (29)	22.5		7.8 - 26.7
		Day 57	2020-08-24 09:05 (32)	20.0		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081066	Alanine Aminotransferase (U/L)	Screening	2020-06-11 12:01 (-15)	19		10 - 40
		Day 29	2020-07-24 09:11 (29)	17		10 - 40
		Day 57	2020-08-25 09:46 (33)	18		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-11 12:01 (-15)	63		43 - 115
		Day 29	2020-07-24 09:11 (29)	55		43 - 115
		Day 57	2020-08-25 09:46 (33)	62		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-11 12:01 (-15)	21		10 - 43
		Day 29	2020-07-24 09:11 (29)	20		10 - 43
		Day 57	2020-08-25 09:46 (33)	16		10 - 43
	Bilirubin (umol/L)	Screening	2020-06-11 12:01 (-15)	19.7 (H)		- 18.8
		Day 29	2020-07-24 09:11 (29)	14.4		- 18.8
		Day 57	2020-08-25 09:46 (33)	13.7		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081066	Creatinine (umol/L)	Screening	2020-06-11 12:01 (-15)	62		62 - 124
		Day 29	2020-07-24 09:11 (29)	62		62 - 124
		Day 57	2020-08-25 09:46 (33)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-11 12:01 (-15)	3.9		0 - 6.8
		Day 29	2020-07-24 09:11 (29)	3.4		0 - 6.8
		Day 57	2020-08-25 09:46 (33)	3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-11 12:01 (-15)	3.21		1.78 - 7.14
		Day 29	2020-07-24 09:11 (29)	3.93		1.78 - 7.14
		Day 57	2020-08-25 09:46 (33)	3.21		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-11 12:01 (-15)	12.9		7.8 - 26.7
		Day 29	2020-07-24 09:11 (29)	15.7		7.8 - 26.7
		Day 57	2020-08-25 09:46 (33)	15.0		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081073	Alanine Aminotransferase (U/L)	Screening	2020-06-15 09:58 (-11)	16		10 - 33
		Day 29	2020-07-24 11:10 (29)	11		10 - 33
		Day 57	2020-08-21 09:42 (29)	12		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-15 09:58 (-11)	55		30 - 115
		Day 29	2020-07-24 11:10 (29)	55		30 - 115
		Day 57	2020-08-21 09:42 (29)	48		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-15 09:58 (-11)	22		10 - 36
		Day 29	2020-07-24 11:10 (29)	15		10 - 36
		Day 57	2020-08-21 09:42 (29)	18		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-15 09:58 (-11)	4.8		- 18.8
		Day 29	2020-07-24 11:10 (29)	5.3		- 18.8
		Day 57	2020-08-21 09:42 (29)	6.2		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081073	Creatinine (umol/L)	Screening	2020-06-15 09:58 (-11)	53 (L)		62 - 124
		Day 29	2020-07-24 11:10 (29)	53 (L)		62 - 124
		Day 57	2020-08-21 09:42 (29)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-15 09:58 (-11)	<3.4		0 - 6.8
		Day 29	2020-07-24 11:10 (29)	<3.4		0 - 6.8
		Day 57	2020-08-21 09:42 (29)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-15 09:58 (-11)	6.43		1.78 - 7.14
		Day 29	2020-07-24 11:10 (29)	6.78		1.78 - 7.14
		Day 57	2020-08-21 09:42 (29)	5.35		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-15 09:58 (-11)	30.0 (H)		7.8 - 26.7
		Day 29	2020-07-24 11:10 (29)	31.7 (H)		7.8 - 26.7
		Day 57	2020-08-21 09:42 (29)	25.0		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081077	Alanine Aminotransferase (U/L)	Screening	2020-06-16 14:10 (-14)	28		10 - 33
		Day 29	2020-08-03 11:10 (35)	21		10 - 33
		Day 57	2020-08-31 14:55 (29)	19		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-16 14:10 (-14)	103		30 - 115
		Day 29	2020-08-03 11:10 (35)	84		30 - 115
		Day 57	2020-08-31 14:55 (29)	91		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-16 14:10 (-14)	26		10 - 36
		Day 29	2020-08-03 11:10 (35)	16		10 - 36
		Day 57	2020-08-31 14:55 (29)	17		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-16 14:10 (-14)	3.9		- 18.8
		Day 29	2020-08-03 11:10 (35)	6.0		- 18.8
		Day 57	2020-08-31 14:55 (29)	3.9		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081077	Creatinine (umol/L)	Screening	2020-06-16 14:10 (-14)	62		62 - 124
		Day 29	2020-08-03 11:10 (35)	71		62 - 124
		Day 57	2020-08-31 14:55 (29)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-16 14:10 (-14)	<3.4		0 - 6.8
		Day 29	2020-08-03 11:10 (35)	<3.4		0 - 6.8
		Day 57	2020-08-31 14:55 (29)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-16 14:10 (-14)	5.71		1.78 - 7.14
		Day 29	2020-08-03 11:10 (35)	5.71		1.78 - 7.14
		Day 57	2020-08-31 14:55 (29)	4.64		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-16 14:10 (-14)	22.9		7.8 - 26.7
		Day 29	2020-08-03 11:10 (35)	20.0		7.8 - 26.7
		Day 57	2020-08-31 14:55 (29)	16.2		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081080	Alanine Aminotransferase (U/L)	Screening	2020-06-17 09:10 (-14)	20		10 - 40
		Day 29	2020-07-31 09:26 (31)	15		10 - 40
		Day 57	2020-08-28 08:37 (29)	16		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-17 09:10 (-14)	65		43 - 115
		Day 29	2020-07-31 09:26 (31)	66		43 - 115
		Day 57	2020-08-28 08:37 (29)	65		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-17 09:10 (-14)	29		10 - 43
		Day 29	2020-07-31 09:26 (31)	24		10 - 43
		Day 57	2020-08-28 08:37 (29)	23		10 - 43
	Bilirubin (umol/L)	Screening	2020-06-17 09:10 (-14)	18.3		- 18.8
		Day 29	2020-07-31 09:26 (31)	11.5		- 18.8
		Day 57	2020-08-28 08:37 (29)	17.8		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081080	Creatinine (umol/L)	Screening	2020-06-17 09:10 (-14)	62		62 - 124
		Day 29	2020-07-31 09:26 (31)	62		62 - 124
		Day 57	2020-08-28 08:37 (29)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-17 09:10 (-14)	3.4		0 - 6.8
		Day 29	2020-07-31 09:26 (31)	<3.4		0 - 6.8
		Day 57	2020-08-28 08:37 (29)	3.8		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-17 09:10 (-14)	7.50 (H)		1.78 - 7.14
		Day 29	2020-07-31 09:26 (31)	6.78		1.78 - 7.14
		Day 57	2020-08-28 08:37 (29)	6.43		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-17 09:10 (-14)	30.0 (H)		7.8 - 26.7
		Day 29	2020-07-31 09:26 (31)	27.1 (H)		7.8 - 26.7
		Day 57	2020-08-28 08:37 (29)	30.0 (H)		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081087	Alanine Aminotransferase (U/L)	Screening	2020-06-18 12:03 (-12)	14		10 - 33
		Day 29	2020-07-29 07:15 (30)	5 (L)		10 - 33
		Day 57	2020-08-26 12:38 (29)	7 (L)		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-18 12:03 (-12)	87		30 - 115
		Day 29	2020-07-29 07:15 (30)	82		30 - 115
		Day 57	2020-08-26 12:38 (29)	92		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-18 12:03 (-12)	33		10 - 36
		Day 29	2020-07-29 07:15 (30)	23		10 - 36
		Day 57	2020-08-26 12:38 (29)	23		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-18 12:03 (-12)	4.6		- 18.8
		Day 29	2020-07-29 07:15 (30)	3.9		- 18.8
		Day 57	2020-08-26 12:38 (29)	5.0		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081087	Creatinine (umol/L)	Screening	2020-06-18 12:03 (-12)	62		62 - 124
		Day 29	2020-07-29 07:15 (30)	71		62 - 124
		Day 57	2020-08-26 12:38 (29)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-18 12:03 (-12)	<3.4		0 - 6.8
		Day 29	2020-07-29 07:15 (30)	<3.4		0 - 6.8
		Day 57	2020-08-26 12:38 (29)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-18 12:03 (-12)	5.00		1.78 - 7.14
		Day 29	2020-07-29 07:15 (30)	5.71		1.78 - 7.14
		Day 57	2020-08-26 12:38 (29)	4.64		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-18 12:03 (-12)	20.0		7.8 - 26.7
		Day 29	2020-07-29 07:15 (30)	20.0		7.8 - 26.7
		Day 57	2020-08-26 12:38 (29)	21.7		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081097	Alanine Aminotransferase (U/L)	Screening	2020-06-22 09:45 (-9)	18		10 - 33
		Day 29	2020-07-31 09:19 (31)	25		10 - 33
		Day 57	2020-08-28 09:31 (29)	20		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-22 09:45 (-9)	69		30 - 115
		Day 29	2020-07-31 09:19 (31)	70		30 - 115
		Day 57	2020-08-28 09:31 (29)	68		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-22 09:45 (-9)	19		10 - 36
		Day 29	2020-07-31 09:19 (31)	18		10 - 36
		Day 57	2020-08-28 09:31 (29)	15		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-22 09:45 (-9)	6.7		- 18.8
		Day 29	2020-07-31 09:19 (31)	7.4		- 18.8
		Day 57	2020-08-28 09:31 (29)	8.2		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081097	Creatinine (umol/L)	Screening	2020-06-22 09:45 (-9)	53 (L)		62 - 124
		Day 29	2020-07-31 09:19 (31)	53 (L)		62 - 124
		Day 57	2020-08-28 09:31 (29)	44 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-22 09:45 (-9)	<3.4		0 - 6.8
		Day 29	2020-07-31 09:19 (31)	<3.4		0 - 6.8
		Day 57	2020-08-28 09:31 (29)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-22 09:45 (-9)	5.00		1.78 - 7.14
		Day 29	2020-07-31 09:19 (31)	5.00		1.78 - 7.14
		Day 57	2020-08-28 09:31 (29)	5.00		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-22 09:45 (-9)	23.3		7.8 - 26.7
		Day 29	2020-07-31 09:19 (31)	23.3		7.8 - 26.7
		Day 57	2020-08-28 09:31 (29)	28.0 (H)		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081103	Alanine Aminotransferase (U/L)	Screening	2020-06-23 09:53 (-9)	18		10 - 40
		Day 29	2020-08-06 11:10 (36)	20		10 - 40
		Day 57	2020-09-01 08:50 (27)	18		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-23 09:53 (-9)	55		43 - 115
		Day 29	2020-08-06 11:10 (36)	62		43 - 115
		Day 57	2020-09-01 08:50 (27)	60		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-23 09:53 (-9)	20		10 - 43
		Day 29	2020-08-06 11:10 (36)	15		10 - 43
		Day 57	2020-09-01 08:50 (27)	15		10 - 43
	Bilirubin (umol/L)	Screening	2020-06-23 09:53 (-9)	5.6		- 18.8
		Day 29	2020-08-06 11:10 (36)	6.3		- 18.8
		Day 57	2020-09-01 08:50 (27)	7.5		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081103	Creatinine (umol/L)	Screening	2020-06-23 09:53 (-9)	106		62 - 124
		Day 29	2020-08-06 11:10 (36)	97		62 - 124
		Day 57	2020-09-01 08:50 (27)	97		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-23 09:53 (-9)	<3.4		0 - 6.8
		Day 29	2020-08-06 11:10 (36)	<3.4		0 - 6.8
		Day 57	2020-09-01 08:50 (27)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-23 09:53 (-9)	6.43		1.78 - 7.14
		Day 29	2020-08-06 11:10 (36)	6.78		1.78 - 7.14
		Day 57	2020-09-01 08:50 (27)	6.78		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-23 09:53 (-9)	15.0		7.8 - 26.7
		Day 29	2020-08-06 11:10 (36)	17.3		7.8 - 26.7
		Day 57	2020-09-01 08:50 (27)	17.3		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081104	Alanine Aminotransferase (U/L)	Screening	2020-06-23 09:46 (-9)	47 (H)	G1 Alanine Aminotransferase Increased	10 - 33
		Day 29	2020-08-06 11:32 (36)	34 (H)		10 - 33
		Unscheduled	2020-08-13 08:15 (8)	36 (H)		10 - 33
		Day 57	2020-09-01 08:44 (27)	22		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-23 09:46 (-9)	77		30 - 115
		Day 29	2020-08-06 11:32 (36)	77		30 - 115
		Unscheduled	2020-08-13 08:15 (8)	74		30 - 115
		Day 57	2020-09-01 08:44 (27)	88		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-23 09:46 (-9)	71 (H)	G1 Aspartate Aminotransferase Increased	10 - 36
		Day 29	2020-08-06 11:32 (36)	60 (H)	G1 Aspartate Aminotransferase Increased	10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081104	Aspartate Aminotransferase (U/L)	Unscheduled	2020-08-13 08:15 (8)	40 (H)	G1 Aspartate Aminotransferase Increased	10 - 36
		Day 57	2020-09-01 08:44 (27)	28		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-23 09:46 (-9)	14.7		- 18.8
		Day 29	2020-08-06 11:32 (36)	12.7		- 18.8
		Unscheduled	2020-08-13 08:15 (8)	11.6		- 18.8
		Day 57	2020-09-01 08:44 (27)	11.5		- 18.8
	Creatinine (umol/L)	Screening	2020-06-23 09:46 (-9)	53 (L)		62 - 124
		Day 29	2020-08-06 11:32 (36)	44 (L)		62 - 124
		Unscheduled	2020-08-13 08:15 (8)	53 (L)		62 - 124
		Day 57	2020-09-01 08:44 (27)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-23 09:46 (-9)	<3.4		0 - 6.8
		Day 29	2020-08-06 11:32 (36)	<3.4		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081104	Direct Bilirubin (umol/L)	Unscheduled	2020-08-13 08:15 (8)	<3.4		0 - 6.8
		Day 57	2020-09-01 08:44 (27)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-23 09:46 (-9)	5.35		1.78 - 7.14
		Day 29	2020-08-06 11:32 (36)	5.00		1.78 - 7.14
		Unscheduled	2020-08-13 08:15 (8)	4.28		1.78 - 7.14
		Day 57	2020-09-01 08:44 (27)	5.00		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-23 09:46 (-9)	25.0		7.8 - 26.7
		Day 29	2020-08-06 11:32 (36)	28.0 (H)		7.8 - 26.7
		Unscheduled	2020-08-13 08:15 (8)	20.0		7.8 - 26.7
		Day 57	2020-09-01 08:44 (27)	23.3		7.8 - 26.7
US2081113	Alanine Aminotransferase (U/L)	Screening	2020-06-24 09:19 (-14)	13		10 - 40
		Day 29	2020-08-10 09:17 (34)	16		10 - 40

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081113	Alanine Aminotransferase (U/L)	Day 57	2020-09-08 08:29 (30)	15		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-24 09:19 (-14)	54		43 - 115
		Day 29	2020-08-10 09:17 (34)	58		43 - 115
		Day 57	2020-09-08 08:29 (30)	59		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-24 09:19 (-14)	19		10 - 43
		Day 29	2020-08-10 09:17 (34)	17		10 - 43
		Day 57	2020-09-08 08:29 (30)	18		10 - 43
	Bilirubin (umol/L)	Screening	2020-06-24 09:19 (-14)	5.8		- 18.8
		Day 29	2020-08-10 09:17 (34)	10.6		- 18.8
		Day 57	2020-09-08 08:29 (30)	8.0		- 18.8
	Creatinine (umol/L)	Screening	2020-06-24 09:19 (-14)	80		62 - 124
		Day 29	2020-08-10 09:17 (34)	71		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081113	Creatinine (umol/L)	Day 57	2020-09-08 08:29 (30)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-24 09:19 (-14)	<3.4		0 - 6.8
		Day 29	2020-08-10 09:17 (34)	<3.4		0 - 6.8
		Day 57	2020-09-08 08:29 (30)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-24 09:19 (-14)	6.07		1.78 - 7.14
		Day 29	2020-08-10 09:17 (34)	6.43		1.78 - 7.14
		Day 57	2020-09-08 08:29 (30)	5.71		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-24 09:19 (-14)	18.9		7.8 - 26.7
		Day 29	2020-08-10 09:17 (34)	22.5		7.8 - 26.7
		Day 57	2020-09-08 08:29 (30)	20.0		7.8 - 26.7
US2081119	Alanine Aminotransferase (U/L)	Screening	2020-06-24 13:30 (-12)	22		10 - 33
		Day 29	2020-08-11 07:10 (37)	24		10 - 33

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081119	Alanine Aminotransferase (U/L)	Day 57	2020-09-08 10:44 (29)	22		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-24 13:30 (-12)	61		30 - 115
		Day 29	2020-08-11 07:10 (37)	63		30 - 115
		Day 57	2020-09-08 10:44 (29)	68		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-24 13:30 (-12)	26		10 - 36
		Day 29	2020-08-11 07:10 (37)	19		10 - 36
		Day 57	2020-09-08 10:44 (29)	22		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-24 13:30 (-12)	6.3		- 18.8
		Day 29	2020-08-11 07:10 (37)	5.5		- 18.8
		Day 57	2020-09-08 10:44 (29)	5.0		- 18.8
	Creatinine (umol/L)	Screening	2020-06-24 13:30 (-12)	53 (L)		62 - 124
		Day 29	2020-08-11 07:10 (37)	53 (L)		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081119	Creatinine (umol/L)	Day 57	2020-09-08 10:44 (29)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-24 13:30 (-12)	<3.4		0 - 6.8
		Day 29	2020-08-11 07:10 (37)	<3.4		0 - 6.8
		Day 57	2020-09-08 10:44 (29)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-24 13:30 (-12)	5.35		1.78 - 7.14
		Day 29	2020-08-11 07:10 (37)	2.86		1.78 - 7.14
		Day 57	2020-09-08 10:44 (29)	3.21		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-24 13:30 (-12)	25.0		7.8 - 26.7
		Day 29	2020-08-11 07:10 (37)	13.3		7.8 - 26.7
		Day 57	2020-09-08 10:44 (29)	15.0		7.8 - 26.7
US2081125	Alanine Aminotransferase (U/L)	Screening	2020-06-25 10:39 (-7)	14		10 - 40
		Day 29	2020-08-03 13:15 (33)	15		10 - 40

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081125	Alanine Aminotransferase (U/L)	Day 57	2020-08-31 12:25 (29)	15		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-25 10:39 (-7)	62		43 - 115
		Day 29	2020-08-03 13:15 (33)	56		43 - 115
		Day 57	2020-08-31 12:25 (29)	64		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-25 10:39 (-7)	23		10 - 43
		Day 29	2020-08-03 13:15 (33)	20		10 - 43
		Day 57	2020-08-31 12:25 (29)	21		10 - 43
	Bilirubin (umol/L)	Screening	2020-06-25 10:39 (-7)	7.2		- 18.8
		Day 29	2020-08-03 13:15 (33)	5.6		- 18.8
		Day 57	2020-08-31 12:25 (29)	6.5		- 18.8
	Creatinine (umol/L)	Screening	2020-06-25 10:39 (-7)	71		62 - 124
		Day 29	2020-08-03 13:15 (33)	71		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081125	Creatinine (umol/L)	Day 57	2020-08-31 12:25 (29)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-25 10:39 (-7)	<3.4		0 - 6.8
		Day 29	2020-08-03 13:15 (33)	<3.4		0 - 6.8
		Day 57	2020-08-31 12:25 (29)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-25 10:39 (-7)	4.64		1.78 - 7.14
		Day 29	2020-08-03 13:15 (33)	5.71		1.78 - 7.14
		Day 57	2020-08-31 12:25 (29)	4.64		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-25 10:39 (-7)	16.2		7.8 - 26.7
		Day 29	2020-08-03 13:15 (33)	20.0		7.8 - 26.7
		Day 57	2020-08-31 12:25 (29)	16.2		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011012	Alanine Aminotransferase (U/L)	Screening	2020-05-26 16:08 (-6)	18		10 - 33
		Day 29	2020-06-30 14:05 (30)	18		10 - 33
		Day 57	2020-07-31 14:03 (32)	16		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-26 16:08 (-6)	77		30 - 115
		Day 29	2020-06-30 14:05 (30)	74		30 - 115
		Day 57	2020-07-31 14:03 (32)	67		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-26 16:08 (-6)	19		10 - 36
		Day 29	2020-06-30 14:05 (30)	19		10 - 36
		Day 57	2020-07-31 14:03 (32)	23		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-26 16:08 (-6)	9.1		- 18.8
		Day 29	2020-06-30 14:05 (30)	8.9		- 18.8
		Day 57	2020-07-31 14:03 (32)	10.9		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011012	Creatinine (umol/L)	Screening	2020-05-26 16:08 (-6)	62		62 - 124
		Day 29	2020-06-30 14:05 (30)	62		62 - 124
		Day 57	2020-07-31 14:03 (32)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-26 16:08 (-6)	<3.4		0 - 6.8
		Day 29	2020-06-30 14:05 (30)	<3.4		0 - 6.8
		Day 57	2020-07-31 14:03 (32)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-26 16:08 (-6)	5.35		1.78 - 7.14
		Day 29	2020-06-30 14:05 (30)	5.35		1.78 - 7.14
		Day 57	2020-07-31 14:03 (32)	6.07		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-26 16:08 (-6)	21.4		7.8 - 26.7
		Day 29	2020-06-30 14:05 (30)	21.4		7.8 - 26.7
		Day 57	2020-07-31 14:03 (32)	24.3		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011014	Alanine Aminotransferase (U/L)	Screening	2020-05-26 16:21 (-6)	21		10 - 33
		Day 29	2020-06-29 07:34 (29)	37 (H)	G1 Alanine Aminotransferase Increased	10 - 33
		Day 57	2020-07-29 12:55 (31)	21		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-26 16:21 (-6)	92		30 - 115
		Day 29	2020-06-29 07:34 (29)	95		30 - 115
		Day 57	2020-07-29 12:55 (31)	83		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-26 16:21 (-6)	22		10 - 36
		Day 29	2020-06-29 07:34 (29)	42 (H)	G1 Aspartate Aminotransferase Increased	10 - 36
		Day 57	2020-07-29 12:55 (31)	23		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-26 16:21 (-6)	4.1		- 18.8
		Day 29	2020-06-29 07:34 (29)	<2.6		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011014	Bilirubin (umol/L)	Day 57	2020-07-29 12:55 (31)	4.4		- 18.8
	Creatinine (umol/L)	Screening	2020-05-26 16:21 (-6)	71		62 - 124
		Day 29	2020-06-29 07:34 (29)	80		62 - 124
		Day 57	2020-07-29 12:55 (31)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-26 16:21 (-6)	<3.4		0 - 6.8
		Day 29	2020-06-29 07:34 (29)	<3.4		0 - 6.8
		Day 57	2020-07-29 12:55 (31)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-26 16:21 (-6)	7.50 (H)		1.78 - 7.14
		Day 29	2020-06-29 07:34 (29)	6.78		1.78 - 7.14
		Day 57	2020-07-29 12:55 (31)	5.00		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-26 16:21 (-6)	26.2		7.8 - 26.7
		Day 29	2020-06-29 07:34 (29)	21.1		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011014	Urea Nitrogen/Creatinine	Day 57	2020-07-29 12:55 (31)	17.5		7.8 - 26.7
US2011032	Alanine Aminotransferase (U/L)	Screening	2020-05-27 10:28 (-6)	20		10 - 40
		Day 29	2020-07-01 12:00 (30)	17		10 - 40
		Day 57	2020-07-29 13:12 (29)	17		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-05-27 10:28 (-6)	46		43 - 115
		Day 29	2020-07-01 12:00 (30)	50		43 - 115
		Day 57	2020-07-29 13:12 (29)	47		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-27 10:28 (-6)	30		10 - 43
		Day 29	2020-07-01 12:00 (30)	26		10 - 43
		Day 57	2020-07-29 13:12 (29)	30		10 - 43
	Bilirubin (umol/L)	Screening	2020-05-27 10:28 (-6)	9.6		- 18.8
		Day 29	2020-07-01 12:00 (30)	10.8		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011032	Bilirubin (umol/L)	Day 57	2020-07-29 13:12 (29)	9.6		- 18.8
	Creatinine (umol/L)	Screening	2020-05-27 10:28 (-6)	88		62 - 124
		Day 29	2020-07-01 12:00 (30)	88		62 - 124
		Day 57	2020-07-29 13:12 (29)	80		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-27 10:28 (-6)	<3.4		0 - 6.8
		Day 29	2020-07-01 12:00 (30)	<3.4		0 - 6.8
		Day 57	2020-07-29 13:12 (29)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-27 10:28 (-6)	4.64		1.78 - 7.14
		Day 29	2020-07-01 12:00 (30)	6.07		1.78 - 7.14
		Day 57	2020-07-29 13:12 (29)	4.28		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-27 10:28 (-6)	13.0		7.8 - 26.7
		Day 29	2020-07-01 12:00 (30)	17.0		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011032	Urea Nitrogen/Creatinine	Day 57	2020-07-29 13:12 (29)	13.3		7.8 - 26.7
US2011040	Alanine Aminotransferase (U/L)	Screening	2020-05-27 14:08 (-5)	13		10 - 33
		Day 29	2020-06-29 09:23 (29)	13		10 - 33
		Day 57	2020-07-28 09:45 (30)	15		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-27 14:08 (-5)	59		30 - 115
		Day 29	2020-06-29 09:23 (29)	53		30 - 115
		Day 57	2020-07-28 09:45 (30)	52		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-27 14:08 (-5)	20		10 - 36
		Day 29	2020-06-29 09:23 (29)	20		10 - 36
		Day 57	2020-07-28 09:45 (30)	18		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-27 14:08 (-5)	2.6		- 18.8
		Day 29	2020-06-29 09:23 (29)	5.0		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011040	Bilirubin (umol/L)	Day 57	2020-07-28 09:45 (30)	2.7		- 18.8
	Creatinine (umol/L)	Screening	2020-05-27 14:08 (-5)	80		62 - 124
		Day 29	2020-06-29 09:23 (29)	62		62 - 124
		Day 57	2020-07-28 09:45 (30)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-27 14:08 (-5)	<3.4		0 - 6.8
		Day 29	2020-06-29 09:23 (29)	<3.4		0 - 6.8
		Day 57	2020-07-28 09:45 (30)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-27 14:08 (-5)	4.64		1.78 - 7.14
		Day 29	2020-06-29 09:23 (29)	5.35		1.78 - 7.14
		Day 57	2020-07-28 09:45 (30)	5.71		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-27 14:08 (-5)	14.4		7.8 - 26.7
		Day 29	2020-06-29 09:23 (29)	21.4		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011040	Urea Nitrogen/Creatinine	Day 57	2020-07-28 09:45 (30)	20.0		7.8 - 26.7
US2011117	Alanine Aminotransferase (U/L)	Screening	2020-06-12 15:55 (-14)	18		10 - 40
		Day 29	2020-07-24 08:20 (29)	16		10 - 40
		Day 57	2020-08-21 08:01 (29)	21		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-12 15:55 (-14)	66		43 - 115
		Day 29	2020-07-24 08:20 (29)	63		43 - 115
		Day 57	2020-08-21 08:01 (29)	67		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-12 15:55 (-14)	22		10 - 43
		Day 29	2020-07-24 08:20 (29)	20		10 - 43
		Day 57	2020-08-21 08:01 (29)	20		10 - 43
	Bilirubin (umol/L)	Screening	2020-06-12 15:55 (-14)	5.8		- 18.8
		Day 29	2020-07-24 08:20 (29)	7.2		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011117	Bilirubin (umol/L)	Day 57	2020-08-21 08:01 (29)	7.2		- 18.8
	Creatinine (umol/L)	Screening	2020-06-12 15:55 (-14)	62		62 - 124
		Day 29	2020-07-24 08:20 (29)	62		62 - 124
		Day 57	2020-08-21 08:01 (29)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-12 15:55 (-14)	<3.4		0 - 6.8
		Day 29	2020-07-24 08:20 (29)	<3.4		0 - 6.8
		Day 57	2020-08-21 08:01 (29)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-12 15:55 (-14)	4.28		1.78 - 7.14
		Day 29	2020-07-24 08:20 (29)	5.35		1.78 - 7.14
		Day 57	2020-08-21 08:01 (29)	3.57		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-12 15:55 (-14)	17.1		7.8 - 26.7
		Day 29	2020-07-24 08:20 (29)	21.4		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011117	Urea Nitrogen/Creatinine	Day 57	2020-08-21 08:01 (29)	14.3		7.8 - 26.7
US2011123	Alanine Aminotransferase (U/L)	Screening	2020-06-17 12:55 (-9)	18		10 - 40
		Day 29	2020-07-24 15:25 (29)	21		10 - 40
		Day 57	2020-08-21 13:49 (29)	22		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-17 12:55 (-9)	81		43 - 115
		Day 29	2020-07-24 15:25 (29)	83		43 - 115
		Day 57	2020-08-21 13:49 (29)	89		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-17 12:55 (-9)	20		10 - 43
		Day 29	2020-07-24 15:25 (29)	15		10 - 43
		Day 57	2020-08-21 13:49 (29)	19		10 - 43
	Bilirubin (umol/L)	Screening	2020-06-17 12:55 (-9)	5.5		- 18.8
		Day 29	2020-07-24 15:25 (29)	5.3		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011123	Bilirubin (umol/L)	Day 57	2020-08-21 13:49 (29)	5.8		- 18.8
	Creatinine (umol/L)	Screening	2020-06-17 12:55 (-9)	88		62 - 124
		Day 29	2020-07-24 15:25 (29)	88		62 - 124
		Day 57	2020-08-21 13:49 (29)	80		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-17 12:55 (-9)	<3.4		0 - 6.8
		Day 29	2020-07-24 15:25 (29)	<3.4		0 - 6.8
		Day 57	2020-08-21 13:49 (29)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-17 12:55 (-9)	3.93		1.78 - 7.14
		Day 29	2020-07-24 15:25 (29)	5.00		1.78 - 7.14
		Day 57	2020-08-21 13:49 (29)	4.64		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-17 12:55 (-9)	11.0		7.8 - 26.7
		Day 29	2020-07-24 15:25 (29)	14.0		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011123	Urea Nitrogen/Creatinine	Day 57	2020-08-21 13:49 (29)	14.4		7.8 - 26.7
US2011125	Alanine Aminotransferase (U/L)	Screening	2020-06-17 15:16 (-15)	20		10 - 33
		Day 29	2020-07-29 14:22 (28)	19		10 - 33
		Day 57	2020-08-28 08:18 (31)	15		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-17 15:16 (-15)	91		30 - 115
		Day 29	2020-07-29 14:22 (28)	74		30 - 115
		Day 57	2020-08-28 08:18 (31)	77		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-17 15:16 (-15)	23		10 - 36
		Day 29	2020-07-29 14:22 (28)	17		10 - 36
		Day 57	2020-08-28 08:18 (31)	18		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-17 15:16 (-15)	7.2		- 18.8
		Day 29	2020-07-29 14:22 (28)	5.5		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011125	Bilirubin (umol/L)	Day 57	2020-08-28 08:18 (31)	7.7		- 18.8
	Creatinine (umol/L)	Screening	2020-06-17 15:16 (-15)	62		62 - 124
		Day 29	2020-07-29 14:22 (28)	53 (L)		62 - 124
		Day 57	2020-08-28 08:18 (31)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-17 15:16 (-15)	<3.4		0 - 6.8
		Day 29	2020-07-29 14:22 (28)	<3.4		0 - 6.8
		Day 57	2020-08-28 08:18 (31)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-17 15:16 (-15)	6.07		1.78 - 7.14
		Day 29	2020-07-29 14:22 (28)	6.43		1.78 - 7.14
		Day 57	2020-08-28 08:18 (31)	6.78		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-17 15:16 (-15)	24.3		7.8 - 26.7
		Day 29	2020-07-29 14:22 (28)	30.0 (H)		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011125	Urea Nitrogen/Creatinine	Day 57	2020-08-28 08:18 (31)	31.7 (H)		7.8 - 26.7
US2011127	Alanine Aminotransferase (U/L)	Screening	2020-06-18 10:14 (-8)	16		10 - 40
		Day 29	2020-07-24 12:10 (29)	14		10 - 40
		Day 57	2020-08-21 14:16 (29)	22		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-18 10:14 (-8)	76		43 - 115
		Day 29	2020-07-24 12:10 (29)	76		43 - 115
		Day 57	2020-08-21 14:16 (29)	70		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-18 10:14 (-8)	22		10 - 43
		Day 29	2020-07-24 12:10 (29)	22		10 - 43
		Day 57	2020-08-21 14:16 (29)	21		10 - 43
	Bilirubin (umol/L)	Screening	2020-06-18 10:14 (-8)	5.8		- 18.8
		Day 29	2020-07-24 12:10 (29)	5.3		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011127	Bilirubin (umol/L)	Day 57	2020-08-21 14:16 (29)	7.4		- 18.8
	Creatinine (umol/L)	Screening	2020-06-18 10:14 (-8)	71		62 - 124
		Day 29	2020-07-24 12:10 (29)	80		62 - 124
		Day 57	2020-08-21 14:16 (29)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-18 10:14 (-8)	<3.4		0 - 6.8
		Day 29	2020-07-24 12:10 (29)	<3.4		0 - 6.8
		Day 57	2020-08-21 14:16 (29)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-18 10:14 (-8)	3.57		1.78 - 7.14
		Day 29	2020-07-24 12:10 (29)	2.86		1.78 - 7.14
		Day 57	2020-08-21 14:16 (29)	4.28		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-18 10:14 (-8)	12.5		7.8 - 26.7
		Day 29	2020-07-24 12:10 (29)	8.9		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011127	Urea Nitrogen/Creatinine	Day 57	2020-08-21 14:16 (29)	15.0		7.8 - 26.7
US2011137	Alanine Aminotransferase (U/L)	Screening	2020-06-22 08:13 (-4)	11		10 - 33
		Day 29	2020-07-24 07:50 (29)	11		10 - 33
		Day 57	2020-08-19 07:46 (27)	13		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-22 08:13 (-4)	84		30 - 115
		Day 29	2020-07-24 07:50 (29)	83		30 - 115
		Day 57	2020-08-19 07:46 (27)	90		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-22 08:13 (-4)	15		10 - 36
		Day 29	2020-07-24 07:50 (29)	15		10 - 36
		Day 57	2020-08-19 07:46 (27)	14		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-22 08:13 (-4)	5.3		- 18.8
		Day 29	2020-07-24 07:50 (29)	8.2		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011137	Bilirubin (umol/L)	Day 57	2020-08-19 07:46 (27)	5.6		- 18.8
	Creatinine (umol/L)	Screening	2020-06-22 08:13 (-4)	53 (L)		62 - 124
		Day 29	2020-07-24 07:50 (29)	44 (L)		62 - 124
		Day 57	2020-08-19 07:46 (27)	44 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-22 08:13 (-4)	<3.4		0 - 6.8
		Day 29	2020-07-24 07:50 (29)	<3.4		0 - 6.8
		Day 57	2020-08-19 07:46 (27)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-22 08:13 (-4)	5.71		1.78 - 7.14
		Day 29	2020-07-24 07:50 (29)	4.28		1.78 - 7.14
		Day 57	2020-08-19 07:46 (27)	4.64		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-22 08:13 (-4)	26.7		7.8 - 26.7
		Day 29	2020-07-24 07:50 (29)	24.0		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011137	Urea Nitrogen/Creatinine	Day 57	2020-08-19 07:46 (27)	26.0		7.8 - 26.7
US2011138	Alanine Aminotransferase (U/L)	Screening	2020-06-22 11:02 (-5)	18		10 - 33
		Day 29	2020-07-27 09:11 (31)	17		10 - 33
		Day 57	2020-08-26 08:35 (31)	23		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-22 11:02 (-5)	75		30 - 115
		Day 29	2020-07-27 09:11 (31)	68		30 - 115
		Day 57	2020-08-26 08:35 (31)	74		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-22 11:02 (-5)	32		10 - 36
		Day 29	2020-07-27 09:11 (31)	33		10 - 36
		Day 57	2020-08-26 08:35 (31)	28		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-22 11:02 (-5)	14.4		- 18.8
		Day 29	2020-07-27 09:11 (31)	14.2		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011138	Bilirubin (umol/L)	Day 57	2020-08-26 08:35 (31)	14.5		- 18.8
	Creatinine (umol/L)	Screening	2020-06-22 11:02 (-5)	62		62 - 124
		Day 29	2020-07-27 09:11 (31)	62		62 - 124
		Day 57	2020-08-26 08:35 (31)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-22 11:02 (-5)	<3.4		0 - 6.8
		Day 29	2020-07-27 09:11 (31)	<3.4		0 - 6.8
		Day 57	2020-08-26 08:35 (31)	3.6		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-22 11:02 (-5)	5.00		1.78 - 7.14
		Day 29	2020-07-27 09:11 (31)	5.00		1.78 - 7.14
		Day 57	2020-08-26 08:35 (31)	4.64		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-22 11:02 (-5)	20.0		7.8 - 26.7
		Day 29	2020-07-27 09:11 (31)	20.0		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011138	Urea Nitrogen/Creatinine	Day 57	2020-08-26 08:35 (31)	16.2		7.8 - 26.7
US2011153	Alanine Aminotransferase (U/L)	Screening	2020-06-25 12:48 (-4)	15		10 - 33
		Day 29	2020-07-27 13:17 (29)	13		10 - 33
		Day 57	2020-08-24 13:13 (29)	17		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-25 12:48 (-4)	71		30 - 115
		Day 29	2020-07-27 13:17 (29)	78		30 - 115
		Day 57	2020-08-24 13:13 (29)	80		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-25 12:48 (-4)	19		10 - 36
		Day 29	2020-07-27 13:17 (29)	21		10 - 36
		Day 57	2020-08-24 13:13 (29)	20		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-25 12:48 (-4)	4.3		- 18.8
		Day 29	2020-07-27 13:17 (29)	5.1		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011153	Bilirubin (umol/L)	Day 57	2020-08-24 13:13 (29)	4.8		- 18.8
	Creatinine (umol/L)	Screening	2020-06-25 12:48 (-4)	62		62 - 124
		Day 29	2020-07-27 13:17 (29)	71		62 - 124
		Day 57	2020-08-24 13:13 (29)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-25 12:48 (-4)	<3.4		0 - 6.8
		Day 29	2020-07-27 13:17 (29)	<3.4		0 - 6.8
		Day 57	2020-08-24 13:13 (29)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-25 12:48 (-4)	7.14		1.78 - 7.14
		Day 29	2020-07-27 13:17 (29)	5.71		1.78 - 7.14
		Day 57	2020-08-24 13:13 (29)	7.14		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-25 12:48 (-4)	28.6 (H)		7.8 - 26.7
		Day 29	2020-07-27 13:17 (29)	20.0		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011153	Urea Nitrogen/Creatinine	Day 57	2020-08-24 13:13 (29)	25.0		7.8 - 26.7
US2021004	Alanine Aminotransferase (U/L)	Screening	2020-05-26 09:52 (-3)	17		10 - 33
		Day 29	2020-06-26 08:57 (29)	11		10 - 33
		Day 57	2020-07-24 09:21 (29)	18		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-26 09:52 (-3)	80		30 - 115
		Day 29	2020-06-26 08:57 (29)	87		30 - 115
		Day 57	2020-07-24 09:21 (29)	79		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-26 09:52 (-3)	24		10 - 36
		Day 29	2020-06-26 08:57 (29)	23		10 - 36
		Day 57	2020-07-24 09:21 (29)	20		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-26 09:52 (-3)	4.4		- 18.8
		Day 29	2020-06-26 08:57 (29)	<2.6		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021004	Bilirubin (umol/L)	Day 57	2020-07-24 09:21 (29)	<2.6		- 18.8
	Creatinine (umol/L)	Screening	2020-05-26 09:52 (-3)	53 (L)		62 - 124
		Day 29	2020-06-26 08:57 (29)	53 (L)		62 - 124
		Day 57	2020-07-24 09:21 (29)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-26 09:52 (-3)	<3.4		0 - 6.8
		Day 29	2020-06-26 08:57 (29)	<3.4		0 - 6.8
		Day 57	2020-07-24 09:21 (29)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-05-26 09:52 (-3)	66.6 (H)		1.7 - 21.5
	Urea Nitrogen (mmol/L)	Screening	2020-05-26 09:52 (-3)	3.57		1.78 - 7.14
		Day 29	2020-06-26 08:57 (29)	6.78		1.78 - 7.14
		Day 57	2020-07-24 09:21 (29)	5.00		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-26 09:52 (-3)	16.7		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021004	Urea Nitrogen/Creatinine	Day 29	2020-06-26 08:57 (29)	31.7 (H)		7.8 - 26.7
		Day 57	2020-07-24 09:21 (29)	23.3		7.8 - 26.7
US2021012	Alanine Aminotransferase (U/L)	Screening	2020-05-26 11:57 (-6)	13		10 - 33
		Day 29	2020-06-29 09:43 (29)	9 (L)		10 - 33
		Day 57	2020-07-27 12:27 (29)	15		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-26 11:57 (-6)	57		30 - 115
		Day 29	2020-06-29 09:43 (29)	52		30 - 115
		Day 57	2020-07-27 12:27 (29)	57		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-26 11:57 (-6)	18		10 - 36
		Day 29	2020-06-29 09:43 (29)	19		10 - 36
		Day 57	2020-07-27 12:27 (29)	16		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-26 11:57 (-6)	19.0 (H)		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021012	Bilirubin (umol/L)	Day 29	2020-06-29 09:43 (29)	11.5		- 18.8
		Day 57	2020-07-27 12:27 (29)	8.6		- 18.8
	Creatinine (umol/L)	Screening	2020-05-26 11:57 (-6)	62		62 - 124
		Day 29	2020-06-29 09:43 (29)	53 (L)		62 - 124
		Day 57	2020-07-27 12:27 (29)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-26 11:57 (-6)	4.4		0 - 6.8
		Day 29	2020-06-29 09:43 (29)	<3.4		0 - 6.8
		Day 57	2020-07-27 12:27 (29)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-05-26 11:57 (-6)	81.2 (H)		1.7 - 21.5
	Urea Nitrogen (mmol/L)	Screening	2020-05-26 11:57 (-6)	4.28		1.78 - 7.14
		Day 29	2020-06-29 09:43 (29)	4.64		1.78 - 7.14
		Day 57	2020-07-27 12:27 (29)	5.71		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021012	Urea Nitrogen/Creatinine	Screening	2020-05-26 11:57 (-6)	17.1		7.8 - 26.7
		Day 29	2020-06-29 09:43 (29)	21.7		7.8 - 26.7
		Day 57	2020-07-27 12:27 (29)	26.7		7.8 - 26.7
US2021018	Alanine Aminotransferase (U/L)	Screening	2020-05-26 13:54 (-3)	13		10 - 33
		Day 29	2020-07-13 13:29 (46)	13		10 - 33
		Day 57	2020-08-11 14:10 (30)	18		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-26 13:54 (-3)	67		30 - 115
		Day 29	2020-07-13 13:29 (46)	52		30 - 115
		Day 57	2020-08-11 14:10 (30)	58		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-26 13:54 (-3)	24		10 - 36
		Day 29	2020-07-13 13:29 (46)	15		10 - 36
		Day 57	2020-08-11 14:10 (30)	23		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021018	Bilirubin (umol/L)	Screening	2020-05-26 13:54 (-3)	5.8		- 18.8
		Day 29	2020-07-13 13:29 (46)	5.3		- 18.8
		Day 57	2020-08-11 14:10 (30)	5.0		- 18.8
	Creatinine (umol/L)	Screening	2020-05-26 13:54 (-3)	53 (L)		62 - 124
		Day 29	2020-07-13 13:29 (46)	53 (L)		62 - 124
		Day 57	2020-08-11 14:10 (30)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-26 13:54 (-3)	<3.4		0 - 6.8
		Day 29	2020-07-13 13:29 (46)	<3.4		0 - 6.8
		Day 57	2020-08-11 14:10 (30)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-05-26 13:54 (-3)	61.4 (H)		1.7 - 21.5
	Urea Nitrogen (mmol/L)	Screening	2020-05-26 13:54 (-3)	3.21		1.78 - 7.14
		Day 29	2020-07-13 13:29 (46)	3.57		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021018	Urea Nitrogen (mmol/L)	Day 57	2020-08-11 14:10 (30)	3.93		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-26 13:54 (-3)	15.0		7.8 - 26.7
		Day 29	2020-07-13 13:29 (46)	16.7		7.8 - 26.7
		Day 57	2020-08-11 14:10 (30)	18.3		7.8 - 26.7
US2021019	Alanine Aminotransferase (U/L)	Screening	2020-05-26 15:10 (-3)	27		10 - 40
		Day 29	2020-07-02 16:16 (35)	17		10 - 40
		Day 57	2020-07-31 11:20 (30)	17		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-05-26 15:10 (-3)	73		43 - 115
		Day 29	2020-07-02 16:16 (35)	63		43 - 115
		Day 57	2020-07-31 11:20 (30)	72		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-26 15:10 (-3)	25		10 - 43
		Day 29	2020-07-02 16:16 (35)	14		10 - 43

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021019	Aspartate Aminotransferase (U/L)	Day 57	2020-07-31 11:20 (30)	11		10 - 43
	Bilirubin (umol/L)	Screening	2020-05-26 15:10 (-3)	11.1		- 18.8
		Day 29	2020-07-02 16:16 (35)	7.4		- 18.8
		Day 57	2020-07-31 11:20 (30)	8.2		- 18.8
	Creatinine (umol/L)	Screening	2020-05-26 15:10 (-3)	71		62 - 124
		Day 29	2020-07-02 16:16 (35)	97		62 - 124
		Day 57	2020-07-31 11:20 (30)	80		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-26 15:10 (-3)	<3.4		0 - 6.8
		Day 29	2020-07-02 16:16 (35)	<3.4		0 - 6.8
		Day 57	2020-07-31 11:20 (30)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-26 15:10 (-3)	5.35		1.78 - 7.14
		Day 29	2020-07-02 16:16 (35)	5.71		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021019	Urea Nitrogen (mmol/L)	Day 57	2020-07-31 11:20 (30)	6.07		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-26 15:10 (-3)	18.8		7.8 - 26.7
		Day 29	2020-07-02 16:16 (35)	14.5		7.8 - 26.7
		Day 57	2020-07-31 11:20 (30)	18.9		7.8 - 26.7
US2021020	Alanine Aminotransferase (U/L)	Screening	2020-05-26 14:18 (-6)	16		10 - 33
		Day 29	2020-06-30 10:24 (30)	16		10 - 33
		Day 57	2020-07-29 12:20 (30)	14		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-26 14:18 (-6)	87		30 - 115
		Day 29	2020-06-30 10:24 (30)	81		30 - 115
		Day 57	2020-07-29 12:20 (30)	75		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-26 14:18 (-6)	22		10 - 36
		Day 29	2020-06-30 10:24 (30)	21		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021020	Aspartate Aminotransferase (U/L)	Day 57	2020-07-29 12:20 (30)	16		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-26 14:18 (-6)	8.4		- 18.8
		Day 29	2020-06-30 10:24 (30)	13.0		- 18.8
		Day 57	2020-07-29 12:20 (30)	6.3		- 18.8
	Creatinine (umol/L)	Screening	2020-05-26 14:18 (-6)	44 (L)		62 - 124
		Day 29	2020-06-30 10:24 (30)	44 (L)		62 - 124
		Day 57	2020-07-29 12:20 (30)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-26 14:18 (-6)	<3.4		0 - 6.8
		Day 29	2020-06-30 10:24 (30)	<3.4		0 - 6.8
		Day 57	2020-07-29 12:20 (30)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-05-26 14:18 (-6)	35.6 (H)		1.7 - 21.5
	Urea Nitrogen (mmol/L)	Screening	2020-05-26 14:18 (-6)	4.64		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021020	Urea Nitrogen (mmol/L)	Day 29	2020-06-30 10:24 (30)	6.43		1.78 - 7.14
		Day 57	2020-07-29 12:20 (30)	5.71		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-26 14:18 (-6)	26.0		7.8 - 26.7
		Day 29	2020-06-30 10:24 (30)	36.0 (H)		7.8 - 26.7
		Day 57	2020-07-29 12:20 (30)	26.7		7.8 - 26.7
US2021045	Alanine Aminotransferase (U/L)	Screening	2020-05-27 10:46 (-5)	14		10 - 33
		Day 29	2020-06-29 14:46 (29)	10		10 - 33
		Day 57	2020-08-03 14:45 (36)	7 (L)		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-27 10:46 (-5)	52		30 - 115
		Day 29	2020-06-29 14:46 (29)	55		30 - 115
		Day 57	2020-08-03 14:45 (36)	47		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-27 10:46 (-5)	33		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021045	Aspartate Aminotransferase (U/L)	Day 29	2020-06-29 14:46 (29)	22		10 - 36
		Day 57	2020-08-03 14:45 (36)	24		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-27 10:46 (-5)	<2.6		- 18.8
		Day 29	2020-06-29 14:46 (29)	3.9		- 18.8
		Day 57	2020-08-03 14:45 (36)	<2.6		- 18.8
	Creatinine (umol/L)	Screening	2020-05-27 10:46 (-5)	53 (L)		62 - 124
		Day 29	2020-06-29 14:46 (29)	71		62 - 124
		Day 57	2020-08-03 14:45 (36)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-27 10:46 (-5)	<3.4		0 - 6.8
		Day 29	2020-06-29 14:46 (29)	<3.4		0 - 6.8
		Day 57	2020-08-03 14:45 (36)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-05-27 10:46 (-5)	46.7 (H)		1.7 - 21.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021045	Urea Nitrogen (mmol/L)	Screening	2020-05-27 10:46 (-5)	5.35		1.78 - 7.14
		Day 29	2020-06-29 14:46 (29)	10.71 (H)	G2 Blood Urea Nitrogen Increased	1.78 - 7.14
		Day 57	2020-08-03 14:45 (36)	6.43		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-27 10:46 (-5)	25.0		7.8 - 26.7
		Day 29	2020-06-29 14:46 (29)	37.5 (H)		7.8 - 26.7
		Day 57	2020-08-03 14:45 (36)	25.7		7.8 - 26.7
US2021047	Alanine Aminotransferase (U/L)	Screening	2020-05-27 15:38 (-5)	17		10 - 33
		Day 29	2020-06-29 13:47 (29)	18		10 - 33
		Day 57	2020-07-24 13:45 (26)	17		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-27 15:38 (-5)	45		30 - 115
		Day 29	2020-06-29 13:47 (29)	43		30 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021047	Alkaline Phosphatase (U/L)	Day 57	2020-07-24 13:45 (26)	44		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-27 15:38 (-5)	20		10 - 36
		Day 29	2020-06-29 13:47 (29)	21		10 - 36
		Day 57	2020-07-24 13:45 (26)	16		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-27 15:38 (-5)	6.2		- 18.8
		Day 29	2020-06-29 13:47 (29)	7.5		- 18.8
		Day 57	2020-07-24 13:45 (26)	7.9		- 18.8
	Creatinine (umol/L)	Screening	2020-05-27 15:38 (-5)	71		62 - 124
		Day 29	2020-06-29 13:47 (29)	71		62 - 124
		Day 57	2020-07-24 13:45 (26)	80		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-27 15:38 (-5)	<3.4		0 - 6.8
		Day 29	2020-06-29 13:47 (29)	<3.4		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021047	Direct Bilirubin (umol/L)	Day 57	2020-07-24 13:45 (26)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-05-27 15:38 (-5)	124.8 (H)		1.7 - 21.5
	Urea Nitrogen (mmol/L)	Screening	2020-05-27 15:38 (-5)	6.07		1.78 - 7.14
		Day 29	2020-06-29 13:47 (29)	9.64 (H)	G2 Blood Urea Nitrogen Increased	1.78 - 7.14
		Day 57	2020-07-24 13:45 (26)	7.85 (H)		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-27 15:38 (-5)	21.2		7.8 - 26.7
		Day 29	2020-06-29 13:47 (29)	33.8 (H)		7.8 - 26.7
		Day 57	2020-07-24 13:45 (26)	24.4		7.8 - 26.7
US2021133	Alanine Aminotransferase (U/L)	Screening	2020-06-01 11:53 (-25)	16		10 - 40
		Day 29	2020-07-29 12:23 (34)	15		10 - 40
		Day 57	2020-08-27 12:21 (30)	14		10 - 40

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021133	Alkaline Phosphatase (U/L)	Screening	2020-06-01 11:53 (-25)	45		43 - 115
		Day 29	2020-07-29 12:23 (34)	43		43 - 115
		Day 57	2020-08-27 12:21 (30)	42 (L)		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-01 11:53 (-25)	21		10 - 43
		Day 29	2020-07-29 12:23 (34)	15		10 - 43
		Day 57	2020-08-27 12:21 (30)	16		10 - 43
	Bilirubin (umol/L)	Screening	2020-06-01 11:53 (-25)	5.3		- 18.8
		Day 29	2020-07-29 12:23 (34)	6.2		- 18.8
		Day 57	2020-08-27 12:21 (30)	5.1		- 18.8
	Creatinine (umol/L)	Screening	2020-06-01 11:53 (-25)	97		62 - 124
		Day 29	2020-07-29 12:23 (34)	106		62 - 124
		Day 57	2020-08-27 12:21 (30)	106		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021133	Direct Bilirubin (umol/L)	Screening	2020-06-01 11:53 (-25)	<3.4		0 - 6.8
		Day 29	2020-07-29 12:23 (34)	<3.4		0 - 6.8
		Day 57	2020-08-27 12:21 (30)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-01 11:53 (-25)	6.78		1.78 - 7.14
		Day 29	2020-07-29 12:23 (34)	8.21 (H)	G1 Blood Urea Nitrogen Increased	1.78 - 7.14
		Day 57	2020-08-27 12:21 (30)	9.28 (H)	G1 Blood Urea Nitrogen Increased	1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-01 11:53 (-25)	17.3		7.8 - 26.7
		Day 29	2020-07-29 12:23 (34)	19.2		7.8 - 26.7
		Day 57	2020-08-27 12:21 (30)	21.7		7.8 - 26.7
US2021190	Alanine Aminotransferase (U/L)	Screening	2020-06-11 13:24 (-15)	29		10 - 33
		Day 29	2020-07-29 14:29 (34)	24		10 - 33

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021190	Alanine Aminotransferase (U/L)	Day 57	2020-08-25 14:28 (28)	16		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-11 13:24 (-15)	76		30 - 115
		Day 29	2020-07-29 14:29 (34)	73		30 - 115
		Day 57	2020-08-25 14:28 (28)	71		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-11 13:24 (-15)	32		10 - 36
		Day 29	2020-07-29 14:29 (34)	31		10 - 36
		Day 57	2020-08-25 14:28 (28)	20		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-11 13:24 (-15)	11.6		- 18.8
		Day 29	2020-07-29 14:29 (34)	8.9		- 18.8
		Day 57	2020-08-25 14:28 (28)	8.0		- 18.8
	Creatinine (umol/L)	Screening	2020-06-11 13:24 (-15)	62		62 - 124
		Day 29	2020-07-29 14:29 (34)	62		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021190	Creatinine (umol/L)	Day 57	2020-08-25 14:28 (28)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-11 13:24 (-15)	3.6		0 - 6.8
		Day 29	2020-07-29 14:29 (34)	<3.4		0 - 6.8
		Day 57	2020-08-25 14:28 (28)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-11 13:24 (-15)	57.4 (H)		1.7 - 21.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-11 13:24 (-15)	4.28		1.78 - 7.14
		Day 29	2020-07-29 14:29 (34)	3.57		1.78 - 7.14
		Day 57	2020-08-25 14:28 (28)	4.64		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-11 13:24 (-15)	17.1		7.8 - 26.7
		Day 29	2020-07-29 14:29 (34)	14.3		7.8 - 26.7
		Day 57	2020-08-25 14:28 (28)	18.6		7.8 - 26.7
US2021192	Alanine Aminotransferase (U/L)	Screening	2020-06-12 09:32 (-14)	19		10 - 40

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021192	Alanine Aminotransferase (U/L)	Day 29	2020-07-27 09:40 (32)	17		10 - 40
		Day 57	2020-08-21 08:42 (26)	16		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-12 09:32 (-14)	64		43 - 115
		Day 29	2020-07-27 09:40 (32)	60		43 - 115
		Day 57	2020-08-21 08:42 (26)	69		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-12 09:32 (-14)	17		10 - 43
		Day 29	2020-07-27 09:40 (32)	13		10 - 43
		Day 57	2020-08-21 08:42 (26)	15		10 - 43
	Bilirubin (umol/L)	Screening	2020-06-12 09:32 (-14)	6.5		- 18.8
		Day 29	2020-07-27 09:40 (32)	6.7		- 18.8
		Day 57	2020-08-21 08:42 (26)	5.5		- 18.8
	Creatinine (umol/L)	Screening	2020-06-12 09:32 (-14)	71		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021192	Creatinine (umol/L)	Day 29	2020-07-27 09:40 (32)	71		62 - 124
		Day 57	2020-08-21 08:42 (26)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-12 09:32 (-14)	<3.4		0 - 6.8
		Day 29	2020-07-27 09:40 (32)	<3.4		0 - 6.8
		Day 57	2020-08-21 08:42 (26)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-12 09:32 (-14)	4.28		1.78 - 7.14
		Day 29	2020-07-27 09:40 (32)	5.00		1.78 - 7.14
		Day 57	2020-08-21 08:42 (26)	5.00		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-12 09:32 (-14)	15.0		7.8 - 26.7
		Day 29	2020-07-27 09:40 (32)	17.5		7.8 - 26.7
		Day 57	2020-08-21 08:42 (26)	20.0		7.8 - 26.7
US2021205	Alanine Aminotransferase (U/L)	Screening	2020-06-17 09:31 (-9)	15		10 - 33

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021205	Alanine Aminotransferase (U/L)	Day 57	2020-08-25 09:13 (26)	15		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-17 09:31 (-9)	111		30 - 115
		Day 57	2020-08-25 09:13 (26)	128 (H)	G1 Alkaline Phosphatase Increased	30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-17 09:31 (-9)	28		10 - 36
		Day 57	2020-08-25 09:13 (26)	29		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-17 09:31 (-9)	5.3		- 18.8
		Day 57	2020-08-25 09:13 (26)	3.8		- 18.8
	Creatinine (umol/L)	Screening	2020-06-17 09:31 (-9)	71		62 - 124
		Day 57	2020-08-25 09:13 (26)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-17 09:31 (-9)	<3.4		0 - 6.8
		Day 57	2020-08-25 09:13 (26)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-17 09:31 (-9)	5.3		1.7 - 21.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021205	Urea Nitrogen (mmol/L)	Screening	2020-06-17 09:31 (-9)	4.64		1.78 - 7.14
		Day 57	2020-08-25 09:13 (26)	6.07		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-17 09:31 (-9)	16.2		7.8 - 26.7
		Day 57	2020-08-25 09:13 (26)	21.2		7.8 - 26.7
US2021216	Alanine Aminotransferase (U/L)	Screening	2020-06-19 08:57 (-13)	15		10 - 33
		Day 29	2020-08-03 13:58 (33)	18		10 - 33
		Day 57	2020-08-28 09:36 (26)	21		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-19 08:57 (-13)	81		30 - 115
		Day 29	2020-08-03 13:58 (33)	86		30 - 115
		Day 57	2020-08-28 09:36 (26)	84		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-19 08:57 (-13)	18		10 - 36
		Day 29	2020-08-03 13:58 (33)	16		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021216	Aspartate Aminotransferase (U/L)	Day 57	2020-08-28 09:36 (26)	18		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-19 08:57 (-13)	8.0		- 18.8
		Day 29	2020-08-03 13:58 (33)	5.0		- 18.8
		Day 57	2020-08-28 09:36 (26)	6.8		- 18.8
	Creatinine (umol/L)	Screening	2020-06-19 08:57 (-13)	62		62 - 124
		Day 29	2020-08-03 13:58 (33)	53 (L)		62 - 124
		Day 57	2020-08-28 09:36 (26)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-19 08:57 (-13)	<3.4		0 - 6.8
		Day 29	2020-08-03 13:58 (33)	<3.4		0 - 6.8
		Day 57	2020-08-28 09:36 (26)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-19 08:57 (-13)	72.3 (H)		1.7 - 21.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-19 08:57 (-13)	3.93		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021216	Urea Nitrogen (mmol/L)	Day 29	2020-08-03 13:58 (33)	5.00		1.78 - 7.14
		Day 57	2020-08-28 09:36 (26)	3.93		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-19 08:57 (-13)	15.7		7.8 - 26.7
		Day 29	2020-08-03 13:58 (33)	23.3		7.8 - 26.7
		Day 57	2020-08-28 09:36 (26)	18.3		7.8 - 26.7
US2021217	Alanine Aminotransferase (U/L)	Screening	2020-06-19 11:49 (-10)	16		10 - 33
		Day 29	2020-07-29 12:58 (31)	18		10 - 33
		Day 57	2020-08-26 12:48 (29)	14		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-19 11:49 (-10)	52		30 - 115
		Day 29	2020-07-29 12:58 (31)	52		30 - 115
		Day 57	2020-08-26 12:48 (29)	50		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-19 11:49 (-10)	21		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021217	Aspartate Aminotransferase (U/L)	Day 29	2020-07-29 12:58 (31)	25		10 - 36
		Day 57	2020-08-26 12:48 (29)	18		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-19 11:49 (-10)	7.2		- 18.8
		Day 29	2020-07-29 12:58 (31)	5.6		- 18.8
		Day 57	2020-08-26 12:48 (29)	5.6		- 18.8
	Creatinine (umol/L)	Screening	2020-06-19 11:49 (-10)	53 (L)		62 - 124
		Day 29	2020-07-29 12:58 (31)	35 (L)		62 - 124
		Day 57	2020-08-26 12:48 (29)	35 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-19 11:49 (-10)	<3.4		0 - 6.8
		Day 29	2020-07-29 12:58 (31)	<3.4		0 - 6.8
		Day 57	2020-08-26 12:48 (29)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-19 11:49 (-10)	76.3 (H)		1.7 - 21.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021217	Urea Nitrogen (mmol/L)	Screening	2020-06-19 11:49 (-10)	3.57		1.78 - 7.14
		Day 29	2020-07-29 12:58 (31)	3.93		1.78 - 7.14
		Day 57	2020-08-26 12:48 (29)	4.28		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-19 11:49 (-10)	16.7		7.8 - 26.7
		Day 29	2020-07-29 12:58 (31)	27.5 (H)		7.8 - 26.7
		Day 57	2020-08-26 12:48 (29)	30.0 (H)		7.8 - 26.7
US2021220	Alanine Aminotransferase (U/L)	Screening	2020-06-24 12:22 (-5)	10		10 - 40
		Day 29	2020-07-29 13:20 (31)	10		10 - 40
		Day 57	2020-08-25 13:34 (28)	12		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-24 12:22 (-5)	60		43 - 115
		Day 29	2020-07-29 13:20 (31)	62		43 - 115
		Day 57	2020-08-25 13:34 (28)	60		43 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021220	Aspartate Aminotransferase (U/L)	Screening	2020-06-24 12:22 (-5)	15		10 - 43
		Day 29	2020-07-29 13:20 (31)	14		10 - 43
		Day 57	2020-08-25 13:34 (28)	13		10 - 43
	Bilirubin (umol/L)	Screening	2020-06-24 12:22 (-5)	5.6		- 18.8
		Day 29	2020-07-29 13:20 (31)	5.8		- 18.8
		Day 57	2020-08-25 13:34 (28)	6.7		- 18.8
	Creatinine (umol/L)	Screening	2020-06-24 12:22 (-5)	106		62 - 124
		Day 29	2020-07-29 13:20 (31)	106		62 - 124
		Day 57	2020-08-25 13:34 (28)	88		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-24 12:22 (-5)	<3.4		0 - 6.8
		Day 29	2020-07-29 13:20 (31)	<3.4		0 - 6.8
		Day 57	2020-08-25 13:34 (28)	<3.4		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021220	Urea Nitrogen (mmol/L)	Screening	2020-06-24 12:22 (-5)	5.00		1.78 - 7.14
		Day 29	2020-07-29 13:20 (31)	5.00		1.78 - 7.14
		Day 57	2020-08-25 13:34 (28)	5.71		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-24 12:22 (-5)	11.7		7.8 - 26.7
		Day 29	2020-07-29 13:20 (31)	11.7		7.8 - 26.7
		Day 57	2020-08-25 13:34 (28)	16.0		7.8 - 26.7
US2021226	Alanine Aminotransferase (U/L)	Screening	2020-06-30 16:31 (-6)	7 (L)		10 - 33
		Day 29	2020-08-04 10:04 (30)	6 (L)		10 - 33
		Day 57	2020-09-03 15:00 (31)	9 (L)		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-30 16:31 (-6)	64		30 - 115
		Day 29	2020-08-04 10:04 (30)	57		30 - 115
		Day 57	2020-09-03 15:00 (31)	63		30 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021226	Aspartate Aminotransferase (U/L)	Screening	2020-06-30 16:31 (-6)	12		10 - 36
		Day 29	2020-08-04 10:04 (30)	15		10 - 36
		Day 57	2020-09-03 15:00 (31)	15		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-30 16:31 (-6)	10.4		- 18.8
		Day 29	2020-08-04 10:04 (30)	9.6		- 18.8
		Day 57	2020-09-03 15:00 (31)	11.6		- 18.8
	Creatinine (umol/L)	Screening	2020-06-30 16:31 (-6)	80		62 - 124
		Day 29	2020-08-04 10:04 (30)	71		62 - 124
		Day 57	2020-09-03 15:00 (31)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-30 16:31 (-6)	<3.4		0 - 6.8
		Day 29	2020-08-04 10:04 (30)	<3.4		0 - 6.8
		Day 57	2020-09-03 15:00 (31)	<3.4		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021226	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-30 16:31 (-6)	42.3 (H)		1.7 - 21.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-30 16:31 (-6)	7.85 (H)		1.78 - 7.14
		Day 29	2020-08-04 10:04 (30)	7.85 (H)		1.78 - 7.14
		Day 57	2020-09-03 15:00 (31)	6.43		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-30 16:31 (-6)	24.4		7.8 - 26.7
		Day 29	2020-08-04 10:04 (30)	27.5 (H)		7.8 - 26.7
		Day 57	2020-09-03 15:00 (31)	22.5		7.8 - 26.7
US2031086	Alanine Aminotransferase (U/L)	Screening	2020-06-08 10:15 (-18)	21		10 - 33
		Day 29	2020-07-27 11:18 (32)	15		10 - 33
		Day 57	2020-08-24 08:24 (29)	29		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-08 10:15 (-18)	59		30 - 115
		Day 29	2020-07-27 11:18 (32)	53		30 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031086	Alkaline Phosphatase (U/L)	Day 57	2020-08-24 08:24 (29)	55		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-08 10:15 (-18)	23		10 - 36
		Day 29	2020-07-27 11:18 (32)	20		10 - 36
		Day 57	2020-08-24 08:24 (29)	22		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-08 10:15 (-18)	5.8		- 18.8
		Day 29	2020-07-27 11:18 (32)	4.8		- 18.8
		Day 57	2020-08-24 08:24 (29)	3.6		- 18.8
	Creatinine (umol/L)	Screening	2020-06-08 10:15 (-18)	53 (L)		62 - 124
		Day 29	2020-07-27 11:18 (32)	44 (L)		62 - 124
		Day 57	2020-08-24 08:24 (29)	44 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-08 10:15 (-18)	<3.4		0 - 6.8
		Day 29	2020-07-27 11:18 (32)	<3.4		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031086	Direct Bilirubin (umol/L)	Day 57	2020-08-24 08:24 (29)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-08 10:15 (-18)	63.2 (H)		1.7 - 21.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-08 10:15 (-18)	3.57		1.78 - 7.14
		Day 29	2020-07-27 11:18 (32)	3.57		1.78 - 7.14
		Day 57	2020-08-24 08:24 (29)	2.86		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-08 10:15 (-18)	16.7		7.8 - 26.7
		Day 29	2020-07-27 11:18 (32)	20.0		7.8 - 26.7
		Day 57	2020-08-24 08:24 (29)	16.0		7.8 - 26.7
US2031096	Alanine Aminotransferase (U/L)	Screening	2020-06-09 10:56 (-17)	20		10 - 33
		Day 29	2020-07-27 11:28 (32)	17		10 - 33
		Day 57	2020-08-24 09:27 (29)	16		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-09 10:56 (-17)	51		30 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031096	Alkaline Phosphatase (U/L)	Day 29	2020-07-27 11:28 (32)	49		30 - 115
		Day 57	2020-08-24 09:27 (29)	55		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-09 10:56 (-17)	25		10 - 36
		Day 29	2020-07-27 11:28 (32)	21		10 - 36
		Day 57	2020-08-24 09:27 (29)	18		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-09 10:56 (-17)	16.6		- 18.8
		Day 29	2020-07-27 11:28 (32)	11.3		- 18.8
		Day 57	2020-08-24 09:27 (29)	9.9		- 18.8
	Creatinine (umol/L)	Screening	2020-06-09 10:56 (-17)	62		62 - 124
		Day 29	2020-07-27 11:28 (32)	62		62 - 124
		Day 57	2020-08-24 09:27 (29)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-09 10:56 (-17)	3.9		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031096	Direct Bilirubin (umol/L)	Day 29	2020-07-27 11:28 (32)	<3.4		0 - 6.8
		Day 57	2020-08-24 09:27 (29)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-09 10:56 (-17)	67.6 (H)		1.7 - 21.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-09 10:56 (-17)	4.64		1.78 - 7.14
		Day 29	2020-07-27 11:28 (32)	4.64		1.78 - 7.14
		Day 57	2020-08-24 09:27 (29)	5.71		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-09 10:56 (-17)	18.6		7.8 - 26.7
		Day 29	2020-07-27 11:28 (32)	18.6		7.8 - 26.7
		Day 57	2020-08-24 09:27 (29)	22.9		7.8 - 26.7
US2031097	Alanine Aminotransferase (U/L)	Screening	2020-06-09 11:38 (-21)	12		10 - 33
		Day 29	2020-08-03 15:40 (35)	14		10 - 33
		Day 57	2020-09-02 09:46 (31)	11		10 - 33

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031097	Alkaline Phosphatase (U/L)	Screening	2020-06-09 11:38 (-21)	77		30 - 115
		Day 29	2020-08-03 15:40 (35)	71		30 - 115
		Day 57	2020-09-02 09:46 (31)	68		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-09 11:38 (-21)	14		10 - 36
		Day 29	2020-08-03 15:40 (35)	20		10 - 36
		Day 57	2020-09-02 09:46 (31)	15		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-09 11:38 (-21)	6.5		- 18.8
		Day 29	2020-08-03 15:40 (35)	6.0		- 18.8
		Day 57	2020-09-02 09:46 (31)	6.8		- 18.8
	Creatinine (umol/L)	Screening	2020-06-09 11:38 (-21)	53 (L)		62 - 124
		Day 29	2020-08-03 15:40 (35)	53 (L)		62 - 124
		Day 57	2020-09-02 09:46 (31)	53 (L)		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031097	Direct Bilirubin (umol/L)	Screening	2020-06-09 11:38 (-21)	<3.4		0 - 6.8
		Day 29	2020-08-03 15:40 (35)	<3.4		0 - 6.8
		Day 57	2020-09-02 09:46 (31)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-09 11:38 (-21)	37.2 (H)		1.7 - 21.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-09 11:38 (-21)	5.00		1.78 - 7.14
		Day 29	2020-08-03 15:40 (35)	5.00		1.78 - 7.14
		Day 57	2020-09-02 09:46 (31)	3.93		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-09 11:38 (-21)	23.3		7.8 - 26.7
		Day 29	2020-08-03 15:40 (35)	23.3		7.8 - 26.7
		Day 57	2020-09-02 09:46 (31)	18.3		7.8 - 26.7
US2031104	Alanine Aminotransferase (U/L)	Screening	2020-06-10 09:00 (-16)	23		10 - 33
		Day 29	2020-07-31 12:26 (36)	17		10 - 33

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031104	Alanine Aminotransferase (U/L)	Day 57	2020-08-25 08:38 (26)	15		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-10 09:00 (-16)	98		30 - 115
		Day 29	2020-07-31 12:26 (36)	107		30 - 115
		Day 57	2020-08-25 08:38 (26)	92		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-10 09:00 (-16)	24		10 - 36
		Day 29	2020-07-31 12:26 (36)	23		10 - 36
		Day 57	2020-08-25 08:38 (26)	18		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-10 09:00 (-16)	8.4		- 18.8
		Day 29	2020-07-31 12:26 (36)	7.9		- 18.8
		Day 57	2020-08-25 08:38 (26)	7.4		- 18.8
	Creatinine (umol/L)	Screening	2020-06-10 09:00 (-16)	71		62 - 124
		Day 29	2020-07-31 12:26 (36)	71		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031104	Creatinine (umol/L)	Day 57	2020-08-25 08:38 (26)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-10 09:00 (-16)	<3.4		0 - 6.8
		Day 29	2020-07-31 12:26 (36)	<3.4		0 - 6.8
		Day 57	2020-08-25 08:38 (26)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-10 09:00 (-16)	4.28		1.78 - 7.14
		Day 29	2020-07-31 12:26 (36)	5.35		1.78 - 7.14
		Day 57	2020-08-25 08:38 (26)	6.78		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-10 09:00 (-16)	15.0		7.8 - 26.7
		Day 29	2020-07-31 12:26 (36)	18.8		7.8 - 26.7
		Day 57	2020-08-25 08:38 (26)	23.8		7.8 - 26.7
US2031105	Alanine Aminotransferase (U/L)	Screening	2020-06-10 11:23 (-16)	25		10 - 33
		Day 29	2020-07-28 08:12 (33)	22		10 - 33

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031105	Alanine Aminotransferase (U/L)	Day 57	2020-08-24 08:00 (28)	25		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-10 11:23 (-16)	79		30 - 115
		Day 29	2020-07-28 08:12 (33)	75		30 - 115
		Day 57	2020-08-24 08:00 (28)	77		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-10 11:23 (-16)	27		10 - 36
		Day 29	2020-07-28 08:12 (33)	24		10 - 36
		Day 57	2020-08-24 08:00 (28)	25		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-10 11:23 (-16)	15.2		- 18.8
		Day 29	2020-07-28 08:12 (33)	6.8		- 18.8
		Day 57	2020-08-24 08:00 (28)	3.2		- 18.8
	Creatinine (umol/L)	Screening	2020-06-10 11:23 (-16)	53 (L)		62 - 124
		Day 29	2020-07-28 08:12 (33)	62		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031105	Creatinine (umol/L)	Day 57	2020-08-24 08:00 (28)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-10 11:23 (-16)	<3.4		0 - 6.8
		Day 29	2020-07-28 08:12 (33)	<3.4		0 - 6.8
		Day 57	2020-08-24 08:00 (28)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-10 11:23 (-16)	122.4 (H)		1.7 - 21.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-10 11:23 (-16)	6.43		1.78 - 7.14
		Day 29	2020-07-28 08:12 (33)	7.14		1.78 - 7.14
		Day 57	2020-08-24 08:00 (28)	4.64		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-10 11:23 (-16)	30.0 (H)		7.8 - 26.7
		Day 29	2020-07-28 08:12 (33)	28.6 (H)		7.8 - 26.7
		Day 57	2020-08-24 08:00 (28)	21.7		7.8 - 26.7
US2031106	Alanine Aminotransferase (U/L)	Screening	2020-06-10 14:10 (-16)	16		10 - 33

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031106	Alanine Aminotransferase (U/L)	Day 29	2020-07-29 16:34 (34)	14		10 - 33
		Day 57	2020-08-27 11:15 (30)	16		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-10 14:10 (-16)	106		30 - 115
		Day 29	2020-07-29 16:34 (34)	99		30 - 115
		Day 57	2020-08-27 11:15 (30)	85		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-10 14:10 (-16)	16		10 - 36
		Day 29	2020-07-29 16:34 (34)	18		10 - 36
		Day 57	2020-08-27 11:15 (30)	16		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-10 14:10 (-16)	3.1		- 18.8
		Day 29	2020-07-29 16:34 (34)	2.9		- 18.8
		Day 57	2020-08-27 11:15 (30)	3.9		- 18.8
	Creatinine (umol/L)	Screening	2020-06-10 14:10 (-16)	35 (L)		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031106	Creatinine (umol/L)	Day 29	2020-07-29 16:34 (34)	44 (L)		62 - 124
		Day 57	2020-08-27 11:15 (30)	44 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-10 14:10 (-16)	<3.4		0 - 6.8
		Day 29	2020-07-29 16:34 (34)	<3.4		0 - 6.8
		Day 57	2020-08-27 11:15 (30)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-10 14:10 (-16)	76.5 (H)		1.7 - 21.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-10 14:10 (-16)	4.28		1.78 - 7.14
		Day 29	2020-07-29 16:34 (34)	5.00		1.78 - 7.14
		Day 57	2020-08-27 11:15 (30)	4.64		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-10 14:10 (-16)	30.0 (H)		7.8 - 26.7
		Day 29	2020-07-29 16:34 (34)	28.0 (H)		7.8 - 26.7
		Day 57	2020-08-27 11:15 (30)	26.0		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031107	Alanine Aminotransferase (U/L)	Screening	2020-06-10 14:30 (-19)	18		10 - 33
		Day 29	2020-07-27 12:15 (29)	15		10 - 33
		Day 57	2020-09-02 08:18 (38)	15		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-10 14:30 (-19)	69		30 - 115
		Day 29	2020-07-27 12:15 (29)	66		30 - 115
		Day 57	2020-09-02 08:18 (38)	66		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-10 14:30 (-19)	19		10 - 36
		Day 29	2020-07-27 12:15 (29)	19		10 - 36
		Day 57	2020-09-02 08:18 (38)	14		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-10 14:30 (-19)	4.3		- 18.8
		Day 29	2020-07-27 12:15 (29)	3.1		- 18.8
		Day 57	2020-09-02 08:18 (38)	6.7		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031107	Creatinine (umol/L)	Screening	2020-06-10 14:30 (-19)	71		62 - 124
		Day 29	2020-07-27 12:15 (29)	62		62 - 124
		Day 57	2020-09-02 08:18 (38)	80		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-10 14:30 (-19)	<3.4		0 - 6.8
		Day 29	2020-07-27 12:15 (29)	<3.4		0 - 6.8
		Day 57	2020-09-02 08:18 (38)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-10 14:30 (-19)	106.0 (H)		1.7 - 21.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-10 14:30 (-19)	6.43		1.78 - 7.14
		Day 29	2020-07-27 12:15 (29)	3.93		1.78 - 7.14
		Day 57	2020-09-02 08:18 (38)	5.71		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-10 14:30 (-19)	22.5		7.8 - 26.7
		Day 29	2020-07-27 12:15 (29)	15.7		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031107	Urea Nitrogen/Creatinine	Day 57	2020-09-02 08:18 (38)	17.8		7.8 - 26.7
US2031108	Alanine Aminotransferase (U/L)	Screening	2020-06-10 14:49 (-26)	25		10 - 33
		Day 29	2020-08-03 09:18 (29)	27		10 - 33
		Day 57	2020-08-28 08:12 (26)	22		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-10 14:49 (-26)	71		30 - 115
		Day 29	2020-08-03 09:18 (29)	69		30 - 115
		Day 57	2020-08-28 08:12 (26)	72		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-10 14:49 (-26)	22		10 - 36
		Day 29	2020-08-03 09:18 (29)	23		10 - 36
		Day 57	2020-08-28 08:12 (26)	19		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-10 14:49 (-26)	3.6		- 18.8
		Day 29	2020-08-03 09:18 (29)	4.4		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031108	Bilirubin (umol/L)	Day 57	2020-08-28 08:12 (26)	4.8		- 18.8
	Creatinine (umol/L)	Screening	2020-06-10 14:49 (-26)	35 (L)		62 - 124
		Day 29	2020-08-03 09:18 (29)	44 (L)		62 - 124
		Day 57	2020-08-28 08:12 (26)	35 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-10 14:49 (-26)	<3.4		0 - 6.8
		Day 29	2020-08-03 09:18 (29)	<3.4		0 - 6.8
		Day 57	2020-08-28 08:12 (26)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-10 14:49 (-26)	91.3 (H)		1.7 - 21.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-10 14:49 (-26)	3.57		1.78 - 7.14
		Day 29	2020-08-03 09:18 (29)	3.57		1.78 - 7.14
		Day 57	2020-08-28 08:12 (26)	6.43		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-10 14:49 (-26)	25.0		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031108	Urea Nitrogen/Creatinine	Day 29	2020-08-03 09:18 (29)	20.0		7.8 - 26.7
		Day 57	2020-08-28 08:12 (26)	45.0 (H)		7.8 - 26.7
US2031109	Alanine Aminotransferase (U/L)	Screening	2020-06-10 15:08 (-16)	13		10 - 33
		Day 29	2020-07-27 10:20 (32)	8 (L)		10 - 33
		Day 57	2020-08-24 09:11 (29)	10		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-10 15:08 (-16)	83		30 - 115
		Day 29	2020-07-27 10:20 (32)	80		30 - 115
		Day 57	2020-08-24 09:11 (29)	80		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-10 15:08 (-16)	20		10 - 36
		Day 29	2020-07-27 10:20 (32)	18		10 - 36
		Day 57	2020-08-24 09:11 (29)	21		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-10 15:08 (-16)	5.8		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031109	Bilirubin (umol/L)	Day 29	2020-07-27 10:20 (32)	5.8		- 18.8
		Day 57	2020-08-24 09:11 (29)	7.0		- 18.8
	Creatinine (umol/L)	Screening	2020-06-10 15:08 (-16)	106		62 - 124
		Day 29	2020-07-27 10:20 (32)	53 (L)		62 - 124
		Day 57	2020-08-24 09:11 (29)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-10 15:08 (-16)	<3.4		0 - 6.8
		Day 29	2020-07-27 10:20 (32)	<3.4		0 - 6.8
		Day 57	2020-08-24 09:11 (29)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-10 15:08 (-16)	88.9 (H)		1.7 - 21.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-10 15:08 (-16)	7.50 (H)		1.78 - 7.14
		Day 29	2020-07-27 10:20 (32)	6.43		1.78 - 7.14
		Day 57	2020-08-24 09:11 (29)	7.14		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031109	Urea Nitrogen/Creatinine	Screening	2020-06-10 15:08 (-16)	17.5		7.8 - 26.7
		Day 29	2020-07-27 10:20 (32)	30.0 (H)		7.8 - 26.7
		Day 57	2020-08-24 09:11 (29)	33.3 (H)		7.8 - 26.7
US2031114	Alanine Aminotransferase (U/L)	Screening	2020-06-11 08:24 (-20)	13		10 - 33
		Day 29	2020-07-29 08:34 (29)	8 (L)		10 - 33
		Day 57	2020-08-27 08:07 (30)	12		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-11 08:24 (-20)	47		30 - 115
		Day 29	2020-07-29 08:34 (29)	44		30 - 115
		Day 57	2020-08-27 08:07 (30)	43		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-11 08:24 (-20)	24		10 - 36
		Day 29	2020-07-29 08:34 (29)	19		10 - 36
		Day 57	2020-08-27 08:07 (30)	24		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031114	Bilirubin (umol/L)	Screening	2020-06-11 08:24 (-20)	8.2		- 18.8
		Day 29	2020-07-29 08:34 (29)	7.7		- 18.8
		Day 57	2020-08-27 08:07 (30)	7.9		- 18.8
	Creatinine (umol/L)	Screening	2020-06-11 08:24 (-20)	62		62 - 124
		Day 29	2020-07-29 08:34 (29)	62		62 - 124
		Day 57	2020-08-27 08:07 (30)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-11 08:24 (-20)	<3.4		0 - 6.8
		Day 29	2020-07-29 08:34 (29)	<3.4		0 - 6.8
		Day 57	2020-08-27 08:07 (30)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-11 08:24 (-20)	131.7 (H)		1.7 - 21.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-11 08:24 (-20)	6.78		1.78 - 7.14
		Day 29	2020-07-29 08:34 (29)	6.43		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031114	Urea Nitrogen (mmol/L)	Day 57	2020-08-27 08:07 (30)	6.07		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-11 08:24 (-20)	27.1 (H)		7.8 - 26.7
		Day 29	2020-07-29 08:34 (29)	25.7		7.8 - 26.7
		Day 57	2020-08-27 08:07 (30)	21.2		7.8 - 26.7
US2031121	Alanine Aminotransferase (U/L)	Screening	2020-06-12 14:02 (-18)	16		10 - 33
		Day 29	2020-07-28 13:37 (29)	15		10 - 33
		Day 57	2020-08-24 13:23 (28)	18		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-12 14:02 (-18)	83		30 - 115
		Day 29	2020-07-28 13:37 (29)	78		30 - 115
		Day 57	2020-08-24 13:23 (28)	80		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-12 14:02 (-18)	21		10 - 36
		Day 29	2020-07-28 13:37 (29)	15		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031121	Aspartate Aminotransferase (U/L)	Day 57	2020-08-24 13:23 (28)	21		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-12 14:02 (-18)	3.8		- 18.8
		Day 29	2020-07-28 13:37 (29)	3.8		- 18.8
		Day 57	2020-08-24 13:23 (28)	4.6		- 18.8
	Creatinine (umol/L)	Screening	2020-06-12 14:02 (-18)	71		62 - 124
		Day 29	2020-07-28 13:37 (29)	80		62 - 124
		Day 57	2020-08-24 13:23 (28)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-12 14:02 (-18)	<3.4		0 - 6.8
		Day 29	2020-07-28 13:37 (29)	<3.4		0 - 6.8
		Day 57	2020-08-24 13:23 (28)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-12 14:02 (-18)	69.9 (H)		1.7 - 21.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-12 14:02 (-18)	6.07		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031121	Urea Nitrogen (mmol/L)	Day 29	2020-07-28 13:37 (29)	6.78		1.78 - 7.14
		Day 57	2020-08-24 13:23 (28)	6.07		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-12 14:02 (-18)	21.2		7.8 - 26.7
		Day 29	2020-07-28 13:37 (29)	21.1		7.8 - 26.7
		Day 57	2020-08-24 13:23 (28)	24.3		7.8 - 26.7
US2031128	Alanine Aminotransferase (U/L)	Screening	2020-06-23 13:54 (-8)	14		10 - 33
		Day 29	2020-07-29 12:44 (29)	11		10 - 33
		Day 57	2020-08-26 13:21 (29)	15		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-23 13:54 (-8)	63		30 - 115
		Day 29	2020-07-29 12:44 (29)	67		30 - 115
		Day 57	2020-08-26 13:21 (29)	66		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-23 13:54 (-8)	29		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031128	Aspartate Aminotransferase (U/L)	Day 29	2020-07-29 12:44 (29)	28		10 - 36
		Day 57	2020-08-26 13:21 (29)	25		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-23 13:54 (-8)	9.2		- 18.8
		Day 29	2020-07-29 12:44 (29)	7.5		- 18.8
		Day 57	2020-08-26 13:21 (29)	8.0		- 18.8
	Creatinine (umol/L)	Screening	2020-06-23 13:54 (-8)	53 (L)		62 - 124
		Day 29	2020-07-29 12:44 (29)	53 (L)		62 - 124
		Day 57	2020-08-26 13:21 (29)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-23 13:54 (-8)	<3.4		0 - 6.8
		Day 29	2020-07-29 12:44 (29)	<3.4		0 - 6.8
		Day 57	2020-08-26 13:21 (29)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-23 13:54 (-8)	61.1 (H)		1.7 - 21.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031128	Urea Nitrogen (mmol/L)	Screening	2020-06-23 13:54 (-8)	3.57		1.78 - 7.14
		Day 29	2020-07-29 12:44 (29)	4.28		1.78 - 7.14
		Day 57	2020-08-26 13:21 (29)	4.28		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-23 13:54 (-8)	16.7		7.8 - 26.7
		Day 29	2020-07-29 12:44 (29)	20.0		7.8 - 26.7
		Day 57	2020-08-26 13:21 (29)	17.1		7.8 - 26.7
US2041094	Alanine Aminotransferase (U/L)	Screening	2020-06-08 15:28 (-18)	22		10 - 33
		Day 29	2020-07-24 13:35 (29)	23		10 - 33
		Day 57	2020-08-20 13:36 (28)	31		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-08 15:28 (-18)	70		30 - 115
		Day 29	2020-07-24 13:35 (29)	69		30 - 115
		Day 57	2020-08-20 13:36 (28)	69		30 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041094	Aspartate Aminotransferase (U/L)	Screening	2020-06-08 15:28 (-18)	26		10 - 36
		Day 29	2020-07-24 13:35 (29)	32		10 - 36
		Day 57	2020-08-20 13:36 (28)	36		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-08 15:28 (-18)	2.6		- 18.8
		Day 29	2020-07-24 13:35 (29)	5.5		- 18.8
		Day 57	2020-08-20 13:36 (28)	2.6		- 18.8
	Creatinine (umol/L)	Screening	2020-06-08 15:28 (-18)	53 (L)		62 - 124
		Day 29	2020-07-24 13:35 (29)	53 (L)		62 - 124
		Day 57	2020-08-20 13:36 (28)	44 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-08 15:28 (-18)	<3.4		0 - 6.8
		Day 29	2020-07-24 13:35 (29)	<3.4		0 - 6.8
		Day 57	2020-08-20 13:36 (28)	<3.4		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041094	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-08 15:28 (-18)	71.7 (H)		1.7 - 21.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-08 15:28 (-18)	4.28		1.78 - 7.14
		Day 29	2020-07-24 13:35 (29)	2.86		1.78 - 7.14
		Day 57	2020-08-20 13:36 (28)	4.28		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-08 15:28 (-18)	20.0		7.8 - 26.7
		Day 29	2020-07-24 13:35 (29)	13.3		7.8 - 26.7
		Day 57	2020-08-20 13:36 (28)	24.0		7.8 - 26.7
US2041100	Alanine Aminotransferase (U/L)	Screening	2020-06-10 08:12 (-19)	25		10 - 33
		Day 29	2020-07-28 07:42 (30)	16		10 - 33
		Day 57	2020-08-25 07:11 (29)	16		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-10 08:12 (-19)	92		30 - 115
		Day 29	2020-07-28 07:42 (30)	76		30 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041100	Alkaline Phosphatase (U/L)	Day 57	2020-08-25 07:11 (29)	78		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-10 08:12 (-19)	30		10 - 36
		Day 29	2020-07-28 07:42 (30)	22		10 - 36
		Day 57	2020-08-25 07:11 (29)	19		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-10 08:12 (-19)	4.3		- 18.8
		Day 29	2020-07-28 07:42 (30)	5.3		- 18.8
		Day 57	2020-08-25 07:11 (29)	4.1		- 18.8
	Creatinine (umol/L)	Screening	2020-06-10 08:12 (-19)	53 (L)		62 - 124
		Day 29	2020-07-28 07:42 (30)	53 (L)		62 - 124
		Day 57	2020-08-25 07:11 (29)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-10 08:12 (-19)	<3.4		0 - 6.8
		Day 29	2020-07-28 07:42 (30)	<3.4		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041100	Direct Bilirubin (umol/L)	Day 57	2020-08-25 07:11 (29)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-10 08:12 (-19)	71.2 (H)		1.7 - 21.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-10 08:12 (-19)	5.71		1.78 - 7.14
		Day 29	2020-07-28 07:42 (30)	4.28		1.78 - 7.14
		Day 57	2020-08-25 07:11 (29)	4.64		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-10 08:12 (-19)	26.7		7.8 - 26.7
		Day 29	2020-07-28 07:42 (30)	20.0		7.8 - 26.7
		Day 57	2020-08-25 07:11 (29)	21.7		7.8 - 26.7
US2041103	Alanine Aminotransferase (U/L)	Screening	2020-06-10 11:21 (-16)	18		10 - 40
		Unscheduled	2020-06-16 10:09 (-10)	18		10 - 40
		Day 29	2020-07-24 10:40 (29)	16		10 - 40
		Day 57	2020-08-18 09:24 (26)	14		10 - 40

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041103	Alkaline Phosphatase (U/L)	Screening	2020-06-10 11:21 (-16)	76		43 - 115
		Unscheduled	2020-06-16 10:09 (-10)	78		43 - 115
		Day 29	2020-07-24 10:40 (29)	71		43 - 115
		Day 57	2020-08-18 09:24 (26)	69		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-10 11:21 (-16)	20		10 - 43
		Unscheduled	2020-06-16 10:09 (-10)	19		10 - 43
		Day 29	2020-07-24 10:40 (29)	19		10 - 43
		Day 57	2020-08-18 09:24 (26)	15		10 - 43
	Bilirubin (umol/L)	Screening	2020-06-10 11:21 (-16)	6.8		- 18.8
		Unscheduled	2020-06-16 10:09 (-10)	11.8		- 18.8
		Day 29	2020-07-24 10:40 (29)	5.1		- 18.8
		Day 57	2020-08-18 09:24 (26)	6.0		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041103	Creatinine (umol/L)	Screening	2020-06-10 11:21 (-16)	44 (L)		62 - 124
		Unscheduled	2020-06-16 10:09 (-10)	53 (L)		62 - 124
		Day 29	2020-07-24 10:40 (29)	53 (L)		62 - 124
		Day 57	2020-08-18 09:24 (26)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-10 11:21 (-16)	<3.4		0 - 6.8
		Unscheduled	2020-06-16 10:09 (-10)	<3.4		0 - 6.8
		Day 29	2020-07-24 10:40 (29)	<3.4		0 - 6.8
		Day 57	2020-08-18 09:24 (26)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-10 11:21 (-16)	3.57		1.78 - 7.14
		Unscheduled	2020-06-16 10:09 (-10)	2.86		1.78 - 7.14
		Day 29	2020-07-24 10:40 (29)	4.28		1.78 - 7.14
		Day 57	2020-08-18 09:24 (26)	3.21		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041103	Urea Nitrogen/Creatinine	Screening	2020-06-10 11:21 (-16)	20.0		7.8 - 26.7
		Unscheduled	2020-06-16 10:09 (-10)	13.3		7.8 - 26.7
		Day 29	2020-07-24 10:40 (29)	20.0		7.8 - 26.7
		Day 57	2020-08-18 09:24 (26)	12.9		7.8 - 26.7
US2041104	Alanine Aminotransferase (U/L)	Screening	2020-06-10 10:52 (-16)	8 (L)		10 - 33
		Day 29	2020-07-24 10:53 (29)	7 (L)		10 - 33
		Day 57	2020-08-18 09:43 (26)	7 (L)		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-10 10:52 (-16)	97		30 - 115
		Day 29	2020-07-24 10:53 (29)	83		30 - 115
		Day 57	2020-08-18 09:43 (26)	74		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-10 10:52 (-16)	16		10 - 36
		Day 29	2020-07-24 10:53 (29)	14		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041104	Aspartate Aminotransferase (U/L)	Day 57	2020-08-18 09:43 (26)	15		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-10 10:52 (-16)	4.8		- 18.8
		Day 29	2020-07-24 10:53 (29)	4.3		- 18.8
		Day 57	2020-08-18 09:43 (26)	3.2		- 18.8
	Creatinine (umol/L)	Screening	2020-06-10 10:52 (-16)	53 (L)		62 - 124
		Day 29	2020-07-24 10:53 (29)	71		62 - 124
		Day 57	2020-08-18 09:43 (26)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-10 10:52 (-16)	<3.4		0 - 6.8
		Day 29	2020-07-24 10:53 (29)	<3.4		0 - 6.8
		Day 57	2020-08-18 09:43 (26)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-10 10:52 (-16)	55.5 (H)		1.7 - 21.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-10 10:52 (-16)	3.93		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041104	Urea Nitrogen (mmol/L)	Day 29	2020-07-24 10:53 (29)	4.28		1.78 - 7.14
		Day 57	2020-08-18 09:43 (26)	3.57		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-10 10:52 (-16)	18.3		7.8 - 26.7
		Day 29	2020-07-24 10:53 (29)	15.0		7.8 - 26.7
		Day 57	2020-08-18 09:43 (26)	12.5		7.8 - 26.7
US2041106	Alanine Aminotransferase (U/L)	Screening	2020-06-11 09:02 (-15)	20		10 - 40
		Day 29	2020-07-28 10:58 (33)	16		10 - 40
		Day 57	2020-08-25 10:49 (29)	15		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-11 09:02 (-15)	48		43 - 115
		Day 29	2020-07-28 10:58 (33)	47		43 - 115
		Day 57	2020-08-25 10:49 (29)	50		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-11 09:02 (-15)	24		10 - 43

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041106	Aspartate Aminotransferase (U/L)	Day 29	2020-07-28 10:58 (33)	24		10 - 43
		Day 57	2020-08-25 10:49 (29)	23		10 - 43
	Bilirubin (umol/L)	Screening	2020-06-11 09:02 (-15)	6.8		- 18.8
		Day 29	2020-07-28 10:58 (33)	10.6		- 18.8
		Day 57	2020-08-25 10:49 (29)	7.5		- 18.8
	Creatinine (umol/L)	Screening	2020-06-11 09:02 (-15)	71		62 - 124
		Day 29	2020-07-28 10:58 (33)	71		62 - 124
		Day 57	2020-08-25 10:49 (29)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-11 09:02 (-15)	<3.4		0 - 6.8
		Day 29	2020-07-28 10:58 (33)	<3.4		0 - 6.8
		Day 57	2020-08-25 10:49 (29)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-11 09:02 (-15)	7.85 (H)		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041106	Urea Nitrogen (mmol/L)	Day 29	2020-07-28 10:58 (33)	6.43		1.78 - 7.14
		Day 57	2020-08-25 10:49 (29)	6.43		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-11 09:02 (-15)	27.5 (H)		7.8 - 26.7
		Day 29	2020-07-28 10:58 (33)	22.5		7.8 - 26.7
		Day 57	2020-08-25 10:49 (29)	22.5		7.8 - 26.7
US2041109	Alanine Aminotransferase (U/L)	Screening	2020-06-11 10:10 (-15)	21		10 - 33
		Day 29	2020-07-27 11:19 (32)	13		10 - 33
		Day 57	2020-08-21 10:26 (26)	17		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-11 10:10 (-15)	38		30 - 115
		Day 29	2020-07-27 11:19 (32)	38		30 - 115
		Day 57	2020-08-21 10:26 (26)	38		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-11 10:10 (-15)	24		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041109	Aspartate Aminotransferase (U/L)	Day 29	2020-07-27 11:19 (32)	14		10 - 36
		Day 57	2020-08-21 10:26 (26)	18		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-11 10:10 (-15)	16.2		- 18.8
		Day 29	2020-07-27 11:19 (32)	8.7		- 18.8
		Day 57	2020-08-21 10:26 (26)	12.8		- 18.8
	Creatinine (umol/L)	Screening	2020-06-11 10:10 (-15)	35 (L)		62 - 124
		Day 29	2020-07-27 11:19 (32)	35 (L)		62 - 124
		Day 57	2020-08-21 10:26 (26)	35 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-11 10:10 (-15)	3.9		0 - 6.8
		Day 29	2020-07-27 11:19 (32)	3.4		0 - 6.8
		Day 57	2020-08-21 10:26 (26)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-11 10:10 (-15)	45.0 (H)		1.7 - 21.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041109	Urea Nitrogen (mmol/L)	Screening	2020-06-11 10:10 (-15)	5.35		1.78 - 7.14
		Day 29	2020-07-27 11:19 (32)	5.71		1.78 - 7.14
		Day 57	2020-08-21 10:26 (26)	6.07		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-11 10:10 (-15)	37.5 (H)		7.8 - 26.7
		Day 29	2020-07-27 11:19 (32)	40.0 (H)		7.8 - 26.7
		Day 57	2020-08-21 10:26 (26)	42.5 (H)		7.8 - 26.7
US2041111	Alanine Aminotransferase (U/L)	Screening	2020-06-11 10:38 (-18)	25		10 - 33
		Day 29	2020-07-27 13:40 (29)	27		10 - 33
		Day 57	2020-08-27 11:11 (32)	24		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-11 10:38 (-18)	75		30 - 115
		Day 29	2020-07-27 13:40 (29)	71		30 - 115
		Day 57	2020-08-27 11:11 (32)	74		30 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041111	Aspartate Aminotransferase (U/L)	Screening	2020-06-11 10:38 (-18)	20		10 - 36
		Day 29	2020-07-27 13:40 (29)	21		10 - 36
		Day 57	2020-08-27 11:11 (32)	23		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-11 10:38 (-18)	7.5		- 18.8
		Day 29	2020-07-27 13:40 (29)	5.5		- 18.8
		Day 57	2020-08-27 11:11 (32)	6.5		- 18.8
	Creatinine (umol/L)	Screening	2020-06-11 10:38 (-18)	71		62 - 124
		Day 29	2020-07-27 13:40 (29)	71		62 - 124
		Day 57	2020-08-27 11:11 (32)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-11 10:38 (-18)	<3.4		0 - 6.8
		Day 29	2020-07-27 13:40 (29)	<3.4		0 - 6.8
		Day 57	2020-08-27 11:11 (32)	<3.4		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041111	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-11 10:38 (-18)	109.4 (H)		1.7 - 21.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-11 10:38 (-18)	6.78		1.78 - 7.14
		Day 29	2020-07-27 13:40 (29)	6.07		1.78 - 7.14
		Day 57	2020-08-27 11:11 (32)	6.78		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-11 10:38 (-18)	23.8		7.8 - 26.7
		Day 29	2020-07-27 13:40 (29)	21.2		7.8 - 26.7
		Day 57	2020-08-27 11:11 (32)	23.8		7.8 - 26.7
US2041113	Alanine Aminotransferase (U/L)	Screening	2020-06-11 12:07 (-19)	13		10 - 33
		Day 29	2020-07-28 13:51 (29)	13		10 - 33
		Day 57	2020-08-25 14:45 (29)	10		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-11 12:07 (-19)	66		30 - 115
		Day 29	2020-07-28 13:51 (29)	57		30 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041113	Alkaline Phosphatase (U/L)	Day 57	2020-08-25 14:45 (29)	65		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-11 12:07 (-19)	22		10 - 36
		Day 29	2020-07-28 13:51 (29)	21		10 - 36
		Day 57	2020-08-25 14:45 (29)	19		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-11 12:07 (-19)	7.5		- 18.8
		Day 29	2020-07-28 13:51 (29)	6.7		- 18.8
		Day 57	2020-08-25 14:45 (29)	4.3		- 18.8
	Creatinine (umol/L)	Screening	2020-06-11 12:07 (-19)	53 (L)		62 - 124
		Day 29	2020-07-28 13:51 (29)	53 (L)		62 - 124
		Day 57	2020-08-25 14:45 (29)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-11 12:07 (-19)	<3.4		0 - 6.8
		Day 29	2020-07-28 13:51 (29)	<3.4		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041113	Direct Bilirubin (umol/L)	Day 57	2020-08-25 14:45 (29)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-11 12:07 (-19)	64.8 (H)		1.7 - 21.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-11 12:07 (-19)	4.28		1.78 - 7.14
		Day 29	2020-07-28 13:51 (29)	4.64		1.78 - 7.14
		Day 57	2020-08-25 14:45 (29)	3.57		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-11 12:07 (-19)	20.0		7.8 - 26.7
		Day 29	2020-07-28 13:51 (29)	21.7		7.8 - 26.7
		Day 57	2020-08-25 14:45 (29)	14.3		7.8 - 26.7
US2041118	Alanine Aminotransferase (U/L)	Screening	2020-06-11 15:26 (-18)	29		10 - 33
		Day 29	2020-07-28 13:22 (30)	17		10 - 33
		Day 57	2020-08-24 15:38 (28)	16		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-11 15:26 (-18)	77		30 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041118	Alkaline Phosphatase (U/L)	Day 29	2020-07-28 13:22 (30)	78		30 - 115
		Day 57	2020-08-24 15:38 (28)	66		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-11 15:26 (-18)	35		10 - 36
		Day 29	2020-07-28 13:22 (30)	22		10 - 36
		Day 57	2020-08-24 15:38 (28)	20		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-11 15:26 (-18)	10.6		- 18.8
		Day 29	2020-07-28 13:22 (30)	3.9		- 18.8
		Day 57	2020-08-24 15:38 (28)	<2.6		- 18.8
	Creatinine (umol/L)	Screening	2020-06-11 15:26 (-18)	53 (L)		62 - 124
		Day 29	2020-07-28 13:22 (30)	44 (L)		62 - 124
		Day 57	2020-08-24 15:38 (28)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-11 15:26 (-18)	<3.4		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041118	Direct Bilirubin (umol/L)	Day 29	2020-07-28 13:22 (30)	<3.4		0 - 6.8
		Day 57	2020-08-24 15:38 (28)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-11 15:26 (-18)	107.3 (H)		1.7 - 21.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-11 15:26 (-18)	5.35		1.78 - 7.14
		Day 29	2020-07-28 13:22 (30)	5.00		1.78 - 7.14
		Day 57	2020-08-24 15:38 (28)	4.64		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-11 15:26 (-18)	25.0		7.8 - 26.7
		Day 29	2020-07-28 13:22 (30)	28.0 (H)		7.8 - 26.7
		Day 57	2020-08-24 15:38 (28)	21.7		7.8 - 26.7
US2041119	Alanine Aminotransferase (U/L)	Screening	2020-06-11 16:36 (-25)	20		10 - 40
		Day 29	2020-08-04 09:40 (30)	18		10 - 40
		Day 57	2020-09-01 09:23 (29)	16		10 - 40

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041119	Alkaline Phosphatase (U/L)	Screening	2020-06-11 16:36 (-25)	61		43 - 115
		Day 29	2020-08-04 09:40 (30)	73		43 - 115
		Day 57	2020-09-01 09:23 (29)	67		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-11 16:36 (-25)	27		10 - 43
		Day 29	2020-08-04 09:40 (30)	18		10 - 43
		Day 57	2020-09-01 09:23 (29)	19		10 - 43
	Bilirubin (umol/L)	Screening	2020-06-11 16:36 (-25)	5.6		- 18.8
		Day 29	2020-08-04 09:40 (30)	9.4		- 18.8
		Day 57	2020-09-01 09:23 (29)	12.1		- 18.8
	Creatinine (umol/L)	Screening	2020-06-11 16:36 (-25)	62		62 - 124
		Day 29	2020-08-04 09:40 (30)	62		62 - 124
		Day 57	2020-09-01 09:23 (29)	62		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041119	Direct Bilirubin (umol/L)	Screening	2020-06-11 16:36 (-25)	<3.4		0 - 6.8
		Day 29	2020-08-04 09:40 (30)	<3.4		0 - 6.8
		Day 57	2020-09-01 09:23 (29)	3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-11 16:36 (-25)	6.07		1.78 - 7.14
		Day 29	2020-08-04 09:40 (30)	6.43		1.78 - 7.14
		Day 57	2020-09-01 09:23 (29)	5.35		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-11 16:36 (-25)	24.3		7.8 - 26.7
		Day 29	2020-08-04 09:40 (30)	25.7		7.8 - 26.7
		Day 57	2020-09-01 09:23 (29)	21.4		7.8 - 26.7
US2041127	Alanine Aminotransferase (U/L)	Screening	2020-06-12 12:15 (-14)	16		10 - 40
		Day 29	2020-07-24 11:54 (29)	16		10 - 40
		Day 57	2020-08-24 11:53 (32)	14		10 - 40

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041127	Alkaline Phosphatase (U/L)	Screening	2020-06-12 12:15 (-14)	59		43 - 115
		Day 29	2020-07-24 11:54 (29)	60		43 - 115
		Day 57	2020-08-24 11:53 (32)	53		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-12 12:15 (-14)	16		10 - 43
		Day 29	2020-07-24 11:54 (29)	17		10 - 43
		Day 57	2020-08-24 11:53 (32)	14		10 - 43
	Bilirubin (umol/L)	Screening	2020-06-12 12:15 (-14)	16.6		- 18.8
		Day 29	2020-07-24 11:54 (29)	15.9		- 18.8
		Day 57	2020-08-24 11:53 (32)	5.0		- 18.8
	Creatinine (umol/L)	Screening	2020-06-12 12:15 (-14)	71		62 - 124
		Day 29	2020-07-24 11:54 (29)	62		62 - 124
		Day 57	2020-08-24 11:53 (32)	71		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041127	Direct Bilirubin (umol/L)	Screening	2020-06-12 12:15 (-14)	3.8		0 - 6.8
		Day 29	2020-07-24 11:54 (29)	3.6		0 - 6.8
		Day 57	2020-08-24 11:53 (32)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-12 12:15 (-14)	6.07		1.78 - 7.14
		Day 29	2020-07-24 11:54 (29)	3.57		1.78 - 7.14
		Day 57	2020-08-24 11:53 (32)	3.93		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-12 12:15 (-14)	21.2		7.8 - 26.7
		Day 29	2020-07-24 11:54 (29)	14.3		7.8 - 26.7
		Day 57	2020-08-24 11:53 (32)	13.8		7.8 - 26.7
US2041130	Alanine Aminotransferase (U/L)	Screening	2020-06-15 09:26 (-11)	29		10 - 40
		Day 29	2020-07-24 09:31 (29)	23		10 - 40
		Day 57	2020-08-18 11:19 (26)	14		10 - 40

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041130	Alkaline Phosphatase (U/L)	Screening	2020-06-15 09:26 (-11)	80		43 - 115
		Day 29	2020-07-24 09:31 (29)	70		43 - 115
		Day 57	2020-08-18 11:19 (26)	75		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-15 09:26 (-11)	17		10 - 43
		Day 29	2020-07-24 09:31 (29)	19		10 - 43
		Day 57	2020-08-18 11:19 (26)	12		10 - 43
	Bilirubin (umol/L)	Screening	2020-06-15 09:26 (-11)	3.9		- 18.8
		Day 29	2020-07-24 09:31 (29)	5.6		- 18.8
		Day 57	2020-08-18 11:19 (26)	<2.6		- 18.8
	Creatinine (umol/L)	Screening	2020-06-15 09:26 (-11)	88		62 - 124
		Day 29	2020-07-24 09:31 (29)	62		62 - 124
		Day 57	2020-08-18 11:19 (26)	71		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041130	Direct Bilirubin (umol/L)	Screening	2020-06-15 09:26 (-11)	<3.4		0 - 6.8
		Day 29	2020-07-24 09:31 (29)	<3.4		0 - 6.8
		Day 57	2020-08-18 11:19 (26)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-15 09:26 (-11)	7.14		1.78 - 7.14
		Day 29	2020-07-24 09:31 (29)	4.28		1.78 - 7.14
		Day 57	2020-08-18 11:19 (26)	5.00		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-15 09:26 (-11)	20.0		7.8 - 26.7
		Day 29	2020-07-24 09:31 (29)	17.1		7.8 - 26.7
		Day 57	2020-08-18 11:19 (26)	17.5		7.8 - 26.7
US2041139	Alanine Aminotransferase (U/L)	Screening	2020-06-16 10:49 (-13)	19		10 - 40
		Day 29	2020-07-28 10:51 (30)	18		10 - 40
		Day 57	2020-08-25 17:17 (29)	15		10 - 40

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041139	Alkaline Phosphatase (U/L)	Screening	2020-06-16 10:49 (-13)	65		43 - 115
		Day 29	2020-07-28 10:51 (30)	61		43 - 115
		Day 57	2020-08-25 17:17 (29)	63		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-16 10:49 (-13)	24		10 - 43
		Day 29	2020-07-28 10:51 (30)	24		10 - 43
		Day 57	2020-08-25 17:17 (29)	23		10 - 43
	Bilirubin (umol/L)	Screening	2020-06-16 10:49 (-13)	7.4		- 18.8
		Day 29	2020-07-28 10:51 (30)	9.1		- 18.8
		Day 57	2020-08-25 17:17 (29)	4.3		- 18.8
	Creatinine (umol/L)	Screening	2020-06-16 10:49 (-13)	71		62 - 124
		Day 29	2020-07-28 10:51 (30)	71		62 - 124
		Day 57	2020-08-25 17:17 (29)	71		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041139	Direct Bilirubin (umol/L)	Screening	2020-06-16 10:49 (-13)	<3.4		0 - 6.8
		Day 29	2020-07-28 10:51 (30)	<3.4		0 - 6.8
		Day 57	2020-08-25 17:17 (29)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-16 10:49 (-13)	5.35		1.78 - 7.14
		Day 29	2020-07-28 10:51 (30)	6.07		1.78 - 7.14
		Day 57	2020-08-25 17:17 (29)	5.00		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-16 10:49 (-13)	18.8		7.8 - 26.7
		Day 29	2020-07-28 10:51 (30)	21.2		7.8 - 26.7
		Day 57	2020-08-25 17:17 (29)	17.5		7.8 - 26.7
US2041145	Alanine Aminotransferase (U/L)	Screening	2020-06-17 09:37 (-15)	26		10 - 33
		Unscheduled	2020-06-25 11:45 (-7)	23		10 - 33
		Day 29	2020-07-31 08:40 (30)	24		10 - 33

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041145	Alanine Aminotransferase (U/L)	Day 57	2020-08-28 08:38 (29)	20		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-17 09:37 (-15)	78		30 - 115
		Unscheduled	2020-06-25 11:45 (-7)	73		30 - 115
		Day 29	2020-07-31 08:40 (30)	75		30 - 115
		Day 57	2020-08-28 08:38 (29)	70		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-17 09:37 (-15)	40 (H)	G1 Aspartate Aminotransferase Increased	10 - 36
		Unscheduled	2020-06-25 11:45 (-7)	32		10 - 36
		Day 29	2020-07-31 08:40 (30)	35		10 - 36
		Day 57	2020-08-28 08:38 (29)	24		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-17 09:37 (-15)	6.5		- 18.8
		Unscheduled	2020-06-25 11:45 (-7)	8.0		- 18.8
		Day 29	2020-07-31 08:40 (30)	7.2		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041145	Bilirubin (umol/L)	Day 57	2020-08-28 08:38 (29)	7.2		- 18.8
	Creatinine (umol/L)	Screening	2020-06-17 09:37 (-15)	71		62 - 124
		Unscheduled	2020-06-25 11:45 (-7)	71		62 - 124
		Day 29	2020-07-31 08:40 (30)	80		62 - 124
		Day 57	2020-08-28 08:38 (29)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-17 09:37 (-15)	<3.4		0 - 6.8
		Unscheduled	2020-06-25 11:45 (-7)	<3.4		0 - 6.8
		Day 29	2020-07-31 08:40 (30)	<3.4		0 - 6.8
		Day 57	2020-08-28 08:38 (29)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-17 09:37 (-15)	89.7 (H)		1.7 - 21.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-17 09:37 (-15)	6.43		1.78 - 7.14
		Unscheduled	2020-06-25 11:45 (-7)	6.43		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041145	Urea Nitrogen (mmol/L)	Day 29	2020-07-31 08:40 (30)	5.00		1.78 - 7.14
		Day 57	2020-08-28 08:38 (29)	5.71		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-17 09:37 (-15)	22.5		7.8 - 26.7
		Unscheduled	2020-06-25 11:45 (-7)	22.5		7.8 - 26.7
		Day 29	2020-07-31 08:40 (30)	15.6		7.8 - 26.7
		Day 57	2020-08-28 08:38 (29)	22.9		7.8 - 26.7
US2041150	Alanine Aminotransferase (U/L)	Screening	2020-06-18 10:55 (-13)	17		10 - 33
		Day 29	2020-08-03 09:17 (34)	16		10 - 33
		Day 57	2020-09-02 11:24 (31)	16		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-18 10:55 (-13)	69		30 - 115
		Day 29	2020-08-03 09:17 (34)	68		30 - 115
		Day 57	2020-09-02 11:24 (31)	69		30 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041150	Aspartate Aminotransferase (U/L)	Screening	2020-06-18 10:55 (-13)	19		10 - 36
		Day 29	2020-08-03 09:17 (34)	17		10 - 36
		Day 57	2020-09-02 11:24 (31)	16		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-18 10:55 (-13)	6.3		- 18.8
		Day 29	2020-08-03 09:17 (34)	7.4		- 18.8
		Day 57	2020-09-02 11:24 (31)	5.8		- 18.8
	Creatinine (umol/L)	Screening	2020-06-18 10:55 (-13)	62		62 - 124
		Day 29	2020-08-03 09:17 (34)	53 (L)		62 - 124
		Day 57	2020-09-02 11:24 (31)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-18 10:55 (-13)	<3.4		0 - 6.8
		Day 29	2020-08-03 09:17 (34)	<3.4		0 - 6.8
		Day 57	2020-09-02 11:24 (31)	<3.4		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041150	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-18 10:55 (-13)	75.8 (H)		1.7 - 21.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-18 10:55 (-13)	3.93		1.78 - 7.14
		Day 29	2020-08-03 09:17 (34)	6.07		1.78 - 7.14
		Day 57	2020-09-02 11:24 (31)	4.28		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-18 10:55 (-13)	15.7		7.8 - 26.7
		Day 29	2020-08-03 09:17 (34)	28.3 (H)		7.8 - 26.7
		Day 57	2020-09-02 11:24 (31)	20.0		7.8 - 26.7
US2041155	Alanine Aminotransferase (U/L)	Screening	2020-06-29 14:37 (-7)	26		10 - 33
		Unscheduled	2020-07-02 15:18 (-4)	24		10 - 33
		Day 29	2020-08-03 13:55 (29)	24		10 - 33
		Day 57	2020-08-31 13:46 (29)	31		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-29 14:37 (-7)	77		30 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041155	Alkaline Phosphatase (U/L)	Unscheduled	2020-07-02 15:18 (-4)	81		30 - 115
		Day 29	2020-08-03 13:55 (29)	68		30 - 115
		Day 57	2020-08-31 13:46 (29)	74		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-29 14:37 (-7)	25		10 - 36
		Unscheduled	2020-07-02 15:18 (-4)	24		10 - 36
		Day 29	2020-08-03 13:55 (29)	31		10 - 36
		Day 57	2020-08-31 13:46 (29)	28		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-29 14:37 (-7)	8.2		- 18.8
		Unscheduled	2020-07-02 15:18 (-4)	8.7		- 18.8
		Day 29	2020-08-03 13:55 (29)	6.3		- 18.8
		Day 57	2020-08-31 13:46 (29)	7.5		- 18.8
	Creatinine (umol/L)	Screening	2020-06-29 14:37 (-7)	62		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041155	Creatinine (umol/L)	Unscheduled	2020-07-02 15:18 (-4)	71		62 - 124
		Day 29	2020-08-03 13:55 (29)	62		62 - 124
		Day 57	2020-08-31 13:46 (29)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-29 14:37 (-7)	<3.4		0 - 6.8
		Unscheduled	2020-07-02 15:18 (-4)	<3.4		0 - 6.8
		Day 29	2020-08-03 13:55 (29)	<3.4		0 - 6.8
		Day 57	2020-08-31 13:46 (29)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-29 14:37 (-7)	107.7 (H)		1.7 - 21.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-29 14:37 (-7)	8.21 (H)	G1 Blood Urea Nitrogen Increased	1.78 - 7.14
		Unscheduled	2020-07-02 15:18 (-4)	7.14		1.78 - 7.14
		Day 29	2020-08-03 13:55 (29)	7.50 (H)		1.78 - 7.14
		Day 57	2020-08-31 13:46 (29)	6.78		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041155	Urea Nitrogen/Creatinine	Screening	2020-06-29 14:37 (-7)	32.9 (H)		7.8 - 26.7
		Unscheduled	2020-07-02 15:18 (-4)	25.0		7.8 - 26.7
		Day 29	2020-08-03 13:55 (29)	30.0 (H)		7.8 - 26.7
		Day 57	2020-08-31 13:46 (29)	23.8		7.8 - 26.7
US2051057	Alanine Aminotransferase (U/L)	Screening	2020-06-15 10:57 (-11)	15		10 - 33
		Day 29	2020-07-24 08:31 (29)	15		10 - 33
		Day 57	2020-08-24 08:12 (32)	17		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-15 10:57 (-11)	48		30 - 115
		Day 29	2020-07-24 08:31 (29)	47		30 - 115
		Day 57	2020-08-24 08:12 (32)	51		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-15 10:57 (-11)	32		10 - 36
		Day 29	2020-07-24 08:31 (29)	27		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051057	Aspartate Aminotransferase (U/L)	Day 57	2020-08-24 08:12 (32)	30		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-15 10:57 (-11)	5.6		- 18.8
		Day 29	2020-07-24 08:31 (29)	8.0		- 18.8
		Day 57	2020-08-24 08:12 (32)	7.7		- 18.8
	Creatinine (umol/L)	Screening	2020-06-15 10:57 (-11)	53 (L)		62 - 124
		Day 29	2020-07-24 08:31 (29)	44 (L)		62 - 124
		Day 57	2020-08-24 08:12 (32)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-15 10:57 (-11)	<3.4		0 - 6.8
		Day 29	2020-07-24 08:31 (29)	<3.4		0 - 6.8
		Day 57	2020-08-24 08:12 (32)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-15 10:57 (-11)	73.5 (H)		1.7 - 21.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-15 10:57 (-11)	5.00		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051057	Urea Nitrogen (mmol/L)	Day 29	2020-07-24 08:31 (29)	4.64		1.78 - 7.14
		Day 57	2020-08-24 08:12 (32)	4.28		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-15 10:57 (-11)	23.3		7.8 - 26.7
		Day 29	2020-07-24 08:31 (29)	26.0		7.8 - 26.7
		Day 57	2020-08-24 08:12 (32)	20.0		7.8 - 26.7
US2051059	Alanine Aminotransferase (U/L)	Screening	2020-06-15 15:04 (-11)	23		10 - 33
		Day 29	2020-07-27 12:42 (32)	23		10 - 33
		Day 57	2020-08-18 15:07 (23)	22		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-15 15:04 (-11)	82		30 - 115
		Day 29	2020-07-27 12:42 (32)	68		30 - 115
		Day 57	2020-08-18 15:07 (23)	73		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-15 15:04 (-11)	22		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051059	Aspartate Aminotransferase (U/L)	Day 29	2020-07-27 12:42 (32)	27		10 - 36
		Day 57	2020-08-18 15:07 (23)	22		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-15 15:04 (-11)	3.9		- 18.8
		Day 29	2020-07-27 12:42 (32)	5.8		- 18.8
		Day 57	2020-08-18 15:07 (23)	3.6		- 18.8
	Creatinine (umol/L)	Screening	2020-06-15 15:04 (-11)	62		62 - 124
		Day 29	2020-07-27 12:42 (32)	71		62 - 124
		Day 57	2020-08-18 15:07 (23)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-15 15:04 (-11)	<3.4		0 - 6.8
		Day 29	2020-07-27 12:42 (32)	<3.4		0 - 6.8
		Day 57	2020-08-18 15:07 (23)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-15 15:04 (-11)	65.8 (H)		1.7 - 21.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051059	Urea Nitrogen (mmol/L)	Screening	2020-06-15 15:04 (-11)	5.35		1.78 - 7.14
		Day 29	2020-07-27 12:42 (32)	8.21 (H)	G1 Blood Urea Nitrogen Increased	1.78 - 7.14
		Day 57	2020-08-18 15:07 (23)	7.50 (H)		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-15 15:04 (-11)	21.4		7.8 - 26.7
		Day 29	2020-07-27 12:42 (32)	28.8 (H)		7.8 - 26.7
		Day 57	2020-08-18 15:07 (23)	30.0 (H)		7.8 - 26.7
US2051060	Alanine Aminotransferase (U/L)	Screening	2020-06-16 09:25 (-10)	16		10 - 33
		Day 29	2020-07-28 09:15 (33)	12		10 - 33
		Day 57	2020-08-24 12:55 (28)	11		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-16 09:25 (-10)	73		30 - 115
		Day 29	2020-07-28 09:15 (33)	64		30 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051060	Alkaline Phosphatase (U/L)	Day 57	2020-08-24 12:55 (28)	68		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-16 09:25 (-10)	22		10 - 36
		Day 29	2020-07-28 09:15 (33)	18		10 - 36
		Day 57	2020-08-24 12:55 (28)	13		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-16 09:25 (-10)	4.6		- 18.8
		Day 29	2020-07-28 09:15 (33)	7.7		- 18.8
		Day 57	2020-08-24 12:55 (28)	6.8		- 18.8
	Creatinine (umol/L)	Screening	2020-06-16 09:25 (-10)	44 (L)		62 - 124
		Day 29	2020-07-28 09:15 (33)	44 (L)		62 - 124
		Day 57	2020-08-24 12:55 (28)	44 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-16 09:25 (-10)	<3.4		0 - 6.8
		Day 29	2020-07-28 09:15 (33)	<3.4		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051060	Direct Bilirubin (umol/L)	Day 57	2020-08-24 12:55 (28)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-16 09:25 (-10)	54.2 (H)		1.7 - 21.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-16 09:25 (-10)	5.00		1.78 - 7.14
		Day 29	2020-07-28 09:15 (33)	5.35		1.78 - 7.14
		Day 57	2020-08-24 12:55 (28)	5.71		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-16 09:25 (-10)	28.0 (H)		7.8 - 26.7
		Day 29	2020-07-28 09:15 (33)	30.0 (H)		7.8 - 26.7
		Day 57	2020-08-24 12:55 (28)	32.0 (H)		7.8 - 26.7
US2051066	Alanine Aminotransferase (U/L)	Screening	2020-06-17 12:12 (-12)	15		10 - 33
		Day 29	2020-07-27 09:27 (29)	14		10 - 33
		Day 57	2020-08-21 09:20 (26)	15		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-17 12:12 (-12)	80		30 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051066	Alkaline Phosphatase (U/L)	Day 29	2020-07-27 09:27 (29)	77		30 - 115
		Day 57	2020-08-21 09:20 (26)	76		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-17 12:12 (-12)	17		10 - 36
		Day 29	2020-07-27 09:27 (29)	20		10 - 36
		Day 57	2020-08-21 09:20 (26)	18		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-17 12:12 (-12)	3.6		- 18.8
		Day 29	2020-07-27 09:27 (29)	4.6		- 18.8
		Day 57	2020-08-21 09:20 (26)	6.8		- 18.8
	Creatinine (umol/L)	Screening	2020-06-17 12:12 (-12)	53 (L)		62 - 124
		Day 29	2020-07-27 09:27 (29)	53 (L)		62 - 124
		Day 57	2020-08-21 09:20 (26)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-17 12:12 (-12)	<3.4		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051066	Direct Bilirubin (umol/L)	Day 29	2020-07-27 09:27 (29)	<3.4		0 - 6.8
		Day 57	2020-08-21 09:20 (26)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-17 12:12 (-12)	61.1 (H)		1.7 - 21.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-17 12:12 (-12)	4.64		1.78 - 7.14
		Day 29	2020-07-27 09:27 (29)	4.28		1.78 - 7.14
		Day 57	2020-08-21 09:20 (26)	4.28		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-17 12:12 (-12)	21.7		7.8 - 26.7
		Day 29	2020-07-27 09:27 (29)	20.0		7.8 - 26.7
		Day 57	2020-08-21 09:20 (26)	20.0		7.8 - 26.7
US2051068	Alanine Aminotransferase (U/L)	Screening	2020-06-17 15:02 (-13)	18		10 - 40
		Unscheduled	2020-06-23 13:20 (-7)	17		10 - 40
		Day 29	2020-07-28 12:18 (29)	15		10 - 40

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051068	Alanine Aminotransferase (U/L)	Unscheduled	2020-08-11 10:09 (15)	11		10 - 40
		Day 57	2020-08-25 11:57 (29)	12		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-17 15:02 (-13)	52		43 - 115
		Unscheduled	2020-06-23 13:20 (-7)	55		43 - 115
		Day 29	2020-07-28 12:18 (29)	56		43 - 115
		Unscheduled	2020-08-11 10:09 (15)	44		43 - 115
		Day 57	2020-08-25 11:57 (29)	50		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-17 15:02 (-13)	19		10 - 43
		Unscheduled	2020-06-23 13:20 (-7)	20		10 - 43
		Day 29	2020-07-28 12:18 (29)	17		10 - 43
		Unscheduled	2020-08-11 10:09 (15)	20		10 - 43
		Day 57	2020-08-25 11:57 (29)	15		10 - 43

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051068	Bilirubin (umol/L)	Screening	2020-06-17 15:02 (-13)	25.3 (H)	G1 Bilirubin Increased	- 18.8
		Unscheduled	2020-06-23 13:20 (-7)	17.4		- 18.8
		Day 29	2020-07-28 12:18 (29)	25.0 (H)	G1 Bilirubin Increased	- 18.8
		Unscheduled	2020-08-11 10:09 (15)	23.4 (H)	G1 Bilirubin Increased	- 18.8
		Day 57	2020-08-25 11:57 (29)	22.9 (H)	G1 Bilirubin Increased	- 18.8
	Creatinine (umol/L)	Screening	2020-06-17 15:02 (-13)	88		62 - 124
		Unscheduled	2020-06-23 13:20 (-7)	88		62 - 124
		Day 29	2020-07-28 12:18 (29)	88		62 - 124
		Unscheduled	2020-08-11 10:09 (15)	71		62 - 124
		Day 57	2020-08-25 11:57 (29)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-17 15:02 (-13)	5.0		0 - 6.8
		Unscheduled	2020-06-23 13:20 (-7)	3.9		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051068	Direct Bilirubin (umol/L)	Day 29	2020-07-28 12:18 (29)	5.3		0 - 6.8
		Unscheduled	2020-08-11 10:09 (15)	5.1		0 - 6.8
		Day 57	2020-08-25 11:57 (29)	5.1		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-17 15:02 (-13)	3.93		1.78 - 7.14
		Unscheduled	2020-06-23 13:20 (-7)	5.71		1.78 - 7.14
		Day 29	2020-07-28 12:18 (29)	4.64		1.78 - 7.14
		Unscheduled	2020-08-11 10:09 (15)	4.64		1.78 - 7.14
		Day 57	2020-08-25 11:57 (29)	4.28		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-17 15:02 (-13)	11.0		7.8 - 26.7
		Unscheduled	2020-06-23 13:20 (-7)	16.0		7.8 - 26.7
		Day 29	2020-07-28 12:18 (29)	13.0		7.8 - 26.7
		Unscheduled	2020-08-11 10:09 (15)	16.2		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051068	Urea Nitrogen/Creatinine	Day 57	2020-08-25 11:57 (29)	15.0		7.8 - 26.7
US2051071	Alanine Aminotransferase (U/L)	Screening	2020-06-18 15:26 (-11)	18		10 - 40
		Day 29	2020-07-27 13:33 (29)	16		10 - 40
		Day 57	2020-08-24 13:55 (29)	17		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-18 15:26 (-11)	75		43 - 115
		Day 29	2020-07-27 13:33 (29)	63		43 - 115
		Day 57	2020-08-24 13:55 (29)	72		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-18 15:26 (-11)	20		10 - 43
		Day 29	2020-07-27 13:33 (29)	20		10 - 43
		Day 57	2020-08-24 13:55 (29)	16		10 - 43
	Bilirubin (umol/L)	Screening	2020-06-18 15:26 (-11)	6.3		- 18.8
		Day 29	2020-07-27 13:33 (29)	5.6		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051071	Bilirubin (umol/L)	Day 57	2020-08-24 13:55 (29)	3.8		- 18.8
	Creatinine (umol/L)	Screening	2020-06-18 15:26 (-11)	88		62 - 124
		Day 29	2020-07-27 13:33 (29)	71		62 - 124
		Day 57	2020-08-24 13:55 (29)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-18 15:26 (-11)	<3.4		0 - 6.8
		Day 29	2020-07-27 13:33 (29)	<3.4		0 - 6.8
		Day 57	2020-08-24 13:55 (29)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-18 15:26 (-11)	4.28		1.78 - 7.14
		Day 29	2020-07-27 13:33 (29)	5.71		1.78 - 7.14
		Day 57	2020-08-24 13:55 (29)	5.71		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-18 15:26 (-11)	12.0		7.8 - 26.7
		Day 29	2020-07-27 13:33 (29)	20.0		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051071	Urea Nitrogen/Creatinine	Day 57	2020-08-24 13:55 (29)	20.0		7.8 - 26.7
US2051078	Alanine Aminotransferase (U/L)	Screening	2020-06-22 09:15 (-8)	25		10 - 40
		Day 29	2020-07-29 08:42 (30)	19		10 - 40
		Day 57	2020-08-24 08:30 (27)	22		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-22 09:15 (-8)	85		43 - 115
		Day 29	2020-07-29 08:42 (30)	79		43 - 115
		Day 57	2020-08-24 08:30 (27)	70		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-22 09:15 (-8)	30		10 - 43
		Day 29	2020-07-29 08:42 (30)	29		10 - 43
		Day 57	2020-08-24 08:30 (27)	32		10 - 43
	Bilirubin (umol/L)	Screening	2020-06-22 09:15 (-8)	10.8		- 18.8
		Day 29	2020-07-29 08:42 (30)	7.9		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051078	Bilirubin (umol/L)	Day 57	2020-08-24 08:30 (27)	8.9		- 18.8
	Creatinine (umol/L)	Screening	2020-06-22 09:15 (-8)	88		62 - 124
		Day 29	2020-07-29 08:42 (30)	80		62 - 124
		Day 57	2020-08-24 08:30 (27)	88		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-22 09:15 (-8)	<3.4		0 - 6.8
		Day 29	2020-07-29 08:42 (30)	<3.4		0 - 6.8
		Day 57	2020-08-24 08:30 (27)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-22 09:15 (-8)	4.64		1.78 - 7.14
		Day 29	2020-07-29 08:42 (30)	4.28		1.78 - 7.14
		Day 57	2020-08-24 08:30 (27)	4.28		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-22 09:15 (-8)	13.0		7.8 - 26.7
		Day 29	2020-07-29 08:42 (30)	13.3		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051078	Urea Nitrogen/Creatinine	Day 57	2020-08-24 08:30 (27)	12.0		7.8 - 26.7
US2051081	Alanine Aminotransferase (U/L)	Screening	2020-06-23 11:43 (-6)	8 (L)		10 - 33
		Day 29	2020-07-27 09:38 (29)	7 (L)		10 - 33
		Day 57	2020-08-24 09:50 (29)	7 (L)		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-23 11:43 (-6)	91		30 - 115
		Day 29	2020-07-27 09:38 (29)	82		30 - 115
		Day 57	2020-08-24 09:50 (29)	78		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-23 11:43 (-6)	17		10 - 36
		Day 29	2020-07-27 09:38 (29)	17		10 - 36
		Day 57	2020-08-24 09:50 (29)	10		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-23 11:43 (-6)	5.0		- 18.8
		Day 29	2020-07-27 09:38 (29)	4.6		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051081	Bilirubin (umol/L)	Day 57	2020-08-24 09:50 (29)	3.8		- 18.8
	Creatinine (umol/L)	Screening	2020-06-23 11:43 (-6)	53 (L)		62 - 124
		Day 29	2020-07-27 09:38 (29)	62		62 - 124
		Day 57	2020-08-24 09:50 (29)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-23 11:43 (-6)	<3.4		0 - 6.8
		Day 29	2020-07-27 09:38 (29)	<3.4		0 - 6.8
		Day 57	2020-08-24 09:50 (29)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-23 11:43 (-6)	9.2		1.7 - 21.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-23 11:43 (-6)	5.00		1.78 - 7.14
		Day 29	2020-07-27 09:38 (29)	4.28		1.78 - 7.14
		Day 57	2020-08-24 09:50 (29)	6.43		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-23 11:43 (-6)	23.3		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051081	Urea Nitrogen/Creatinine	Day 29	2020-07-27 09:38 (29)	17.1		7.8 - 26.7
		Day 57	2020-08-24 09:50 (29)	25.7		7.8 - 26.7
US2051092	Alanine Aminotransferase (U/L)	Screening	2020-06-26 12:27 (-11)	20		10 - 33
		Day 29	2020-08-06 09:35 (31)	13		10 - 33
		Day 57	2020-09-03 09:20 (29)	20		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-26 12:27 (-11)	63		30 - 115
		Day 29	2020-08-06 09:35 (31)	53		30 - 115
		Day 57	2020-09-03 09:20 (29)	62		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-26 12:27 (-11)	22		10 - 36
		Day 29	2020-08-06 09:35 (31)	23		10 - 36
		Day 57	2020-09-03 09:20 (29)	23		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-26 12:27 (-11)	8.0		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051092	Bilirubin (umol/L)	Day 29	2020-08-06 09:35 (31)	8.2		- 18.8
		Day 57	2020-09-03 09:20 (29)	7.0		- 18.8
	Creatinine (umol/L)	Screening	2020-06-26 12:27 (-11)	62		62 - 124
		Day 29	2020-08-06 09:35 (31)	53 (L)		62 - 124
		Day 57	2020-09-03 09:20 (29)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-26 12:27 (-11)	<3.4		0 - 6.8
		Day 29	2020-08-06 09:35 (31)	<3.4		0 - 6.8
		Day 57	2020-09-03 09:20 (29)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-26 12:27 (-11)	128.3 (H)		1.7 - 21.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-26 12:27 (-11)	3.21		1.78 - 7.14
		Day 29	2020-08-06 09:35 (31)	2.86		1.78 - 7.14
		Day 57	2020-09-03 09:20 (29)	4.28		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051092	Urea Nitrogen/Creatinine	Screening	2020-06-26 12:27 (-11)	12.9		7.8 - 26.7
		Day 29	2020-08-06 09:35 (31)	13.3		7.8 - 26.7
		Day 57	2020-09-03 09:20 (29)	17.1		7.8 - 26.7
US2051093	Alanine Aminotransferase (U/L)	Screening	2020-06-26 14:07 (-10)	24		10 - 33
		Day 29	2020-08-04 09:59 (30)	15		10 - 33
		Day 57	2020-09-01 09:21 (29)	17		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-26 14:07 (-10)	92		30 - 115
		Day 29	2020-08-04 09:59 (30)	97		30 - 115
		Day 57	2020-09-01 09:21 (29)	95		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-26 14:07 (-10)	35		10 - 36
		Day 29	2020-08-04 09:59 (30)	21		10 - 36
		Day 57	2020-09-01 09:21 (29)	24		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051093	Bilirubin (umol/L)	Screening	2020-06-26 14:07 (-10)	3.4		- 18.8
		Day 29	2020-08-04 09:59 (30)	3.9		- 18.8
		Day 57	2020-09-01 09:21 (29)	3.2		- 18.8
	Creatinine (umol/L)	Screening	2020-06-26 14:07 (-10)	53 (L)		62 - 124
		Day 29	2020-08-04 09:59 (30)	44 (L)		62 - 124
		Day 57	2020-09-01 09:21 (29)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-26 14:07 (-10)	<3.4		0 - 6.8
		Day 29	2020-08-04 09:59 (30)	<3.4		0 - 6.8
		Day 57	2020-09-01 09:21 (29)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-26 14:07 (-10)	51.7 (H)		1.7 - 21.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-26 14:07 (-10)	4.64		1.78 - 7.14
		Day 29	2020-08-04 09:59 (30)	4.28		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051093	Urea Nitrogen (mmol/L)	Day 57	2020-09-01 09:21 (29)	2.86		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-26 14:07 (-10)	21.7		7.8 - 26.7
		Day 29	2020-08-04 09:59 (30)	24.0		7.8 - 26.7
		Day 57	2020-09-01 09:21 (29)	13.3		7.8 - 26.7
US2051094	Alanine Aminotransferase (U/L)	Screening	2020-06-29 10:29 (-8)	12		10 - 40
		Day 29	2020-08-04 10:54 (29)	16		10 - 40
		Day 57	2020-09-02 09:48 (30)	15		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-29 10:29 (-8)	80		43 - 115
		Day 29	2020-08-04 10:54 (29)	79		43 - 115
		Day 57	2020-09-02 09:48 (30)	80		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-29 10:29 (-8)	18		10 - 43
		Day 29	2020-08-04 10:54 (29)	12		10 - 43

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051094	Aspartate Aminotransferase (U/L)	Day 57	2020-09-02 09:48 (30)	13		10 - 43
	Bilirubin (umol/L)	Screening	2020-06-29 10:29 (-8)	9.4		- 18.8
		Day 29	2020-08-04 10:54 (29)	13.3		- 18.8
		Day 57	2020-09-02 09:48 (30)	10.3		- 18.8
	Creatinine (umol/L)	Screening	2020-06-29 10:29 (-8)	53 (L)		62 - 124
		Day 29	2020-08-04 10:54 (29)	53 (L)		62 - 124
		Day 57	2020-09-02 09:48 (30)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-29 10:29 (-8)	<3.4		0 - 6.8
		Day 29	2020-08-04 10:54 (29)	<3.4		0 - 6.8
		Day 57	2020-09-02 09:48 (30)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-29 10:29 (-8)	6.78		1.78 - 7.14
		Day 29	2020-08-04 10:54 (29)	7.14		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051094	Urea Nitrogen (mmol/L)	Day 57	2020-09-02 09:48 (30)	7.50 (H)		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-29 10:29 (-8)	31.7 (H)		7.8 - 26.7
		Day 29	2020-08-04 10:54 (29)	33.3 (H)		7.8 - 26.7
		Day 57	2020-09-02 09:48 (30)	35.0 (H)		7.8 - 26.7
US2051095	Alanine Aminotransferase (U/L)	Screening	2020-06-29 12:20 (-3)	30		10 - 33
		Day 29	2020-07-30 11:41 (29)	37 (H)	G1 Alanine Aminotransferase Increased	10 - 33
		Day 57	2020-08-26 09:20 (28)	33		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-29 12:20 (-3)	60		30 - 115
		Day 29	2020-07-30 11:41 (29)	57		30 - 115
		Day 57	2020-08-26 09:20 (28)	64		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-29 12:20 (-3)	28		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051095	Aspartate Aminotransferase (U/L)	Day 29	2020-07-30 11:41 (29)	27		10 - 36
		Day 57	2020-08-26 09:20 (28)	19		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-29 12:20 (-3)	3.4		- 18.8
		Day 29	2020-07-30 11:41 (29)	2.7		- 18.8
		Day 57	2020-08-26 09:20 (28)	4.3		- 18.8
	Creatinine (umol/L)	Screening	2020-06-29 12:20 (-3)	53 (L)		62 - 124
		Day 29	2020-07-30 11:41 (29)	53 (L)		62 - 124
		Day 57	2020-08-26 09:20 (28)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-29 12:20 (-3)	<3.4		0 - 6.8
		Day 29	2020-07-30 11:41 (29)	<3.4		0 - 6.8
		Day 57	2020-08-26 09:20 (28)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-29 12:20 (-3)	81.0 (H)		1.7 - 21.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051095	Urea Nitrogen (mmol/L)	Screening	2020-06-29 12:20 (-3)	5.35		1.78 - 7.14
		Day 29	2020-07-30 11:41 (29)	5.71		1.78 - 7.14
		Day 57	2020-08-26 09:20 (28)	6.07		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-29 12:20 (-3)	25.0		7.8 - 26.7
		Day 29	2020-07-30 11:41 (29)	26.7		7.8 - 26.7
		Day 57	2020-08-26 09:20 (28)	28.3 (H)		7.8 - 26.7
US2051096	Alanine Aminotransferase (U/L)	Screening	2020-06-29 14:08 (-7)	24		10 - 33
		Unscheduled	2020-07-02 11:05 (-4)	23		10 - 33
		Day 29	2020-08-03 09:30 (29)	29		10 - 33
		Day 57	2020-08-31 09:56 (29)	33		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-29 14:08 (-7)	79		30 - 115
		Unscheduled	2020-07-02 11:05 (-4)	80		30 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051096	Alkaline Phosphatase (U/L)	Day 29	2020-08-03 09:30 (29)	77		30 - 115
		Day 57	2020-08-31 09:56 (29)	78		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-29 14:08 (-7)	24		10 - 36
		Unscheduled	2020-07-02 11:05 (-4)	24		10 - 36
		Day 29	2020-08-03 09:30 (29)	22		10 - 36
		Day 57	2020-08-31 09:56 (29)	29		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-29 14:08 (-7)	5.1		- 18.8
		Unscheduled	2020-07-02 11:05 (-4)	5.6		- 18.8
		Day 29	2020-08-03 09:30 (29)	4.3		- 18.8
		Day 57	2020-08-31 09:56 (29)	6.7		- 18.8
	Creatinine (umol/L)	Screening	2020-06-29 14:08 (-7)	53 (L)		62 - 124
		Unscheduled	2020-07-02 11:05 (-4)	44 (L)		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051096	Creatinine (umol/L)	Day 29	2020-08-03 09:30 (29)	44 (L)		62 - 124
		Day 57	2020-08-31 09:56 (29)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-29 14:08 (-7)	<3.4		0 - 6.8
		Unscheduled	2020-07-02 11:05 (-4)	<3.4		0 - 6.8
		Day 29	2020-08-03 09:30 (29)	<3.4		0 - 6.8
		Day 57	2020-08-31 09:56 (29)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-29 14:08 (-7)	77.3 (H)		1.7 - 21.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-29 14:08 (-7)	8.57 (H)	G1 Blood Urea Nitrogen Increased	1.78 - 7.14
		Unscheduled	2020-07-02 11:05 (-4)	6.78		1.78 - 7.14
		Day 29	2020-08-03 09:30 (29)	6.78		1.78 - 7.14
		Day 57	2020-08-31 09:56 (29)	7.14		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-29 14:08 (-7)	40.0 (H)		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051096	Urea Nitrogen/Creatinine	Unscheduled	2020-07-02 11:05 (-4)	38.0 (H)		7.8 - 26.7
		Day 29	2020-08-03 09:30 (29)	38.0 (H)		7.8 - 26.7
		Day 57	2020-08-31 09:56 (29)	33.3 (H)		7.8 - 26.7
US2051099	Alanine Aminotransferase (U/L)	Screening	2020-06-29 15:41 (-7)	13		10 - 40
		Day 29	2020-08-03 10:23 (29)	13		10 - 40
		Day 57	2020-09-02 10:14 (31)	15		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-29 15:41 (-7)	63		43 - 115
		Day 29	2020-08-03 10:23 (29)	63		43 - 115
		Day 57	2020-09-02 10:14 (31)	66		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-29 15:41 (-7)	20		10 - 43
		Day 29	2020-08-03 10:23 (29)	14		10 - 43
		Day 57	2020-09-02 10:14 (31)	18		10 - 43

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051099	Bilirubin (umol/L)	Screening	2020-06-29 15:41 (-7)	4.3		- 18.8
		Day 29	2020-08-03 10:23 (29)	6.2		- 18.8
		Day 57	2020-09-02 10:14 (31)	7.4		- 18.8
	Creatinine (umol/L)	Screening	2020-06-29 15:41 (-7)	71		62 - 124
		Day 29	2020-08-03 10:23 (29)	97		62 - 124
		Day 57	2020-09-02 10:14 (31)	88		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-29 15:41 (-7)	<3.4		0 - 6.8
		Day 29	2020-08-03 10:23 (29)	<3.4		0 - 6.8
		Day 57	2020-09-02 10:14 (31)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-29 15:41 (-7)	7.50 (H)		1.78 - 7.14
		Day 29	2020-08-03 10:23 (29)	8.92 (H)	G1 Blood Urea Nitrogen Increased	1.78 - 7.14
		Day 57	2020-09-02 10:14 (31)	7.85 (H)		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051099	Urea Nitrogen/Creatinine	Screening	2020-06-29 15:41 (-7)	26.2		7.8 - 26.7
		Day 29	2020-08-03 10:23 (29)	22.7		7.8 - 26.7
		Day 57	2020-09-02 10:14 (31)	22.0		7.8 - 26.7
US2051100	Alanine Aminotransferase (U/L)	Screening	2020-06-29 15:13 (-3)	12		10 - 33
		Day 29	2020-08-04 11:33 (34)	16		10 - 33
		Day 57	2020-09-08 09:21 (36)	15		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-29 15:13 (-3)	38		30 - 115
		Day 29	2020-08-04 11:33 (34)	36		30 - 115
		Day 57	2020-09-08 09:21 (36)	35		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-29 15:13 (-3)	23		10 - 36
		Day 29	2020-08-04 11:33 (34)	28		10 - 36
		Day 57	2020-09-08 09:21 (36)	20		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051100	Bilirubin (umol/L)	Screening	2020-06-29 15:13 (-3)	8.2		- 18.8
		Day 29	2020-08-04 11:33 (34)	8.7		- 18.8
		Day 57	2020-09-08 09:21 (36)	4.4		- 18.8
	Creatinine (umol/L)	Screening	2020-06-29 15:13 (-3)	62		62 - 124
		Day 29	2020-08-04 11:33 (34)	53 (L)		62 - 124
		Day 57	2020-09-08 09:21 (36)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-29 15:13 (-3)	<3.4		0 - 6.8
		Day 29	2020-08-04 11:33 (34)	<3.4		0 - 6.8
		Day 57	2020-09-08 09:21 (36)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-29 15:13 (-3)	5.00		1.78 - 7.14
		Day 29	2020-08-04 11:33 (34)	5.71		1.78 - 7.14
		Day 57	2020-09-08 09:21 (36)	6.07		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051100	Urea Nitrogen/Creatinine	Screening	2020-06-29 15:13 (-3)	20.0		7.8 - 26.7
		Day 29	2020-08-04 11:33 (34)	26.7		7.8 - 26.7
		Day 57	2020-09-08 09:21 (36)	24.3		7.8 - 26.7
US2051103	Alanine Aminotransferase (U/L)	Screening	2020-06-30 13:01 (-2)	12		10 - 33
		Day 29	2020-07-30 08:29 (29)	14		10 - 33
		Day 57	2020-08-27 09:18 (29)	16		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-30 13:01 (-2)	59		30 - 115
		Day 29	2020-07-30 08:29 (29)	64		30 - 115
		Day 57	2020-08-27 09:18 (29)	65		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-30 13:01 (-2)	15		10 - 36
		Day 29	2020-07-30 08:29 (29)	18		10 - 36
		Day 57	2020-08-27 09:18 (29)	18		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051103	Bilirubin (umol/L)	Screening	2020-06-30 13:01 (-2)	11.8		- 18.8
		Day 29	2020-07-30 08:29 (29)	8.9		- 18.8
		Day 57	2020-08-27 09:18 (29)	8.7		- 18.8
	Creatinine (umol/L)	Screening	2020-06-30 13:01 (-2)	62		62 - 124
		Day 29	2020-07-30 08:29 (29)	62		62 - 124
		Day 57	2020-08-27 09:18 (29)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-30 13:01 (-2)	<3.4		0 - 6.8
		Day 29	2020-07-30 08:29 (29)	<3.4		0 - 6.8
		Day 57	2020-08-27 09:18 (29)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-30 13:01 (-2)	91.8 (H)		1.7 - 21.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-30 13:01 (-2)	5.71		1.78 - 7.14
		Day 29	2020-07-30 08:29 (29)	6.78		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051103	Urea Nitrogen (mmol/L)	Day 57	2020-08-27 09:18 (29)	6.78		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-30 13:01 (-2)	22.9		7.8 - 26.7
		Day 29	2020-07-30 08:29 (29)	27.1 (H)		7.8 - 26.7
		Day 57	2020-08-27 09:18 (29)	27.1 (H)		7.8 - 26.7
US2051105	Alanine Aminotransferase (U/L)	Screening	2020-06-30 12:56 (-2)	16		10 - 33
		Day 29	2020-07-31 09:39 (30)	16		10 - 33
		Day 57	2020-08-27 14:59 (28)	16		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-30 12:56 (-2)	60		30 - 115
		Day 29	2020-07-31 09:39 (30)	69		30 - 115
		Day 57	2020-08-27 14:59 (28)	78		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-30 12:56 (-2)	20		10 - 36
		Day 29	2020-07-31 09:39 (30)	23		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051105	Aspartate Aminotransferase (U/L)	Day 57	2020-08-27 14:59 (28)	25		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-30 12:56 (-2)	6.0		- 18.8
		Day 29	2020-07-31 09:39 (30)	7.4		- 18.8
		Day 57	2020-08-27 14:59 (28)	4.3		- 18.8
	Creatinine (umol/L)	Screening	2020-06-30 12:56 (-2)	62		62 - 124
		Day 29	2020-07-31 09:39 (30)	53 (L)		62 - 124
		Day 57	2020-08-27 14:59 (28)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-30 12:56 (-2)	<3.4		0 - 6.8
		Day 29	2020-07-31 09:39 (30)	<3.4		0 - 6.8
		Day 57	2020-08-27 14:59 (28)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-30 12:56 (-2)	111.5 (H)		1.7 - 21.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-30 12:56 (-2)	4.28		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051105	Urea Nitrogen (mmol/L)	Day 29	2020-07-31 09:39 (30)	3.21		1.78 - 7.14
		Day 57	2020-08-27 14:59 (28)	4.64		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-30 12:56 (-2)	17.1		7.8 - 26.7
		Day 29	2020-07-31 09:39 (30)	15.0		7.8 - 26.7
		Day 57	2020-08-27 14:59 (28)	21.7		7.8 - 26.7
US2051107	Alanine Aminotransferase (U/L)	Screening	2020-06-30 15:22 (-2)	14		10 - 40
		Day 29	2020-07-31 09:27 (30)	12		10 - 40
		Day 57	2020-08-28 08:23 (29)	16		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-30 15:22 (-2)	59		43 - 115
		Day 29	2020-07-31 09:27 (30)	50		43 - 115
		Day 57	2020-08-28 08:23 (29)	49		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-30 15:22 (-2)	15		10 - 43

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051107	Aspartate Aminotransferase (U/L)	Day 29	2020-07-31 09:27 (30)	15		10 - 43
		Day 57	2020-08-28 08:23 (29)	14		10 - 43
	Bilirubin (umol/L)	Screening	2020-06-30 15:22 (-2)	16.1		- 18.8
		Day 29	2020-07-31 09:27 (30)	15.2		- 18.8
		Day 57	2020-08-28 08:23 (29)	17.8		- 18.8
	Creatinine (umol/L)	Screening	2020-06-30 15:22 (-2)	97		62 - 124
		Day 29	2020-07-31 09:27 (30)	88		62 - 124
		Day 57	2020-08-28 08:23 (29)	80		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-30 15:22 (-2)	3.4		0 - 6.8
		Day 29	2020-07-31 09:27 (30)	<3.4		0 - 6.8
		Day 57	2020-08-28 08:23 (29)	4.3		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-30 15:22 (-2)	7.50 (H)		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051107	Urea Nitrogen (mmol/L)	Day 29	2020-07-31 09:27 (30)	5.71		1.78 - 7.14
		Day 57	2020-08-28 08:23 (29)	7.85 (H)		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-30 15:22 (-2)	19.1		7.8 - 26.7
		Day 29	2020-07-31 09:27 (30)	16.0		7.8 - 26.7
		Day 57	2020-08-28 08:23 (29)	24.4		7.8 - 26.7
US2051109	Alanine Aminotransferase (U/L)	Screening	2020-06-30 16:02 (-6)	15		10 - 33
		Day 29	2020-08-04 12:16 (30)	12		10 - 33
		Day 57	2020-09-02 15:02 (30)	13		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-30 16:02 (-6)	52		30 - 115
		Day 29	2020-08-04 12:16 (30)	55		30 - 115
		Day 57	2020-09-02 15:02 (30)	59		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-30 16:02 (-6)	19		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051109	Aspartate Aminotransferase (U/L)	Day 29	2020-08-04 12:16 (30)	22		10 - 36
		Day 57	2020-09-02 15:02 (30)	18		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-30 16:02 (-6)	5.5		- 18.8
		Day 29	2020-08-04 12:16 (30)	8.6		- 18.8
		Day 57	2020-09-02 15:02 (30)	8.6		- 18.8
	Creatinine (umol/L)	Screening	2020-06-30 16:02 (-6)	53 (L)		62 - 124
		Day 29	2020-08-04 12:16 (30)	44 (L)		62 - 124
		Day 57	2020-09-02 15:02 (30)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-30 16:02 (-6)	<3.4		0 - 6.8
		Day 29	2020-08-04 12:16 (30)	<3.4		0 - 6.8
		Day 57	2020-09-02 15:02 (30)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-30 16:02 (-6)	77.6 (H)		1.7 - 21.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051109	Urea Nitrogen (mmol/L)	Screening	2020-06-30 16:02 (-6)	6.07		1.78 - 7.14
		Day 29	2020-08-04 12:16 (30)	5.00		1.78 - 7.14
		Day 57	2020-09-02 15:02 (30)	5.71		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-30 16:02 (-6)	28.3 (H)		7.8 - 26.7
		Day 29	2020-08-04 12:16 (30)	28.0 (H)		7.8 - 26.7
		Day 57	2020-09-02 15:02 (30)	22.9		7.8 - 26.7
US2061037	Alanine Aminotransferase (U/L)	Screening	2020-06-09 11:37 (-17)	30		10 - 33
		Day 29	2020-07-29 08:40 (34)	44 (H)	G1 Alanine Aminotransferase Increased	10 - 33
		Day 57	2020-08-26 13:50 (29)	25		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-09 11:37 (-17)	102		30 - 115
		Day 29	2020-07-29 08:40 (34)	81		30 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061037	Alkaline Phosphatase (U/L)	Day 57	2020-08-26 13:50 (29)	90		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-09 11:37 (-17)	27		10 - 36
		Day 29	2020-07-29 08:40 (34)	34		10 - 36
		Day 57	2020-08-26 13:50 (29)	20		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-09 11:37 (-17)	15.2		- 18.8
		Day 29	2020-07-29 08:40 (34)	16.4		- 18.8
		Day 57	2020-08-26 13:50 (29)	11.6		- 18.8
	Creatinine (umol/L)	Screening	2020-06-09 11:37 (-17)	44 (L)		62 - 124
		Day 29	2020-07-29 08:40 (34)	44 (L)		62 - 124
		Day 57	2020-08-26 13:50 (29)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-09 11:37 (-17)	3.4		0 - 6.8
		Day 29	2020-07-29 08:40 (34)	3.4		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061037	Direct Bilirubin (umol/L)	Day 57	2020-08-26 13:50 (29)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-09 11:37 (-17)	51.8 (H)		1.7 - 21.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-09 11:37 (-17)	5.35		1.78 - 7.14
		Day 29	2020-07-29 08:40 (34)	4.64		1.78 - 7.14
		Day 57	2020-08-26 13:50 (29)	5.00		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-09 11:37 (-17)	30.0 (H)		7.8 - 26.7
		Day 29	2020-07-29 08:40 (34)	26.0		7.8 - 26.7
		Day 57	2020-08-26 13:50 (29)	20.0		7.8 - 26.7
US2061053	Alanine Aminotransferase (U/L)	Screening	2020-06-15 14:02 (-16)	16		10 - 33
		Day 29	2020-07-29 11:44 (29)	12		10 - 33
		Day 57	2020-08-24 11:58 (27)	18		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-15 14:02 (-16)	89		30 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061053	Alkaline Phosphatase (U/L)	Day 29	2020-07-29 11:44 (29)	85		30 - 115
		Day 57	2020-08-24 11:58 (27)	88		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-15 14:02 (-16)	22		10 - 36
		Day 29	2020-07-29 11:44 (29)	20		10 - 36
		Day 57	2020-08-24 11:58 (27)	22		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-15 14:02 (-16)	5.6		- 18.8
		Day 29	2020-07-29 11:44 (29)	8.9		- 18.8
		Day 57	2020-08-24 11:58 (27)	5.0		- 18.8
	Creatinine (umol/L)	Screening	2020-06-15 14:02 (-16)	71		62 - 124
		Day 29	2020-07-29 11:44 (29)	62		62 - 124
		Day 57	2020-08-24 11:58 (27)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-15 14:02 (-16)	<3.4		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061053	Direct Bilirubin (umol/L)	Day 29	2020-07-29 11:44 (29)	<3.4		0 - 6.8
		Day 57	2020-08-24 11:58 (27)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-15 14:02 (-16)	69.0 (H)		1.7 - 21.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-15 14:02 (-16)	5.00		1.78 - 7.14
		Day 29	2020-07-29 11:44 (29)	2.86		1.78 - 7.14
		Day 57	2020-08-24 11:58 (27)	4.28		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-15 14:02 (-16)	17.5		7.8 - 26.7
		Day 29	2020-07-29 11:44 (29)	11.4		7.8 - 26.7
		Day 57	2020-08-24 11:58 (27)	17.1		7.8 - 26.7
US2061057	Alanine Aminotransferase (U/L)	Screening	2020-06-18 14:10 (-13)	19		10 - 33
		Day 29	2020-07-29 11:44 (29)	18		10 - 33
		Day 57	2020-08-24 09:49 (27)	22		10 - 33

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061057	Alkaline Phosphatase (U/L)	Screening	2020-06-18 14:10 (-13)	101		30 - 115
		Day 29	2020-07-29 11:44 (29)	75		30 - 115
		Day 57	2020-08-24 09:49 (27)	75		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-18 14:10 (-13)	25		10 - 36
		Day 29	2020-07-29 11:44 (29)	26		10 - 36
		Day 57	2020-08-24 09:49 (27)	22		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-18 14:10 (-13)	3.9		- 18.8
		Day 29	2020-07-29 11:44 (29)	3.9		- 18.8
		Day 57	2020-08-24 09:49 (27)	4.8		- 18.8
	Creatinine (umol/L)	Screening	2020-06-18 14:10 (-13)	44 (L)		62 - 124
		Day 29	2020-07-29 11:44 (29)	44 (L)		62 - 124
		Day 57	2020-08-24 09:49 (27)	44 (L)		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061057	Direct Bilirubin (umol/L)	Screening	2020-06-18 14:10 (-13)	<3.4		0 - 6.8
		Day 29	2020-07-29 11:44 (29)	<3.4		0 - 6.8
		Day 57	2020-08-24 09:49 (27)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-18 14:10 (-13)	57.8 (H)		1.7 - 21.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-18 14:10 (-13)	5.35		1.78 - 7.14
		Day 29	2020-07-29 11:44 (29)	5.71		1.78 - 7.14
		Day 57	2020-08-24 09:49 (27)	6.07		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-18 14:10 (-13)	30.0 (H)		7.8 - 26.7
		Day 29	2020-07-29 11:44 (29)	32.0 (H)		7.8 - 26.7
		Day 57	2020-08-24 09:49 (27)	34.0 (H)		7.8 - 26.7
US2061064	Alanine Aminotransferase (U/L)	Screening	2020-06-22 14:23 (-8)	18		10 - 33
		Day 29	2020-07-28 14:05 (29)	14		10 - 33

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061064	Alanine Aminotransferase (U/L)	Day 57	2020-08-24 13:18 (28)	18		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-22 14:23 (-8)	77		30 - 115
		Day 29	2020-07-28 14:05 (29)	66		30 - 115
		Day 57	2020-08-24 13:18 (28)	68		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-22 14:23 (-8)	18		10 - 36
		Day 29	2020-07-28 14:05 (29)	16		10 - 36
		Day 57	2020-08-24 13:18 (28)	14		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-22 14:23 (-8)	4.1		- 18.8
		Day 29	2020-07-28 14:05 (29)	3.4		- 18.8
		Day 57	2020-08-24 13:18 (28)	4.3		- 18.8
	Creatinine (umol/L)	Screening	2020-06-22 14:23 (-8)	53 (L)		62 - 124
		Day 29	2020-07-28 14:05 (29)	53 (L)		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061064	Creatinine (umol/L)	Day 57	2020-08-24 13:18 (28)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-22 14:23 (-8)	<3.4		0 - 6.8
		Day 29	2020-07-28 14:05 (29)	<3.4		0 - 6.8
		Day 57	2020-08-24 13:18 (28)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-22 14:23 (-8)	4.64		1.78 - 7.14
		Day 29	2020-07-28 14:05 (29)	5.35		1.78 - 7.14
		Day 57	2020-08-24 13:18 (28)	8.57 (H)	G1 Blood Urea Nitrogen Increased	1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-22 14:23 (-8)	21.7		7.8 - 26.7
		Day 29	2020-07-28 14:05 (29)	25.0		7.8 - 26.7
		Day 57	2020-08-24 13:18 (28)	40.0 (H)		7.8 - 26.7
US2061068	Alanine Aminotransferase (U/L)	Screening	2020-06-24 10:43 (-6)	20		10 - 33

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061068	Alanine Aminotransferase (U/L)	Day 29	2020-07-31 08:35 (32)	40 (H)	G1 Alanine Aminotransferase Increased	10 - 33
		Day 57	2020-09-02 08:13 (34)	25		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-24 10:43 (-6)	89		30 - 115
		Day 29	2020-07-31 08:35 (32)	108		30 - 115
		Day 57	2020-09-02 08:13 (34)	82		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-24 10:43 (-6)	29		10 - 36
		Day 29	2020-07-31 08:35 (32)	32		10 - 36
		Day 57	2020-09-02 08:13 (34)	30		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-24 10:43 (-6)	7.4		- 18.8
		Day 29	2020-07-31 08:35 (32)	6.5		- 18.8
		Day 57	2020-09-02 08:13 (34)	9.1		- 18.8
	Creatinine (umol/L)	Screening	2020-06-24 10:43 (-6)	62		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061068	Creatinine (umol/L)	Day 29	2020-07-31 08:35 (32)	62		62 - 124
		Day 57	2020-09-02 08:13 (34)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-24 10:43 (-6)	<3.4		0 - 6.8
		Day 29	2020-07-31 08:35 (32)	<3.4		0 - 6.8
		Day 57	2020-09-02 08:13 (34)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-24 10:43 (-6)	101.5 (H)		1.7 - 21.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-24 10:43 (-6)	5.35		1.78 - 7.14
		Day 29	2020-07-31 08:35 (32)	3.93		1.78 - 7.14
		Day 57	2020-09-02 08:13 (34)	3.93		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-24 10:43 (-6)	21.4		7.8 - 26.7
		Day 29	2020-07-31 08:35 (32)	15.7		7.8 - 26.7
		Day 57	2020-09-02 08:13 (34)	15.7		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071007	Alanine Aminotransferase (U/L)	Screening	2020-05-25 13:02 (-8)	15		10 - 33
		Day 29	2020-07-07 10:16 (36)	12		10 - 33
		Day 57	2020-08-06 10:50 (31)	12		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-25 13:02 (-8)	63		30 - 115
		Day 29	2020-07-07 10:16 (36)	60		30 - 115
		Day 57	2020-08-06 10:50 (31)	70		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-25 13:02 (-8)	19		10 - 36
		Day 29	2020-07-07 10:16 (36)	15		10 - 36
		Day 57	2020-08-06 10:50 (31)	23		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-25 13:02 (-8)	8.7		- 18.8
		Day 29	2020-07-07 10:16 (36)	8.9		- 18.8
		Day 57	2020-08-06 10:50 (31)	6.2		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071007	Creatinine (umol/L)	Screening	2020-05-25 13:02 (-8)	44 (L)		62 - 124
		Day 29	2020-07-07 10:16 (36)	62		62 - 124
		Day 57	2020-08-06 10:50 (31)	44 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-25 13:02 (-8)	<3.4		0 - 6.8
		Day 29	2020-07-07 10:16 (36)	<3.4		0 - 6.8
		Day 57	2020-08-06 10:50 (31)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-25 13:02 (-8)	5.35		1.78 - 7.14
		Day 29	2020-07-07 10:16 (36)	6.07		1.78 - 7.14
		Day 57	2020-08-06 10:50 (31)	5.00		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-25 13:02 (-8)	30.0 (H)		7.8 - 26.7
		Day 29	2020-07-07 10:16 (36)	24.3		7.8 - 26.7
		Day 57	2020-08-06 10:50 (31)	28.0 (H)		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071024	Alanine Aminotransferase (U/L)	Screening	2020-05-26 11:03 (-8)	22		10 - 33
		Day 29	2020-07-06 09:34 (34)	18		10 - 33
		Day 57	2020-08-03 09:18 (29)	21		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-26 11:03 (-8)	113		30 - 115
		Day 29	2020-07-06 09:34 (34)	111		30 - 115
		Day 57	2020-08-03 09:18 (29)	92		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-26 11:03 (-8)	20		10 - 36
		Day 29	2020-07-06 09:34 (34)	17		10 - 36
		Day 57	2020-08-03 09:18 (29)	18		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-26 11:03 (-8)	5.5		- 18.8
		Day 29	2020-07-06 09:34 (34)	4.3		- 18.8
		Day 57	2020-08-03 09:18 (29)	8.6		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071024	Creatinine (umol/L)	Screening	2020-05-26 11:03 (-8)	53 (L)		62 - 124
		Day 29	2020-07-06 09:34 (34)	53 (L)		62 - 124
		Day 57	2020-08-03 09:18 (29)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-26 11:03 (-8)	<3.4		0 - 6.8
		Day 29	2020-07-06 09:34 (34)	<3.4		0 - 6.8
		Day 57	2020-08-03 09:18 (29)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-26 11:03 (-8)	4.28		1.78 - 7.14
		Day 29	2020-07-06 09:34 (34)	3.93		1.78 - 7.14
		Day 57	2020-08-03 09:18 (29)	4.28		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-26 11:03 (-8)	20.0		7.8 - 26.7
		Day 29	2020-07-06 09:34 (34)	18.3		7.8 - 26.7
		Day 57	2020-08-03 09:18 (29)	17.1		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071025	Alanine Aminotransferase (U/L)	Screening	2020-05-26 11:19 (-8)	11		10 - 33
		Day 29	2020-07-08 10:30 (36)	13		10 - 33
		Day 57	2020-08-05 10:30 (29)	13		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-26 11:19 (-8)	81		30 - 115
		Day 29	2020-07-08 10:30 (36)	79		30 - 115
		Day 57	2020-08-05 10:30 (29)	75		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-26 11:19 (-8)	24		10 - 36
		Day 29	2020-07-08 10:30 (36)	20		10 - 36
		Day 57	2020-08-05 10:30 (29)	24		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-26 11:19 (-8)	9.9		- 18.8
		Day 29	2020-07-08 10:30 (36)	3.2		- 18.8
		Day 57	2020-08-05 10:30 (29)	4.6		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071025	Creatinine (umol/L)	Screening	2020-05-26 11:19 (-8)	53 (L)		62 - 124
		Day 29	2020-07-08 10:30 (36)	53 (L)		62 - 124
		Day 57	2020-08-05 10:30 (29)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-26 11:19 (-8)	<3.4		0 - 6.8
		Day 29	2020-07-08 10:30 (36)	<3.4		0 - 6.8
		Day 57	2020-08-05 10:30 (29)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-26 11:19 (-8)	4.28		1.78 - 7.14
		Day 29	2020-07-08 10:30 (36)	5.71		1.78 - 7.14
		Day 57	2020-08-05 10:30 (29)	6.07		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-26 11:19 (-8)	20.0		7.8 - 26.7
		Day 29	2020-07-08 10:30 (36)	26.7		7.8 - 26.7
		Day 57	2020-08-05 10:30 (29)	24.3		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071083	Alanine Aminotransferase (U/L)	Screening	2020-06-15 09:22 (-11)	12		10 - 33
		Day 29	2020-07-21 09:04 (26)	10		10 - 33
		Day 57	2020-08-24 08:50 (35)	11		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-15 09:22 (-11)	87		30 - 115
		Day 29	2020-07-21 09:04 (26)	95		30 - 115
		Day 57	2020-08-24 08:50 (35)	87		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-15 09:22 (-11)	21		10 - 36
		Day 29	2020-07-21 09:04 (26)	22		10 - 36
		Day 57	2020-08-24 08:50 (35)	20		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-15 09:22 (-11)	6.5		- 18.8
		Day 29	2020-07-21 09:04 (26)	6.2		- 18.8
		Day 57	2020-08-24 08:50 (35)	7.2		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071083	Creatinine (umol/L)	Screening	2020-06-15 09:22 (-11)	62		62 - 124
		Day 29	2020-07-21 09:04 (26)	53 (L)		62 - 124
		Day 57	2020-08-24 08:50 (35)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-15 09:22 (-11)	<3.4		0 - 6.8
		Day 29	2020-07-21 09:04 (26)	<3.4		0 - 6.8
		Day 57	2020-08-24 08:50 (35)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-15 09:22 (-11)	6.78		1.78 - 7.14
		Day 29	2020-07-21 09:04 (26)	5.35		1.78 - 7.14
		Day 57	2020-08-24 08:50 (35)	6.07		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-15 09:22 (-11)	27.1 (H)		7.8 - 26.7
		Day 29	2020-07-21 09:04 (26)	25.0		7.8 - 26.7
		Day 57	2020-08-24 08:50 (35)	28.3 (H)		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071090	Alanine Aminotransferase (U/L)	Screening	2020-06-18 17:31 (-11)	17		10 - 33
		Day 29	2020-07-29 14:23 (31)	19		10 - 33
		Day 57	2020-08-25 16:10 (28)	16		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-18 17:31 (-11)	53		30 - 115
		Day 29	2020-07-29 14:23 (31)	52		30 - 115
		Day 57	2020-08-25 16:10 (28)	55		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-18 17:31 (-11)	18		10 - 36
		Day 29	2020-07-29 14:23 (31)	21		10 - 36
		Day 57	2020-08-25 16:10 (28)	16		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-18 17:31 (-11)	9.9		- 18.8
		Day 29	2020-07-29 14:23 (31)	7.9		- 18.8
		Day 57	2020-08-25 16:10 (28)	8.0		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071090	Creatinine (umol/L)	Screening	2020-06-18 17:31 (-11)	44 (L)		62 - 124
		Day 29	2020-07-29 14:23 (31)	35 (L)		62 - 124
		Day 57	2020-08-25 16:10 (28)	35 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-18 17:31 (-11)	<3.4		0 - 6.8
		Day 29	2020-07-29 14:23 (31)	<3.4		0 - 6.8
		Day 57	2020-08-25 16:10 (28)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-18 17:31 (-11)	4.28		1.78 - 7.14
		Day 29	2020-07-29 14:23 (31)	7.14		1.78 - 7.14
		Day 57	2020-08-25 16:10 (28)	3.57		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-18 17:31 (-11)	24.0		7.8 - 26.7
		Day 29	2020-07-29 14:23 (31)	50.0 (H)		7.8 - 26.7
		Day 57	2020-08-25 16:10 (28)	25.0		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071099	Alanine Aminotransferase (U/L)	Screening	2020-06-24 15:16 (-13)	104 (H)	G2 Alanine Aminotransferase Increased	10 - 40
		Day 29	2020-08-04 14:22 (29)	80 (H)	G1 Alanine Aminotransferase Increased	10 - 40
		Unscheduled	2020-08-26 14:23 (23)	96 (H)	G1 Alanine Aminotransferase Increased	10 - 40
		Day 57	2020-09-03 14:20 (31)	84 (H)	G1 Alanine Aminotransferase Increased	10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-24 15:16 (-13)	90		43 - 115
		Day 29	2020-08-04 14:22 (29)	96		43 - 115
		Unscheduled	2020-08-26 14:23 (23)	76		43 - 115
		Day 57	2020-09-03 14:20 (31)	88		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-24 15:16 (-13)	86 (H)	G1 Aspartate Aminotransferase Increased	10 - 43

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071099	Aspartate Aminotransferase (U/L)	Day 29	2020-08-04 14:22 (29)	69 (H)	G1 Aspartate Aminotransferase Increased	10 - 43
		Unscheduled	2020-08-26 14:23 (23)	75 (H)	G1 Aspartate Aminotransferase Increased	10 - 43
		Day 57	2020-09-03 14:20 (31)	65 (H)	G1 Aspartate Aminotransferase Increased	10 - 43
	Bilirubin (umol/L)	Screening	2020-06-24 15:16 (-13)	6.5		- 18.8
		Day 29	2020-08-04 14:22 (29)	3.6		- 18.8
		Unscheduled	2020-08-26 14:23 (23)	6.8		- 18.8
		Day 57	2020-09-03 14:20 (31)	7.4		- 18.8
	Creatinine (umol/L)	Screening	2020-06-24 15:16 (-13)	53 (L)		62 - 124
		Day 29	2020-08-04 14:22 (29)	53 (L)		62 - 124
		Unscheduled	2020-08-26 14:23 (23)	53 (L)		62 - 124
		Day 57	2020-09-03 14:20 (31)	62		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071099	Direct Bilirubin (umol/L)	Screening	2020-06-24 15:16 (-13)	<3.4		0 - 6.8
		Day 29	2020-08-04 14:22 (29)	<3.4		0 - 6.8
		Unscheduled	2020-08-26 14:23 (23)	<3.4		0 - 6.8
		Day 57	2020-09-03 14:20 (31)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-24 15:16 (-13)	4.64		1.78 - 7.14
		Day 29	2020-08-04 14:22 (29)	4.28		1.78 - 7.14
		Unscheduled	2020-08-26 14:23 (23)	5.00		1.78 - 7.14
		Day 57	2020-09-03 14:20 (31)	3.93		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-24 15:16 (-13)	21.7		7.8 - 26.7
		Day 29	2020-08-04 14:22 (29)	20.0		7.8 - 26.7
		Unscheduled	2020-08-26 14:23 (23)	23.3		7.8 - 26.7
		Day 57	2020-09-03 14:20 (31)	15.7		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071101	Alanine Aminotransferase (U/L)	Screening	2020-06-25 14:05 (-4)	15		10 - 33
		Day 29	2020-08-03 13:45 (36)	14		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-25 14:05 (-4)	101		30 - 115
		Day 29	2020-08-03 13:45 (36)	84		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-25 14:05 (-4)	27		10 - 36
		Day 29	2020-08-03 13:45 (36)	24		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-25 14:05 (-4)	11.8		- 18.8
		Day 29	2020-08-03 13:45 (36)	12.3		- 18.8
	Creatinine (umol/L)	Screening	2020-06-25 14:05 (-4)	53 (L)		62 - 124
		Day 29	2020-08-03 13:45 (36)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-25 14:05 (-4)	<3.4		0 - 6.8
		Day 29	2020-08-03 13:45 (36)	<3.4		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071101	Urea Nitrogen (mmol/L)	Screening	2020-06-25 14:05 (-4)	5.35		1.78 - 7.14
		Day 29	2020-08-03 13:45 (36)	6.07		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-25 14:05 (-4)	25.0		7.8 - 26.7
		Day 29	2020-08-03 13:45 (36)	28.3 (H)		7.8 - 26.7
US2071104	Alanine Aminotransferase (U/L)	Screening	2020-06-26 15:32 (-10)	9 (L)		10 - 40
		Day 29	2020-08-10 10:10 (36)	14		10 - 40
		Day 57	2020-09-04 09:56 (26)	10		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-26 15:32 (-10)	59		43 - 115
		Day 29	2020-08-10 10:10 (36)	58		43 - 115
		Day 57	2020-09-04 09:56 (26)	59		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-26 15:32 (-10)	16		10 - 43
		Day 29	2020-08-10 10:10 (36)	16		10 - 43

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071104	Aspartate Aminotransferase (U/L)	Day 57	2020-09-04 09:56 (26)	13		10 - 43
	Bilirubin (umol/L)	Screening	2020-06-26 15:32 (-10)	3.1		- 18.8
		Day 29	2020-08-10 10:10 (36)	3.2		- 18.8
		Day 57	2020-09-04 09:56 (26)	2.6		- 18.8
	Creatinine (umol/L)	Screening	2020-06-26 15:32 (-10)	88		62 - 124
		Day 29	2020-08-10 10:10 (36)	88		62 - 124
		Day 57	2020-09-04 09:56 (26)	88		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-26 15:32 (-10)	<3.4		0 - 6.8
		Day 29	2020-08-10 10:10 (36)	<3.4		0 - 6.8
		Day 57	2020-09-04 09:56 (26)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-26 15:32 (-10)	6.43		1.78 - 7.14
		Day 29	2020-08-10 10:10 (36)	6.07		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071104	Urea Nitrogen (mmol/L)	Day 57	2020-09-04 09:56 (26)	5.00		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-26 15:32 (-10)	18.0		7.8 - 26.7
		Day 29	2020-08-10 10:10 (36)	17.0		7.8 - 26.7
		Day 57	2020-09-04 09:56 (26)	14.0		7.8 - 26.7
US2071106	Alanine Aminotransferase (U/L)	Screening	2020-07-01 15:55 (-5)	25		10 - 40
		Day 57	2020-08-26 10:24 (52)	32		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-07-01 15:55 (-5)	63		43 - 115
		Day 57	2020-08-26 10:24 (52)	60		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-07-01 15:55 (-5)	20		10 - 43
		Day 57	2020-08-26 10:24 (52)	24		10 - 43
	Bilirubin (umol/L)	Screening	2020-07-01 15:55 (-5)	11.5		- 18.8
		Day 57	2020-08-26 10:24 (52)	12.3		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071106	Creatinine (umol/L)	Screening	2020-07-01 15:55 (-5)	88		62 - 124
		Day 57	2020-08-26 10:24 (52)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-07-01 15:55 (-5)	<3.4		0 - 6.8
		Day 57	2020-08-26 10:24 (52)	3.8		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-07-01 15:55 (-5)	6.07		1.78 - 7.14
		Day 57	2020-08-26 10:24 (52)	6.07		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-07-01 15:55 (-5)	17.0		7.8 - 26.7
		Day 57	2020-08-26 10:24 (52)	24.3		7.8 - 26.7
US2081003	Alanine Aminotransferase (U/L)	Screening	2020-05-26 11:35 (-3)	31		10 - 33
		Day 29	2020-06-29 09:10 (32)	17		10 - 33
		Day 57	2020-07-27 10:05 (29)	17		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-26 11:35 (-3)	60		30 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081003	Alkaline Phosphatase (U/L)	Day 29	2020-06-29 09:10 (32)	58		30 - 115
		Day 57	2020-07-27 10:05 (29)	51		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-26 11:35 (-3)	28		10 - 36
		Day 29	2020-06-29 09:10 (32)	19		10 - 36
		Day 57	2020-07-27 10:05 (29)	23		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-26 11:35 (-3)	11.1		- 18.8
		Day 29	2020-06-29 09:10 (32)	3.8		- 18.8
		Day 57	2020-07-27 10:05 (29)	3.9		- 18.8
	Creatinine (umol/L)	Screening	2020-05-26 11:35 (-3)	71		62 - 124
		Day 29	2020-06-29 09:10 (32)	97		62 - 124
		Day 57	2020-07-27 10:05 (29)	88		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-26 11:35 (-3)	<3.4		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081003	Direct Bilirubin (umol/L)	Day 29	2020-06-29 09:10 (32)	<3.4		0 - 6.8
		Day 57	2020-07-27 10:05 (29)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-26 11:35 (-3)	3.93		1.78 - 7.14
		Day 29	2020-06-29 09:10 (32)	6.43		1.78 - 7.14
		Day 57	2020-07-27 10:05 (29)	6.07		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-26 11:35 (-3)	13.8		7.8 - 26.7
		Day 29	2020-06-29 09:10 (32)	16.4		7.8 - 26.7
		Day 57	2020-07-27 10:05 (29)	17.0		7.8 - 26.7
US2081009	Alanine Aminotransferase (U/L)	Screening	2020-05-27 09:01 (-5)	22		10 - 33
		Day 29	2020-07-02 13:10 (32)	20		10 - 33
		Day 57	2020-07-28 13:35 (27)	23		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-27 09:01 (-5)	51		30 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081009	Alkaline Phosphatase (U/L)	Day 29	2020-07-02 13:10 (32)	54		30 - 115
		Day 57	2020-07-28 13:35 (27)	51		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-27 09:01 (-5)	23		10 - 36
		Day 29	2020-07-02 13:10 (32)	22		10 - 36
		Day 57	2020-07-28 13:35 (27)	25		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-27 09:01 (-5)	6.7		- 18.8
		Day 29	2020-07-02 13:10 (32)	4.6		- 18.8
		Day 57	2020-07-28 13:35 (27)	4.1		- 18.8
	Creatinine (umol/L)	Screening	2020-05-27 09:01 (-5)	80		62 - 124
		Day 29	2020-07-02 13:10 (32)	71		62 - 124
		Day 57	2020-07-28 13:35 (27)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-27 09:01 (-5)	<3.4		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081009	Direct Bilirubin (umol/L)	Day 29	2020-07-02 13:10 (32)	<3.4		0 - 6.8
		Day 57	2020-07-28 13:35 (27)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-27 09:01 (-5)	5.71		1.78 - 7.14
		Day 29	2020-07-02 13:10 (32)	6.78		1.78 - 7.14
		Day 57	2020-07-28 13:35 (27)	5.71		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-27 09:01 (-5)	17.8		7.8 - 26.7
		Day 29	2020-07-02 13:10 (32)	23.8		7.8 - 26.7
		Day 57	2020-07-28 13:35 (27)	20.0		7.8 - 26.7
US2081020	Alanine Aminotransferase (U/L)	Screening	2020-05-28 10:50 (-5)	20		10 - 33
		Day 29	2020-06-29 11:10 (28)	17		10 - 33
		Day 57	2020-07-28 13:10 (30)	15		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-28 10:50 (-5)	72		30 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081020	Alkaline Phosphatase (U/L)	Day 29	2020-06-29 11:10 (28)	82		30 - 115
		Day 57	2020-07-28 13:10 (30)	76		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-28 10:50 (-5)	26		10 - 36
		Day 29	2020-06-29 11:10 (28)	22		10 - 36
		Day 57	2020-07-28 13:10 (30)	24		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-28 10:50 (-5)	7.2		- 18.8
		Day 29	2020-06-29 11:10 (28)	5.8		- 18.8
		Day 57	2020-07-28 13:10 (30)	5.0		- 18.8
	Creatinine (umol/L)	Screening	2020-05-28 10:50 (-5)	62		62 - 124
		Day 29	2020-06-29 11:10 (28)	62		62 - 124
		Day 57	2020-07-28 13:10 (30)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-28 10:50 (-5)	<3.4		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081020	Direct Bilirubin (umol/L)	Day 29	2020-06-29 11:10 (28)	<3.4		0 - 6.8
		Day 57	2020-07-28 13:10 (30)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-28 10:50 (-5)	6.07		1.78 - 7.14
		Day 29	2020-06-29 11:10 (28)	7.50 (H)		1.78 - 7.14
		Day 57	2020-07-28 13:10 (30)	9.28 (H)	G1 Blood Urea Nitrogen Increased	1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-28 10:50 (-5)	24.3		7.8 - 26.7
		Day 29	2020-06-29 11:10 (28)	30.0 (H)		7.8 - 26.7
		Day 57	2020-07-28 13:10 (30)	32.5 (H)		7.8 - 26.7
US2081070	Alanine Aminotransferase (U/L)	Screening	2020-06-12 12:33 (-14)	17		10 - 40
		Day 29	2020-07-24 13:19 (29)	16		10 - 40
		Day 57	2020-08-21 14:40 (29)	16		10 - 40

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081070	Alkaline Phosphatase (U/L)	Screening	2020-06-12 12:33 (-14)	76		43 - 115
		Day 29	2020-07-24 13:19 (29)	70		43 - 115
		Day 57	2020-08-21 14:40 (29)	77		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-12 12:33 (-14)	20		10 - 43
		Day 29	2020-07-24 13:19 (29)	20		10 - 43
		Day 57	2020-08-21 14:40 (29)	19		10 - 43
	Bilirubin (umol/L)	Screening	2020-06-12 12:33 (-14)	9.1		- 18.8
		Day 29	2020-07-24 13:19 (29)	8.0		- 18.8
		Day 57	2020-08-21 14:40 (29)	10.3		- 18.8
	Creatinine (umol/L)	Screening	2020-06-12 12:33 (-14)	80		62 - 124
		Day 29	2020-07-24 13:19 (29)	88		62 - 124
		Day 57	2020-08-21 14:40 (29)	80		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081070	Direct Bilirubin (umol/L)	Screening	2020-06-12 12:33 (-14)	<3.4		0 - 6.8
		Day 29	2020-07-24 13:19 (29)	<3.4		0 - 6.8
		Day 57	2020-08-21 14:40 (29)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-12 12:33 (-14)	7.50 (H)		1.78 - 7.14
		Day 29	2020-07-24 13:19 (29)	6.43		1.78 - 7.14
		Day 57	2020-08-21 14:40 (29)	7.85 (H)		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-12 12:33 (-14)	23.3		7.8 - 26.7
		Day 29	2020-07-24 13:19 (29)	18.0		7.8 - 26.7
		Day 57	2020-08-21 14:40 (29)	24.4		7.8 - 26.7
US2081071	Alanine Aminotransferase (U/L)	Screening	2020-06-12 13:32 (-18)	30		10 - 40
		Day 29	2020-07-29 11:18 (30)	29		10 - 40
		Day 57	2020-08-26 13:40 (29)	31		10 - 40

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081071	Alkaline Phosphatase (U/L)	Screening	2020-06-12 13:32 (-18)	75		43 - 115
		Day 29	2020-07-29 11:18 (30)	70		43 - 115
		Day 57	2020-08-26 13:40 (29)	73		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-12 13:32 (-18)	22		10 - 43
		Day 29	2020-07-29 11:18 (30)	20		10 - 43
		Day 57	2020-08-26 13:40 (29)	23		10 - 43
	Bilirubin (umol/L)	Screening	2020-06-12 13:32 (-18)	6.8		- 18.8
		Day 29	2020-07-29 11:18 (30)	7.4		- 18.8
		Day 57	2020-08-26 13:40 (29)	8.9		- 18.8
	Creatinine (umol/L)	Screening	2020-06-12 13:32 (-18)	80		62 - 124
		Day 29	2020-07-29 11:18 (30)	80		62 - 124
		Day 57	2020-08-26 13:40 (29)	106		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081071	Direct Bilirubin (umol/L)	Screening	2020-06-12 13:32 (-18)	<3.4		0 - 6.8
		Day 29	2020-07-29 11:18 (30)	<3.4		0 - 6.8
		Day 57	2020-08-26 13:40 (29)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-12 13:32 (-18)	7.14		1.78 - 7.14
		Day 29	2020-07-29 11:18 (30)	6.07		1.78 - 7.14
		Day 57	2020-08-26 13:40 (29)	7.14		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-12 13:32 (-18)	22.2		7.8 - 26.7
		Day 29	2020-07-29 11:18 (30)	18.9		7.8 - 26.7
		Day 57	2020-08-26 13:40 (29)	16.7		7.8 - 26.7
US2081085	Alanine Aminotransferase (U/L)	Screening	2020-06-18 11:13 (-15)	39 (H)	G1 Alanine Aminotransferase Increased	10 - 33
		Day 29	2020-08-11 08:03 (40)	15		10 - 33

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081085	Alanine Aminotransferase (U/L)	Day 57	2020-09-08 09:50 (29)	27		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-18 11:13 (-15)	92		30 - 115
		Day 29	2020-08-11 08:03 (40)	94		30 - 115
		Day 57	2020-09-08 09:50 (29)	95		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-18 11:13 (-15)	33		10 - 36
		Day 29	2020-08-11 08:03 (40)	16		10 - 36
		Day 57	2020-09-08 09:50 (29)	26		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-18 11:13 (-15)	5.1		- 18.8
		Day 29	2020-08-11 08:03 (40)	2.6		- 18.8
		Day 57	2020-09-08 09:50 (29)	3.9		- 18.8
	Creatinine (umol/L)	Screening	2020-06-18 11:13 (-15)	71		62 - 124
		Day 29	2020-08-11 08:03 (40)	62		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081085	Creatinine (umol/L)	Day 57	2020-09-08 09:50 (29)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-18 11:13 (-15)	<3.4		0 - 6.8
		Day 29	2020-08-11 08:03 (40)	<3.4		0 - 6.8
		Day 57	2020-09-08 09:50 (29)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-18 11:13 (-15)	3.21		1.78 - 7.14
		Day 29	2020-08-11 08:03 (40)	4.28		1.78 - 7.14
		Day 57	2020-09-08 09:50 (29)	4.28		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-18 11:13 (-15)	11.2		7.8 - 26.7
		Day 29	2020-08-11 08:03 (40)	17.1		7.8 - 26.7
		Day 57	2020-09-08 09:50 (29)	20.0		7.8 - 26.7
US2081090	Alanine Aminotransferase (U/L)	Screening	2020-06-19 07:46 (-12)	17		10 - 40
		Day 29	2020-08-03 07:31 (34)	14		10 - 40

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081090	Alanine Aminotransferase (U/L)	Day 57	2020-09-02 10:55 (31)	14		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-19 07:46 (-12)	83		43 - 115
		Day 29	2020-08-03 07:31 (34)	63		43 - 115
		Day 57	2020-09-02 10:55 (31)	64		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-19 07:46 (-12)	18		10 - 43
		Day 29	2020-08-03 07:31 (34)	22		10 - 43
		Day 57	2020-09-02 10:55 (31)	16		10 - 43
	Bilirubin (umol/L)	Screening	2020-06-19 07:46 (-12)	2.7		- 18.8
		Day 29	2020-08-03 07:31 (34)	5.6		- 18.8
		Day 57	2020-09-02 10:55 (31)	6.5		- 18.8
	Creatinine (umol/L)	Screening	2020-06-19 07:46 (-12)	80		62 - 124
		Day 29	2020-08-03 07:31 (34)	62		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081090	Creatinine (umol/L)	Day 57	2020-09-02 10:55 (31)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-19 07:46 (-12)	<3.4		0 - 6.8
		Day 29	2020-08-03 07:31 (34)	<3.4		0 - 6.8
		Day 57	2020-09-02 10:55 (31)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-19 07:46 (-12)	7.50 (H)		1.78 - 7.14
		Day 29	2020-08-03 07:31 (34)	6.78		1.78 - 7.14
		Day 57	2020-09-02 10:55 (31)	6.78		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-19 07:46 (-12)	23.3		7.8 - 26.7
		Day 29	2020-08-03 07:31 (34)	27.1 (H)		7.8 - 26.7
		Day 57	2020-09-02 10:55 (31)	23.8		7.8 - 26.7
US2081092	Alanine Aminotransferase (U/L)	Screening	2020-06-19 12:00 (-13)	17		10 - 33
		Day 29	2020-07-31 13:20 (30)	19		10 - 33

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081092	Alanine Aminotransferase (U/L)	Day 57	2020-08-28 09:46 (29)	18		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-19 12:00 (-13)	98		30 - 115
		Day 29	2020-07-31 13:20 (30)	89		30 - 115
		Day 57	2020-08-28 09:46 (29)	92		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-19 12:00 (-13)	25		10 - 36
		Day 29	2020-07-31 13:20 (30)	21		10 - 36
		Day 57	2020-08-28 09:46 (29)	21		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-19 12:00 (-13)	8.7		- 18.8
		Day 29	2020-07-31 13:20 (30)	7.5		- 18.8
		Day 57	2020-08-28 09:46 (29)	7.4		- 18.8
	Creatinine (umol/L)	Screening	2020-06-19 12:00 (-13)	53 (L)		62 - 124
		Day 29	2020-07-31 13:20 (30)	53 (L)		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081092	Creatinine (umol/L)	Day 57	2020-08-28 09:46 (29)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-19 12:00 (-13)	<3.4		0 - 6.8
		Day 29	2020-07-31 13:20 (30)	<3.4		0 - 6.8
		Day 57	2020-08-28 09:46 (29)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-19 12:00 (-13)	5.71		1.78 - 7.14
		Day 29	2020-07-31 13:20 (30)	5.71		1.78 - 7.14
		Day 57	2020-08-28 09:46 (29)	5.71		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-19 12:00 (-13)	26.7		7.8 - 26.7
		Day 29	2020-07-31 13:20 (30)	26.7		7.8 - 26.7
		Day 57	2020-08-28 09:46 (29)	26.7		7.8 - 26.7
US2081100	Alanine Aminotransferase (U/L)	Screening	2020-06-22 12:30 (-10)	33		10 - 33
		Day 29	2020-08-03 09:20 (33)	32		10 - 33

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081100	Alanine Aminotransferase (U/L)	Day 57	2020-09-10 11:41 (39)	23		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-22 12:30 (-10)	70		30 - 115
		Day 29	2020-08-03 09:20 (33)	70		30 - 115
		Day 57	2020-09-10 11:41 (39)	61		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-22 12:30 (-10)	34		10 - 36
		Day 29	2020-08-03 09:20 (33)	33		10 - 36
		Day 57	2020-09-10 11:41 (39)	27		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-22 12:30 (-10)	6.2		- 18.8
		Day 29	2020-08-03 09:20 (33)	2.7		- 18.8
		Day 57	2020-09-10 11:41 (39)	5.1		- 18.8
	Creatinine (umol/L)	Screening	2020-06-22 12:30 (-10)	62		62 - 124
		Day 29	2020-08-03 09:20 (33)	62		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081100	Creatinine (umol/L)	Day 57	2020-09-10 11:41 (39)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-22 12:30 (-10)	<3.4		0 - 6.8
		Day 29	2020-08-03 09:20 (33)	<3.4		0 - 6.8
		Day 57	2020-09-10 11:41 (39)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-22 12:30 (-10)	5.71		1.78 - 7.14
		Day 29	2020-08-03 09:20 (33)	7.50 (H)		1.78 - 7.14
		Day 57	2020-09-10 11:41 (39)	4.64		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-22 12:30 (-10)	22.9		7.8 - 26.7
		Day 29	2020-08-03 09:20 (33)	30.0 (H)		7.8 - 26.7
		Day 57	2020-09-10 11:41 (39)	18.6		7.8 - 26.7
US2081110	Alanine Aminotransferase (U/L)	Screening	2020-06-23 15:04 (-10)	13		10 - 33
		Unscheduled	2020-06-26 10:00 (-7)	16		10 - 33

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081110	Alanine Aminotransferase (U/L)	Day 29	2020-07-31 11:20 (29)	21		10 - 33
		Day 57	2020-08-28 14:11 (29)	11		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-23 15:04 (-10)	64		30 - 115
		Unscheduled	2020-06-26 10:00 (-7)	63		30 - 115
		Day 29	2020-07-31 11:20 (29)	67		30 - 115
		Day 57	2020-08-28 14:11 (29)	61		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-23 15:04 (-10)	18		10 - 36
		Unscheduled	2020-06-26 10:00 (-7)	20		10 - 36
		Day 29	2020-07-31 11:20 (29)	22		10 - 36
		Day 57	2020-08-28 14:11 (29)	14		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-23 15:04 (-10)	3.2		- 18.8
		Unscheduled	2020-06-26 10:00 (-7)	6.2		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081110	Bilirubin (umol/L)	Day 29	2020-07-31 11:20 (29)	4.8		- 18.8
		Day 57	2020-08-28 14:11 (29)	5.3		- 18.8
	Creatinine (umol/L)	Screening	2020-06-23 15:04 (-10)	71		62 - 124
		Unscheduled	2020-06-26 10:00 (-7)	71		62 - 124
		Day 29	2020-07-31 11:20 (29)	71		62 - 124
		Day 57	2020-08-28 14:11 (29)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-23 15:04 (-10)	<3.4		0 - 6.8
		Unscheduled	2020-06-26 10:00 (-7)	<3.4		0 - 6.8
		Day 29	2020-07-31 11:20 (29)	<3.4		0 - 6.8
		Day 57	2020-08-28 14:11 (29)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-23 15:04 (-10)	8.21 (H)	G1 Blood Urea Nitrogen Increased	1.78 - 7.14
		Unscheduled	2020-06-26 10:00 (-7)	7.14		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081110	Urea Nitrogen (mmol/L)	Day 29	2020-07-31 11:20 (29)	5.35		1.78 - 7.14
		Day 57	2020-08-28 14:11 (29)	6.43		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-23 15:04 (-10)	28.8 (H)		7.8 - 26.7
		Unscheduled	2020-06-26 10:00 (-7)	25.0		7.8 - 26.7
		Day 29	2020-07-31 11:20 (29)	18.8		7.8 - 26.7
		Day 57	2020-08-28 14:11 (29)	22.5		7.8 - 26.7
US2081112	Alanine Aminotransferase (U/L)	Screening	2020-06-24 07:55 (-9)	10		10 - 33
		Day 29	2020-08-11 09:54 (40)	10		10 - 33
		Day 57	2020-09-14 10:29 (35)	11		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-24 07:55 (-9)	54		30 - 115
		Day 29	2020-08-11 09:54 (40)	56		30 - 115
		Day 57	2020-09-14 10:29 (35)	56		30 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081112	Aspartate Aminotransferase (U/L)	Screening	2020-06-24 07:55 (-9)	17		10 - 36
		Day 29	2020-08-11 09:54 (40)	15		10 - 36
		Day 57	2020-09-14 10:29 (35)	13		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-24 07:55 (-9)	6.3		- 18.8
		Day 29	2020-08-11 09:54 (40)	5.6		- 18.8
		Day 57	2020-09-14 10:29 (35)	5.6		- 18.8
	Creatinine (umol/L)	Screening	2020-06-24 07:55 (-9)	62		62 - 124
		Day 29	2020-08-11 09:54 (40)	53 (L)		62 - 124
		Day 57	2020-09-14 10:29 (35)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-24 07:55 (-9)	<3.4		0 - 6.8
		Day 29	2020-08-11 09:54 (40)	<3.4		0 - 6.8
		Day 57	2020-09-14 10:29 (35)	<3.4		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081112	Urea Nitrogen (mmol/L)	Screening	2020-06-24 07:55 (-9)	5.71		1.78 - 7.14
		Day 29	2020-08-11 09:54 (40)	7.14		1.78 - 7.14
		Day 57	2020-09-14 10:29 (35)	4.64		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-24 07:55 (-9)	22.9		7.8 - 26.7
		Day 29	2020-08-11 09:54 (40)	33.3 (H)		7.8 - 26.7
		Day 57	2020-09-14 10:29 (35)	21.7		7.8 - 26.7
US2081118	Alanine Aminotransferase (U/L)	Screening	2020-06-24 12:12 (-7)	16		10 - 33
		Day 29	2020-07-31 13:10 (31)	20		10 - 33
		Day 57	2020-08-28 11:39 (29)	22		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-24 12:12 (-7)	77		30 - 115
		Day 29	2020-07-31 13:10 (31)	65		30 - 115
		Day 57	2020-08-28 11:39 (29)	71		30 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081118	Aspartate Aminotransferase (U/L)	Screening	2020-06-24 12:12 (-7)	24		10 - 36
		Day 29	2020-07-31 13:10 (31)	20		10 - 36
		Day 57	2020-08-28 11:39 (29)	24		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-24 12:12 (-7)	4.6		- 18.8
		Day 29	2020-07-31 13:10 (31)	2.9		- 18.8
		Day 57	2020-08-28 11:39 (29)	3.4		- 18.8
	Creatinine (umol/L)	Screening	2020-06-24 12:12 (-7)	80		62 - 124
		Day 29	2020-07-31 13:10 (31)	62		62 - 124
		Day 57	2020-08-28 11:39 (29)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-24 12:12 (-7)	<3.4		0 - 6.8
		Day 29	2020-07-31 13:10 (31)	<3.4		0 - 6.8
		Day 57	2020-08-28 11:39 (29)	<3.4		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081118	Urea Nitrogen (mmol/L)	Screening	2020-06-24 12:12 (-7)	4.28		1.78 - 7.14
		Day 29	2020-07-31 13:10 (31)	3.57		1.78 - 7.14
		Day 57	2020-08-28 11:39 (29)	5.71		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-24 12:12 (-7)	13.3		7.8 - 26.7
		Day 29	2020-07-31 13:10 (31)	14.3		7.8 - 26.7
		Day 57	2020-08-28 11:39 (29)	20.0		7.8 - 26.7
US2081123	Alanine Aminotransferase (U/L)	Screening	2020-06-25 09:32 (-5)	20		10 - 40
		Day 29	2020-08-11 11:38 (43)	42 (H)		10 - 40
		Day 57	2020-09-08 12:35 (71)	19		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-25 09:32 (-5)	41 (L)		43 - 115
		Day 29	2020-08-11 11:38 (43)	477 (H)	G3 Alkaline Phosphatase Increased	43 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081123	Alkaline Phosphatase (U/L)	Day 57	2020-09-08 12:35 (71)	88		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-25 09:32 (-5)	21		10 - 43
		Day 29	2020-08-11 11:38 (43)	26		10 - 43
		Day 57	2020-09-08 12:35 (71)	20		10 - 43
	Bilirubin (umol/L)	Screening	2020-06-25 09:32 (-5)	4.8		- 18.8
		Day 29	2020-08-11 11:38 (43)	8.4		- 18.8
		Day 57	2020-09-08 12:35 (71)	8.4		- 18.8
	Creatinine (umol/L)	Screening	2020-06-25 09:32 (-5)	62		62 - 124
		Day 29	2020-08-11 11:38 (43)	71		62 - 124
		Day 57	2020-09-08 12:35 (71)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-25 09:32 (-5)	<3.4		0 - 6.8
		Day 29	2020-08-11 11:38 (43)	3.9		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081123	Direct Bilirubin (umol/L)	Day 57	2020-09-08 12:35 (71)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-25 09:32 (-5)	6.43		1.78 - 7.14
		Day 29	2020-08-11 11:38 (43)	9.28 (H)	G1 Blood Urea Nitrogen Increased	1.78 - 7.14
		Day 57	2020-09-08 12:35 (71)	7.85 (H)		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-25 09:32 (-5)	25.7		7.8 - 26.7
		Day 29	2020-08-11 11:38 (43)	32.5 (H)		7.8 - 26.7
		Day 57	2020-09-08 12:35 (71)	36.7 (H)		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011004	Alanine Aminotransferase (U/L)	Screening	2020-05-26 13:15 (-6)	9 (L)		10 - 33
		Day 29	2020-06-29 09:40 (29)	13		10 - 33
		Day 57	2020-07-27 11:11 (29)	10		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-26 13:15 (-6)	59		30 - 115
		Day 29	2020-06-29 09:40 (29)	57		30 - 115
		Day 57	2020-07-27 11:11 (29)	60		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-26 13:15 (-6)	18		10 - 36
		Day 29	2020-06-29 09:40 (29)	17		10 - 36
		Day 57	2020-07-27 11:11 (29)	19		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-26 13:15 (-6)	5.5		- 18.8
		Day 29	2020-06-29 09:40 (29)	6.2		- 18.8
		Day 57	2020-07-27 11:11 (29)	5.0		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011004	Creatinine (umol/L)	Screening	2020-05-26 13:15 (-6)	53 (L)		62 - 124
		Day 29	2020-06-29 09:40 (29)	44 (L)		62 - 124
		Day 57	2020-07-27 11:11 (29)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-26 13:15 (-6)	<3.4		0 - 6.8
		Day 29	2020-06-29 09:40 (29)	<3.4		0 - 6.8
		Day 57	2020-07-27 11:11 (29)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-26 13:15 (-6)	2.50		1.78 - 7.14
		Day 29	2020-06-29 09:40 (29)	2.86		1.78 - 7.14
		Day 57	2020-07-27 11:11 (29)	3.21		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-26 13:15 (-6)	11.7		7.8 - 26.7
		Day 29	2020-06-29 09:40 (29)	16.0		7.8 - 26.7
		Day 57	2020-07-27 11:11 (29)	15.0		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011009	Alanine Aminotransferase (U/L)	Screening	2020-05-26 15:08 (-6)	18		10 - 33
		Day 29	2020-06-29 15:06 (29)	15		10 - 33
		Day 57	2020-07-27 11:35 (29)	18		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-26 15:08 (-6)	83		30 - 115
		Day 29	2020-06-29 15:06 (29)	78		30 - 115
		Day 57	2020-07-27 11:35 (29)	92		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-26 15:08 (-6)	23		10 - 36
		Day 29	2020-06-29 15:06 (29)	22		10 - 36
		Day 57	2020-07-27 11:35 (29)	25		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-26 15:08 (-6)	2.9		- 18.8
		Day 29	2020-06-29 15:06 (29)	3.1		- 18.8
		Day 57	2020-07-27 11:35 (29)	3.2		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011009	Creatinine (umol/L)	Screening	2020-05-26 15:08 (-6)	62		62 - 124
		Day 29	2020-06-29 15:06 (29)	71		62 - 124
		Day 57	2020-07-27 11:35 (29)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-26 15:08 (-6)	<3.4		0 - 6.8
		Day 29	2020-06-29 15:06 (29)	<3.4		0 - 6.8
		Day 57	2020-07-27 11:35 (29)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-26 15:08 (-6)	4.64		1.78 - 7.14
		Day 29	2020-06-29 15:06 (29)	5.00		1.78 - 7.14
		Day 57	2020-07-27 11:35 (29)	4.64		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-26 15:08 (-6)	18.6		7.8 - 26.7
		Day 29	2020-06-29 15:06 (29)	17.5		7.8 - 26.7
		Day 57	2020-07-27 11:35 (29)	16.2		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011028	Alanine Aminotransferase (U/L)	Screening	2020-05-27 09:34 (-5)	29		10 - 40
		Day 29	2020-06-29 07:55 (29)	25		10 - 40
		Day 57	2020-07-27 07:25 (29)	26		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-05-27 09:34 (-5)	55		43 - 115
		Day 29	2020-06-29 07:55 (29)	58		43 - 115
		Day 57	2020-07-27 07:25 (29)	59		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-27 09:34 (-5)	37		10 - 43
		Day 29	2020-06-29 07:55 (29)	39		10 - 43
		Day 57	2020-07-27 07:25 (29)	34		10 - 43
	Bilirubin (umol/L)	Screening	2020-05-27 09:34 (-5)	7.0		- 18.8
		Day 29	2020-06-29 07:55 (29)	5.5		- 18.8
		Day 57	2020-07-27 07:25 (29)	4.3		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011028	Creatinine (umol/L)	Screening	2020-05-27 09:34 (-5)	71		62 - 124
		Day 29	2020-06-29 07:55 (29)	71		62 - 124
		Day 57	2020-07-27 07:25 (29)	80		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-27 09:34 (-5)	<3.4		0 - 6.8
		Day 29	2020-06-29 07:55 (29)	<3.4		0 - 6.8
		Day 57	2020-07-27 07:25 (29)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-27 09:34 (-5)	6.07		1.78 - 7.14
		Day 29	2020-06-29 07:55 (29)	3.57		1.78 - 7.14
		Day 57	2020-07-27 07:25 (29)	5.00		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-27 09:34 (-5)	21.2		7.8 - 26.7
		Day 29	2020-06-29 07:55 (29)	12.5		7.8 - 26.7
		Day 57	2020-07-27 07:25 (29)	15.6		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011113	Alanine Aminotransferase (U/L)	Screening	2020-06-12 11:19 (-20)	22		10 - 33
		Day 29	2020-07-30 11:46 (29)	29		10 - 33
		Day 57	2020-08-31 09:50 (33)	34 (H)		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-12 11:19 (-20)	82		30 - 115
		Day 29	2020-07-30 11:46 (29)	92		30 - 115
		Day 57	2020-08-31 09:50 (33)	96		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-12 11:19 (-20)	25		10 - 36
		Day 29	2020-07-30 11:46 (29)	23		10 - 36
		Day 57	2020-08-31 09:50 (33)	31		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-12 11:19 (-20)	5.6		- 18.8
		Day 29	2020-07-30 11:46 (29)	5.1		- 18.8
		Day 57	2020-08-31 09:50 (33)	<2.6		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011113	Creatinine (umol/L)	Screening	2020-06-12 11:19 (-20)	53 (L)		62 - 124
		Day 29	2020-07-30 11:46 (29)	53 (L)		62 - 124
		Day 57	2020-08-31 09:50 (33)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-12 11:19 (-20)	<3.4		0 - 6.8
		Day 29	2020-07-30 11:46 (29)	<3.4		0 - 6.8
		Day 57	2020-08-31 09:50 (33)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-12 11:19 (-20)	4.64		1.78 - 7.14
		Day 29	2020-07-30 11:46 (29)	5.35		1.78 - 7.14
		Day 57	2020-08-31 09:50 (33)	4.28		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-12 11:19 (-20)	21.7		7.8 - 26.7
		Day 29	2020-07-30 11:46 (29)	25.0		7.8 - 26.7
		Day 57	2020-08-31 09:50 (33)	20.0		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011118	Alanine Aminotransferase (U/L)	Screening	2020-06-12 16:05 (-14)	13		10 - 33
		Day 29	2020-07-24 07:37 (29)	10		10 - 33
		Day 57	2020-08-21 18:19 (29)	15		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-12 16:05 (-14)	72		30 - 115
		Day 29	2020-07-24 07:37 (29)	66		30 - 115
		Day 57	2020-08-21 18:19 (29)	79		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-12 16:05 (-14)	20		10 - 36
		Day 29	2020-07-24 07:37 (29)	18		10 - 36
		Day 57	2020-08-21 18:19 (29)	21		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-12 16:05 (-14)	6.2		- 18.8
		Day 29	2020-07-24 07:37 (29)	4.8		- 18.8
		Day 57	2020-08-21 18:19 (29)	3.4		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011118	Creatinine (umol/L)	Screening	2020-06-12 16:05 (-14)	71		62 - 124
		Day 29	2020-07-24 07:37 (29)	71		62 - 124
		Day 57	2020-08-21 18:19 (29)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-12 16:05 (-14)	<3.4		0 - 6.8
		Day 29	2020-07-24 07:37 (29)	<3.4		0 - 6.8
		Day 57	2020-08-21 18:19 (29)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-12 16:05 (-14)	5.71		1.78 - 7.14
		Day 29	2020-07-24 07:37 (29)	5.35		1.78 - 7.14
		Day 57	2020-08-21 18:19 (29)	6.07		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-12 16:05 (-14)	20.0		7.8 - 26.7
		Day 29	2020-07-24 07:37 (29)	18.8		7.8 - 26.7
		Day 57	2020-08-21 18:19 (29)	24.3		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011121	Alanine Aminotransferase (U/L)	Screening	2020-06-15 14:13 (-17)	23		10 - 33
		Day 29	2020-07-30 14:12 (29)	25		10 - 33
		Day 57	2020-08-28 10:19 (30)	23		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-15 14:13 (-17)	72		30 - 115
		Day 29	2020-07-30 14:12 (29)	76		30 - 115
		Day 57	2020-08-28 10:19 (30)	75		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-15 14:13 (-17)	22		10 - 36
		Day 29	2020-07-30 14:12 (29)	22		10 - 36
		Day 57	2020-08-28 10:19 (30)	22		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-15 14:13 (-17)	2.7		- 18.8
		Day 29	2020-07-30 14:12 (29)	2.9		- 18.8
		Day 57	2020-08-28 10:19 (30)	5.3		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011121	Creatinine (umol/L)	Screening	2020-06-15 14:13 (-17)	53 (L)		62 - 124
		Day 29	2020-07-30 14:12 (29)	71		62 - 124
		Day 57	2020-08-28 10:19 (30)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-15 14:13 (-17)	<3.4		0 - 6.8
		Day 29	2020-07-30 14:12 (29)	<3.4		0 - 6.8
		Day 57	2020-08-28 10:19 (30)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-15 14:13 (-17)	5.00		1.78 - 7.14
		Day 29	2020-07-30 14:12 (29)	4.64		1.78 - 7.14
		Day 57	2020-08-28 10:19 (30)	4.28		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-15 14:13 (-17)	23.3		7.8 - 26.7
		Day 29	2020-07-30 14:12 (29)	16.2		7.8 - 26.7
		Day 57	2020-08-28 10:19 (30)	17.1		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011122	Alanine Aminotransferase (U/L)	Screening	2020-06-16 15:05 (-10)	17		10 - 33
		Day 29	2020-07-24 07:25 (29)	11		10 - 33
		Day 57	2020-08-21 08:34 (29)	14		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-16 15:05 (-10)	62		30 - 115
		Day 29	2020-07-24 07:25 (29)	66		30 - 115
		Day 57	2020-08-21 08:34 (29)	61		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-16 15:05 (-10)	16		10 - 36
		Day 29	2020-07-24 07:25 (29)	18		10 - 36
		Day 57	2020-08-21 08:34 (29)	17		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-16 15:05 (-10)	<2.6		- 18.8
		Day 29	2020-07-24 07:25 (29)	2.7		- 18.8
		Day 57	2020-08-21 08:34 (29)	<2.6		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011122	Creatinine (umol/L)	Screening	2020-06-16 15:05 (-10)	53 (L)		62 - 124
		Day 29	2020-07-24 07:25 (29)	53 (L)		62 - 124
		Day 57	2020-08-21 08:34 (29)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-16 15:05 (-10)	<3.4		0 - 6.8
		Day 29	2020-07-24 07:25 (29)	<3.4		0 - 6.8
		Day 57	2020-08-21 08:34 (29)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-16 15:05 (-10)	4.28		1.78 - 7.14
		Day 29	2020-07-24 07:25 (29)	1.43 (L)		1.78 - 7.14
		Day 57	2020-08-21 08:34 (29)	3.57		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-16 15:05 (-10)	20.0		7.8 - 26.7
		Day 29	2020-07-24 07:25 (29)	6.7 (L)		7.8 - 26.7
		Day 57	2020-08-21 08:34 (29)	16.7		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011128	Alanine Aminotransferase (U/L)	Screening	2020-06-18 11:51 (-12)	14		10 - 33
		Day 29	2020-07-29 10:20 (30)	11		10 - 33
		Day 57	2020-08-26 11:45 (29)	15		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-18 11:51 (-12)	90		30 - 115
		Day 29	2020-07-29 10:20 (30)	81		30 - 115
		Day 57	2020-08-26 11:45 (29)	88		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-18 11:51 (-12)	16		10 - 36
		Day 29	2020-07-29 10:20 (30)	16		10 - 36
		Day 57	2020-08-26 11:45 (29)	14		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-18 11:51 (-12)	5.5		- 18.8
		Day 29	2020-07-29 10:20 (30)	6.7		- 18.8
		Day 57	2020-08-26 11:45 (29)	7.7		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011128	Creatinine (umol/L)	Screening	2020-06-18 11:51 (-12)	62		62 - 124
		Day 29	2020-07-29 10:20 (30)	62		62 - 124
		Day 57	2020-08-26 11:45 (29)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-18 11:51 (-12)	<3.4		0 - 6.8
		Day 29	2020-07-29 10:20 (30)	<3.4		0 - 6.8
		Day 57	2020-08-26 11:45 (29)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-18 11:51 (-12)	5.00		1.78 - 7.14
		Day 29	2020-07-29 10:20 (30)	6.07		1.78 - 7.14
		Day 57	2020-08-26 11:45 (29)	4.28		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-18 11:51 (-12)	20.0		7.8 - 26.7
		Day 29	2020-07-29 10:20 (30)	24.3		7.8 - 26.7
		Day 57	2020-08-26 11:45 (29)	17.1		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011139	Alanine Aminotransferase (U/L)	Screening	2020-06-22 12:02 (-4)	20		10 - 33
		Day 29	2020-07-24 11:30 (29)	19		10 - 33
		Day 57	2020-08-21 11:46 (29)	45 (H)	G1 Alanine Aminotransferase Increased	10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-22 12:02 (-4)	54		30 - 115
		Day 29	2020-07-24 11:30 (29)	58		30 - 115
		Day 57	2020-08-21 11:46 (29)	56		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-22 12:02 (-4)	20		10 - 36
		Day 29	2020-07-24 11:30 (29)	18		10 - 36
		Day 57	2020-08-21 11:46 (29)	30		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-22 12:02 (-4)	10.8		- 18.8
		Day 29	2020-07-24 11:30 (29)	7.9		- 18.8
		Day 57	2020-08-21 11:46 (29)	9.4		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011139	Creatinine (umol/L)	Screening	2020-06-22 12:02 (-4)	62		62 - 124
		Day 29	2020-07-24 11:30 (29)	62		62 - 124
		Day 57	2020-08-21 11:46 (29)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-22 12:02 (-4)	<3.4		0 - 6.8
		Day 29	2020-07-24 11:30 (29)	<3.4		0 - 6.8
		Day 57	2020-08-21 11:46 (29)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-22 12:02 (-4)	5.71		1.78 - 7.14
		Day 29	2020-07-24 11:30 (29)	5.00		1.78 - 7.14
		Day 57	2020-08-21 11:46 (29)	5.35		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-22 12:02 (-4)	22.9		7.8 - 26.7
		Day 29	2020-07-24 11:30 (29)	20.0		7.8 - 26.7
		Day 57	2020-08-21 11:46 (29)	25.0		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011149	Alanine Aminotransferase (U/L)	Screening	2020-06-25 11:27 (-4)	7 (L)		10 - 33
		Day 29	2020-07-27 13:58 (29)	6 (L)		10 - 33
		Day 57	2020-08-31 07:42 (36)	7 (L)		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-25 11:27 (-4)	78		30 - 115
		Day 29	2020-07-27 13:58 (29)	89		30 - 115
		Day 57	2020-08-31 07:42 (36)	84		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-25 11:27 (-4)	16		10 - 36
		Day 29	2020-07-27 13:58 (29)	16		10 - 36
		Day 57	2020-08-31 07:42 (36)	14		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-25 11:27 (-4)	5.6		- 18.8
		Day 29	2020-07-27 13:58 (29)	3.2		- 18.8
		Day 57	2020-08-31 07:42 (36)	4.3		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011149	Creatinine (umol/L)	Screening	2020-06-25 11:27 (-4)	62		62 - 124
		Day 29	2020-07-27 13:58 (29)	53 (L)		62 - 124
		Day 57	2020-08-31 07:42 (36)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-25 11:27 (-4)	<3.4		0 - 6.8
		Day 29	2020-07-27 13:58 (29)	<3.4		0 - 6.8
		Day 57	2020-08-31 07:42 (36)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-25 11:27 (-4)	5.71		1.78 - 7.14
		Day 29	2020-07-27 13:58 (29)	4.28		1.78 - 7.14
		Day 57	2020-08-31 07:42 (36)	6.07		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-25 11:27 (-4)	22.9		7.8 - 26.7
		Day 29	2020-07-27 13:58 (29)	20.0		7.8 - 26.7
		Day 57	2020-08-31 07:42 (36)	28.3 (H)		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011159	Alanine Aminotransferase (U/L)	Screening	2020-06-30 13:50 (-2)	18		10 - 33
		Day 29	2020-07-30 11:56 (29)	17		10 - 33
		Day 57	2020-08-27 12:20 (29)	16		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-30 13:50 (-2)	34		30 - 115
		Day 29	2020-07-30 11:56 (29)	33		30 - 115
		Day 57	2020-08-27 12:20 (29)	35		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-30 13:50 (-2)	19		10 - 36
		Day 29	2020-07-30 11:56 (29)	19		10 - 36
		Day 57	2020-08-27 12:20 (29)	21		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-30 13:50 (-2)	9.6		- 18.8
		Day 29	2020-07-30 11:56 (29)	9.1		- 18.8
		Day 57	2020-08-27 12:20 (29)	7.5		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011159	Creatinine (umol/L)	Screening	2020-06-30 13:50 (-2)	44 (L)		62 - 124
		Day 29	2020-07-30 11:56 (29)	53 (L)		62 - 124
		Day 57	2020-08-27 12:20 (29)	44 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-30 13:50 (-2)	<3.4		0 - 6.8
		Day 29	2020-07-30 11:56 (29)	<3.4		0 - 6.8
		Day 57	2020-08-27 12:20 (29)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-30 13:50 (-2)	4.4		1.7 - 21.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-30 13:50 (-2)	3.57		1.78 - 7.14
		Day 29	2020-07-30 11:56 (29)	4.64		1.78 - 7.14
		Day 57	2020-08-27 12:20 (29)	5.35		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-30 13:50 (-2)	20.0		7.8 - 26.7
		Day 29	2020-07-30 11:56 (29)	21.7		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011159	Urea Nitrogen/Creatinine	Day 57	2020-08-27 12:20 (29)	30.0 (H)		7.8 - 26.7
US2011162	Alanine Aminotransferase (U/L)	Screening	2020-07-01 16:28 (-5)	25		10 - 33
		Day 29	2020-08-03 16:18 (29)	21		10 - 33
		Day 57	2020-08-31 16:46 (29)	18		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-07-01 16:28 (-5)	72		30 - 115
		Day 29	2020-08-03 16:18 (29)	71		30 - 115
		Day 57	2020-08-31 16:46 (29)	72		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-07-01 16:28 (-5)	38 (H)		10 - 36
		Day 29	2020-08-03 16:18 (29)	20		10 - 36
		Day 57	2020-08-31 16:46 (29)	22		10 - 36
	Bilirubin (umol/L)	Screening	2020-07-01 16:28 (-5)	8.0		- 18.8
		Day 29	2020-08-03 16:18 (29)	4.3		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011162	Bilirubin (umol/L)	Day 57	2020-08-31 16:46 (29)	4.6		- 18.8
	Creatinine (umol/L)	Screening	2020-07-01 16:28 (-5)	44 (L)		62 - 124
		Day 29	2020-08-03 16:18 (29)	35 (L)		62 - 124
		Day 57	2020-08-31 16:46 (29)	35 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-07-01 16:28 (-5)	<3.4		0 - 6.8
		Day 29	2020-08-03 16:18 (29)	<3.4		0 - 6.8
		Day 57	2020-08-31 16:46 (29)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-07-01 16:28 (-5)	4.64		1.78 - 7.14
		Day 29	2020-08-03 16:18 (29)	4.28		1.78 - 7.14
		Day 57	2020-08-31 16:46 (29)	4.28		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-07-01 16:28 (-5)	26.0		7.8 - 26.7
		Day 29	2020-08-03 16:18 (29)	30.0 (H)		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011162	Urea Nitrogen/Creatinine	Day 57	2020-08-31 16:46 (29)	30.0 (H)		7.8 - 26.7
US2021003	Alanine Aminotransferase (U/L)	Screening	2020-05-26 10:10 (-3)	25		10 - 40
		Day 29	2020-06-30 08:37 (33)	21		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-05-26 10:10 (-3)	78		43 - 115
		Day 29	2020-06-30 08:37 (33)	65		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-26 10:10 (-3)	25		10 - 43
		Day 29	2020-06-30 08:37 (33)	27		10 - 43
	Bilirubin (umol/L)	Screening	2020-05-26 10:10 (-3)	16.8		- 18.8
		Day 29	2020-06-30 08:37 (33)	13.2		- 18.8
	Creatinine (umol/L)	Screening	2020-05-26 10:10 (-3)	71		62 - 124
		Day 29	2020-06-30 08:37 (33)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-26 10:10 (-3)	3.9		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021003	Direct Bilirubin (umol/L)	Day 29	2020-06-30 08:37 (33)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-26 10:10 (-3)	4.28		1.78 - 7.14
		Day 29	2020-06-30 08:37 (33)	3.93		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-26 10:10 (-3)	15.0		7.8 - 26.7
		Day 29	2020-06-30 08:37 (33)	13.8		7.8 - 26.7
US2021007	Alanine Aminotransferase (U/L)	Screening	2020-05-26 10:48 (-6)	22		10 - 33
		Day 29	2020-06-29 09:13 (29)	12		10 - 33
		Day 57	2020-07-29 09:54 (31)	15		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-26 10:48 (-6)	62		30 - 115
		Day 29	2020-06-29 09:13 (29)	61		30 - 115
		Day 57	2020-07-29 09:54 (31)	56		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-26 10:48 (-6)	30		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021007	Aspartate Aminotransferase (U/L)	Day 29	2020-06-29 09:13 (29)	20		10 - 36
		Day 57	2020-07-29 09:54 (31)	20		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-26 10:48 (-6)	8.0		- 18.8
		Day 29	2020-06-29 09:13 (29)	5.6		- 18.8
		Day 57	2020-07-29 09:54 (31)	6.0		- 18.8
	Creatinine (umol/L)	Screening	2020-05-26 10:48 (-6)	62		62 - 124
		Day 29	2020-06-29 09:13 (29)	53 (L)		62 - 124
		Day 57	2020-07-29 09:54 (31)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-26 10:48 (-6)	<3.4		0 - 6.8
		Day 29	2020-06-29 09:13 (29)	<3.4		0 - 6.8
		Day 57	2020-07-29 09:54 (31)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-05-26 10:48 (-6)	150.2 (H)		1.7 - 21.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021007	Urea Nitrogen (mmol/L)	Screening	2020-05-26 10:48 (-6)	4.28		1.78 - 7.14
		Day 29	2020-06-29 09:13 (29)	5.35		1.78 - 7.14
		Day 57	2020-07-29 09:54 (31)	4.64		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-26 10:48 (-6)	17.1		7.8 - 26.7
		Day 29	2020-06-29 09:13 (29)	25.0		7.8 - 26.7
		Day 57	2020-07-29 09:54 (31)	18.6		7.8 - 26.7
US2021011	Alanine Aminotransferase (U/L)	Screening	2020-05-26 11:46 (-3)	32		10 - 40
		Day 29	2020-06-26 09:23 (29)	27		10 - 40
		Day 57	2020-07-21 10:58 (26)	25		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-05-26 11:46 (-3)	97		43 - 115
		Day 29	2020-06-26 09:23 (29)	105		43 - 115
		Day 57	2020-07-21 10:58 (26)	89		43 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021011	Aspartate Aminotransferase (U/L)	Screening	2020-05-26 11:46 (-3)	40		10 - 43
		Day 29	2020-06-26 09:23 (29)	36		10 - 43
		Day 57	2020-07-21 10:58 (26)	33		10 - 43
	Bilirubin (umol/L)	Screening	2020-05-26 11:46 (-3)	9.2		- 18.8
		Day 29	2020-06-26 09:23 (29)	7.9		- 18.8
		Day 57	2020-07-21 10:58 (26)	5.1		- 18.8
	Creatinine (umol/L)	Screening	2020-05-26 11:46 (-3)	62		62 - 124
		Day 29	2020-06-26 09:23 (29)	88		62 - 124
		Day 57	2020-07-21 10:58 (26)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-26 11:46 (-3)	3.6		0 - 6.8
		Day 29	2020-06-26 09:23 (29)	<3.4		0 - 6.8
		Day 57	2020-07-21 10:58 (26)	<3.4		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021011	Urea Nitrogen (mmol/L)	Screening	2020-05-26 11:46 (-3)	3.57		1.78 - 7.14
		Day 29	2020-06-26 09:23 (29)	5.71		1.78 - 7.14
		Day 57	2020-07-21 10:58 (26)	5.00		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-26 11:46 (-3)	14.3		7.8 - 26.7
		Day 29	2020-06-26 09:23 (29)	16.0		7.8 - 26.7
		Day 57	2020-07-21 10:58 (26)	17.5		7.8 - 26.7
US2021031	Alanine Aminotransferase (U/L)	Screening	2020-05-26 17:48 (-6)	33		10 - 40
		Day 29	2020-06-29 13:22 (29)	26		10 - 40
		Day 57	2020-07-27 15:28 (29)	30		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-05-26 17:48 (-6)	70		43 - 115
		Day 29	2020-06-29 13:22 (29)	64		43 - 115
		Day 57	2020-07-27 15:28 (29)	65		43 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021031	Aspartate Aminotransferase (U/L)	Screening	2020-05-26 17:48 (-6)	31		10 - 43
		Day 29	2020-06-29 13:22 (29)	29		10 - 43
		Day 57	2020-07-27 15:28 (29)	28		10 - 43
	Bilirubin (umol/L)	Screening	2020-05-26 17:48 (-6)	14.9		- 18.8
		Day 29	2020-06-29 13:22 (29)	16.4		- 18.8
		Day 57	2020-07-27 15:28 (29)	13.3		- 18.8
	Creatinine (umol/L)	Screening	2020-05-26 17:48 (-6)	80		62 - 124
		Day 29	2020-06-29 13:22 (29)	80		62 - 124
		Day 57	2020-07-27 15:28 (29)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-26 17:48 (-6)	3.6		0 - 6.8
		Day 29	2020-06-29 13:22 (29)	4.1		0 - 6.8
		Day 57	2020-07-27 15:28 (29)	3.6		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021031	Urea Nitrogen (mmol/L)	Screening	2020-05-26 17:48 (-6)	4.64		1.78 - 7.14
		Day 29	2020-06-29 13:22 (29)	6.43		1.78 - 7.14
		Day 57	2020-07-27 15:28 (29)	6.07		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-26 17:48 (-6)	14.4		7.8 - 26.7
		Day 29	2020-06-29 13:22 (29)	20.0		7.8 - 26.7
		Day 57	2020-07-27 15:28 (29)	21.2		7.8 - 26.7
US2021114	Alanine Aminotransferase (U/L)	Screening	2020-05-29 09:45 (-28)	26		10 - 40
		Day 29	2020-07-29 09:42 (34)	21		10 - 40
		Day 57	2020-08-25 11:17 (28)	22		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-05-29 09:45 (-28)	75		43 - 115
		Day 29	2020-07-29 09:42 (34)	74		43 - 115
		Day 57	2020-08-25 11:17 (28)	75		43 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021114	Aspartate Aminotransferase (U/L)	Screening	2020-05-29 09:45 (-28)	28		10 - 43
		Day 29	2020-07-29 09:42 (34)	23		10 - 43
		Day 57	2020-08-25 11:17 (28)	18		10 - 43
	Bilirubin (umol/L)	Screening	2020-05-29 09:45 (-28)	9.4		- 18.8
		Day 29	2020-07-29 09:42 (34)	8.0		- 18.8
		Day 57	2020-08-25 11:17 (28)	8.7		- 18.8
	Creatinine (umol/L)	Screening	2020-05-29 09:45 (-28)	71		62 - 124
		Day 29	2020-07-29 09:42 (34)	80		62 - 124
		Day 57	2020-08-25 11:17 (28)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-29 09:45 (-28)	<3.4		0 - 6.8
		Day 29	2020-07-29 09:42 (34)	<3.4		0 - 6.8
		Day 57	2020-08-25 11:17 (28)	<3.4		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021114	Urea Nitrogen (mmol/L)	Screening	2020-05-29 09:45 (-28)	6.07		1.78 - 7.14
		Day 29	2020-07-29 09:42 (34)	4.28		1.78 - 7.14
		Day 57	2020-08-25 11:17 (28)	5.00		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-29 09:45 (-28)	21.2		7.8 - 26.7
		Day 29	2020-07-29 09:42 (34)	13.3		7.8 - 26.7
		Day 57	2020-08-25 11:17 (28)	17.5		7.8 - 26.7
US2021115	Alanine Aminotransferase (U/L)	Screening	2020-05-29 10:35 (-28)	18		10 - 33
		Day 57	2020-08-28 11:01 (29)	15		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-29 10:35 (-28)	33		30 - 115
		Day 57	2020-08-28 11:01 (29)	41		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-29 10:35 (-28)	24		10 - 36
		Day 57	2020-08-28 11:01 (29)	23		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021115	Bilirubin (umol/L)	Screening	2020-05-29 10:35 (-28)	6.0		- 18.8
		Day 57	2020-08-28 11:01 (29)	4.1		- 18.8
	Creatinine (umol/L)	Screening	2020-05-29 10:35 (-28)	62		62 - 124
		Day 57	2020-08-28 11:01 (29)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-29 10:35 (-28)	<3.4		0 - 6.8
		Day 57	2020-08-28 11:01 (29)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-05-29 10:35 (-28)	86.9 (H)		1.7 - 21.5
	Urea Nitrogen (mmol/L)	Screening	2020-05-29 10:35 (-28)	3.93		1.78 - 7.14
		Day 57	2020-08-28 11:01 (29)	3.93		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-29 10:35 (-28)	15.7		7.8 - 26.7
		Day 57	2020-08-28 11:01 (29)	18.3		7.8 - 26.7
US2021186	Alanine Aminotransferase (U/L)	Screening	2020-06-10 14:45 (-16)	16		10 - 33

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021186	Alanine Aminotransferase (U/L)	Day 29	2020-07-27 09:03 (32)	15		10 - 33
		Day 57	2020-08-25 14:46 (30)	13		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-10 14:45 (-16)	61		30 - 115
		Day 29	2020-07-27 09:03 (32)	55		30 - 115
		Day 57	2020-08-25 14:46 (30)	56		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-10 14:45 (-16)	22		10 - 36
		Day 29	2020-07-27 09:03 (32)	17		10 - 36
		Day 57	2020-08-25 14:46 (30)	19		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-10 14:45 (-16)	4.1		- 18.8
		Day 29	2020-07-27 09:03 (32)	4.8		- 18.8
		Day 57	2020-08-25 14:46 (30)	4.4		- 18.8
	Creatinine (umol/L)	Screening	2020-06-10 14:45 (-16)	53 (L)		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021186	Creatinine (umol/L)	Day 29	2020-07-27 09:03 (32)	53 (L)		62 - 124
		Day 57	2020-08-25 14:46 (30)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-10 14:45 (-16)	<3.4		0 - 6.8
		Day 29	2020-07-27 09:03 (32)	<3.4		0 - 6.8
		Day 57	2020-08-25 14:46 (30)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-10 14:45 (-16)	56.1 (H)		1.7 - 21.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-10 14:45 (-16)	6.07		1.78 - 7.14
		Day 29	2020-07-27 09:03 (32)	6.78		1.78 - 7.14
		Day 57	2020-08-25 14:46 (30)	6.07		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-10 14:45 (-16)	28.3 (H)		7.8 - 26.7
		Day 29	2020-07-27 09:03 (32)	31.7 (H)		7.8 - 26.7
		Day 57	2020-08-25 14:46 (30)	28.3 (H)		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021208	Alanine Aminotransferase (U/L)	Screening	2020-06-17 16:49 (-14)	20		10 - 33
		Day 29	2020-07-29 16:02 (29)	18		10 - 33
		Day 57	2020-09-08 08:48 (42)	16		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-17 16:49 (-14)	110		30 - 115
		Day 29	2020-07-29 16:02 (29)	97		30 - 115
		Day 57	2020-09-08 08:48 (42)	109		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-17 16:49 (-14)	26		10 - 36
		Day 29	2020-07-29 16:02 (29)	20		10 - 36
		Day 57	2020-09-08 08:48 (42)	18		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-17 16:49 (-14)	3.8		- 18.8
		Day 29	2020-07-29 16:02 (29)	2.6		- 18.8
		Day 57	2020-09-08 08:48 (42)	4.3		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021208	Creatinine (umol/L)	Screening	2020-06-17 16:49 (-14)	62		62 - 124
		Day 29	2020-07-29 16:02 (29)	53 (L)		62 - 124
		Day 57	2020-09-08 08:48 (42)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-17 16:49 (-14)	<3.4		0 - 6.8
		Day 29	2020-07-29 16:02 (29)	<3.4		0 - 6.8
		Day 57	2020-09-08 08:48 (42)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-17 16:49 (-14)	109.3 (H)		1.7 - 21.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-17 16:49 (-14)	5.00		1.78 - 7.14
		Day 29	2020-07-29 16:02 (29)	5.71		1.78 - 7.14
		Day 57	2020-09-08 08:48 (42)	4.64		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-17 16:49 (-14)	20.0		7.8 - 26.7
		Day 29	2020-07-29 16:02 (29)	26.7		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021208	Urea Nitrogen/Creatinine	Day 57	2020-09-08 08:48 (42)	21.7		7.8 - 26.7
US2021211	Alanine Aminotransferase (U/L)	Screening	2020-06-18 11:00 (-14)	26		10 - 33
		Day 57	2020-08-25 12:27 (26)	38 (H)	G1 Alanine Aminotransferase Increased	10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-18 11:00 (-14)	81		30 - 115
		Day 57	2020-08-25 12:27 (26)	92		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-18 11:00 (-14)	32		10 - 36
		Day 57	2020-08-25 12:27 (26)	33		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-18 11:00 (-14)	13.2		- 18.8
		Day 57	2020-08-25 12:27 (26)	10.8		- 18.8
	Creatinine (umol/L)	Screening	2020-06-18 11:00 (-14)	53 (L)		62 - 124
		Day 57	2020-08-25 12:27 (26)	53 (L)		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021211	Direct Bilirubin (umol/L)	Screening	2020-06-18 11:00 (-14)	3.4		0 - 6.8
		Day 57	2020-08-25 12:27 (26)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-18 11:00 (-14)	41.6 (H)		1.7 - 21.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-18 11:00 (-14)	5.00		1.78 - 7.14
		Day 57	2020-08-25 12:27 (26)	5.35		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-18 11:00 (-14)	23.3		7.8 - 26.7
		Day 57	2020-08-25 12:27 (26)	25.0		7.8 - 26.7
US2021214	Alanine Aminotransferase (U/L)	Screening	2020-06-18 12:40 (-8)	19		10 - 33
		Day 29	2020-07-24 14:51 (29)	12		10 - 33
		Day 57	2020-08-20 15:39 (28)	17		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-18 12:40 (-8)	79		30 - 115
		Day 29	2020-07-24 14:51 (29)	75		30 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021214	Alkaline Phosphatase (U/L)	Day 57	2020-08-20 15:39 (28)	75		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-18 12:40 (-8)	25		10 - 36
		Day 29	2020-07-24 14:51 (29)	25		10 - 36
		Day 57	2020-08-20 15:39 (28)	25		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-18 12:40 (-8)	17.6		- 18.8
		Day 29	2020-07-24 14:51 (29)	15.2		- 18.8
		Day 57	2020-08-20 15:39 (28)	14.2		- 18.8
	Creatinine (umol/L)	Screening	2020-06-18 12:40 (-8)	62		62 - 124
		Day 29	2020-07-24 14:51 (29)	80		62 - 124
		Day 57	2020-08-20 15:39 (28)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-18 12:40 (-8)	3.6		0 - 6.8
		Day 29	2020-07-24 14:51 (29)	<3.4		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021214	Direct Bilirubin (umol/L)	Day 57	2020-08-20 15:39 (28)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-18 12:40 (-8)	62.2 (H)		1.7 - 21.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-18 12:40 (-8)	6.78		1.78 - 7.14
		Day 29	2020-07-24 14:51 (29)	6.78		1.78 - 7.14
		Day 57	2020-08-20 15:39 (28)	6.78		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-18 12:40 (-8)	27.1 (H)		7.8 - 26.7
		Day 29	2020-07-24 14:51 (29)	21.1		7.8 - 26.7
		Day 57	2020-08-20 15:39 (28)	27.1 (H)		7.8 - 26.7
US2021215	Alanine Aminotransferase (U/L)	Screening	2020-06-18 12:30 (-11)	15		10 - 33
		Day 29	2020-08-03 15:36 (36)	14		10 - 33
		Day 57	2020-09-08 15:04 (37)	16		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-18 12:30 (-11)	79		30 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021215	Alkaline Phosphatase (U/L)	Day 29	2020-08-03 15:36 (36)	76		30 - 115
		Day 57	2020-09-08 15:04 (37)	88		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-18 12:30 (-11)	15		10 - 36
		Day 29	2020-08-03 15:36 (36)	12		10 - 36
		Day 57	2020-09-08 15:04 (37)	16		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-18 12:30 (-11)	6.0		- 18.8
		Day 29	2020-08-03 15:36 (36)	7.0		- 18.8
		Day 57	2020-09-08 15:04 (37)	4.4		- 18.8
	Creatinine (umol/L)	Screening	2020-06-18 12:30 (-11)	53 (L)		62 - 124
		Day 29	2020-08-03 15:36 (36)	53 (L)		62 - 124
		Day 57	2020-09-08 15:04 (37)	44 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-18 12:30 (-11)	<3.4		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021215	Direct Bilirubin (umol/L)	Day 29	2020-08-03 15:36 (36)	<3.4		0 - 6.8
		Day 57	2020-09-08 15:04 (37)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-18 12:30 (-11)	103.8 (H)		1.7 - 21.5
		Day 57	2020-09-08 (72)	95.6 (H)		1.7 - 21.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-18 12:30 (-11)	6.43		1.78 - 7.14
		Day 29	2020-08-03 15:36 (36)	5.71		1.78 - 7.14
		Day 57	2020-09-08 15:04 (37)	6.78		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-18 12:30 (-11)	30.0 (H)		7.8 - 26.7
		Day 29	2020-08-03 15:36 (36)	26.7		7.8 - 26.7
		Day 57	2020-09-08 15:04 (37)	38.0 (H)		7.8 - 26.7
US2021218	Alanine Aminotransferase (U/L)	Screening	2020-06-23 10:25 (-7)	18		10 - 33
		Day 57	2020-08-25 17:08 (26)	20		10 - 33

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021218	Alkaline Phosphatase (U/L)	Screening	2020-06-23 10:25 (-7)	81		30 - 115
		Day 57	2020-08-25 17:08 (26)	76		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-23 10:25 (-7)	26		10 - 36
		Day 57	2020-08-25 17:08 (26)	29		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-23 10:25 (-7)	7.2		- 18.8
		Day 57	2020-08-25 17:08 (26)	6.5		- 18.8
	Creatinine (umol/L)	Screening	2020-06-23 10:25 (-7)	44 (L)		62 - 124
		Day 57	2020-08-25 17:08 (26)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-23 10:25 (-7)	<3.4		0 - 6.8
		Day 57	2020-08-25 17:08 (26)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-23 10:25 (-7)	50.5 (H)		1.7 - 21.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-23 10:25 (-7)	4.28		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021218	Urea Nitrogen (mmol/L)	Day 57	2020-08-25 17:08 (26)	9.64 (H)	G2 Blood Urea Nitrogen Increased	1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-23 10:25 (-7)	24.0		7.8 - 26.7
		Day 57	2020-08-25 17:08 (26)	38.6 (H)		7.8 - 26.7
US2021230	Alanine Aminotransferase (U/L)	Screening	2020-07-01 15:58 (-5)	15		10 - 33
		Day 29	2020-08-03 11:23 (29)	17		10 - 33
		Day 57	2020-09-03 11:50 (32)	17		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-07-01 15:58 (-5)	65		30 - 115
		Day 29	2020-08-03 11:23 (29)	65		30 - 115
		Day 57	2020-09-03 11:50 (32)	66		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-07-01 15:58 (-5)	22		10 - 36
		Day 29	2020-08-03 11:23 (29)	27		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021230	Aspartate Aminotransferase (U/L)	Day 57	2020-09-03 11:50 (32)	25		10 - 36
	Bilirubin (umol/L)	Screening	2020-07-01 15:58 (-5)	6.7		- 18.8
		Day 29	2020-08-03 11:23 (29)	8.0		- 18.8
		Day 57	2020-09-03 11:50 (32)	7.4		- 18.8
	Creatinine (umol/L)	Screening	2020-07-01 15:58 (-5)	62		62 - 124
		Day 29	2020-08-03 11:23 (29)	53 (L)		62 - 124
		Day 57	2020-09-03 11:50 (32)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-07-01 15:58 (-5)	<3.4		0 - 6.8
		Day 29	2020-08-03 11:23 (29)	<3.4		0 - 6.8
		Day 57	2020-09-03 11:50 (32)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-07-01 15:58 (-5)	46.3 (H)		1.7 - 21.5
	Urea Nitrogen (mmol/L)	Screening	2020-07-01 15:58 (-5)	7.85 (H)		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021230	Urea Nitrogen (mmol/L)	Day 29	2020-08-03 11:23 (29)	5.71		1.78 - 7.14
		Day 57	2020-09-03 11:50 (32)	6.07		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-07-01 15:58 (-5)	31.4 (H)		7.8 - 26.7
		Day 29	2020-08-03 11:23 (29)	26.7		7.8 - 26.7
		Day 57	2020-09-03 11:50 (32)	28.3 (H)		7.8 - 26.7
US2021232	Alanine Aminotransferase (U/L)	Screening	2020-07-02 13:05 (-4)	15		10 - 33
		Day 29	2020-08-06 10:42 (32)	26		10 - 33
		Day 57	2020-09-10 12:44 (36)	13		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-07-02 13:05 (-4)	89		30 - 115
		Day 29	2020-08-06 10:42 (32)	89		30 - 115
		Day 57	2020-09-10 12:44 (36)	88		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-07-02 13:05 (-4)	21		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021232	Aspartate Aminotransferase (U/L)	Day 29	2020-08-06 10:42 (32)	43 (H)	G1 Aspartate Aminotransferase Increased	10 - 36
		Day 57	2020-09-10 12:44 (36)	17		10 - 36
	Bilirubin (umol/L)	Screening	2020-07-02 13:05 (-4)	5.8		- 18.8
		Day 29	2020-08-06 10:42 (32)	5.8		- 18.8
		Day 57	2020-09-10 12:44 (36)	5.8		- 18.8
	Creatinine (umol/L)	Screening	2020-07-02 13:05 (-4)	71		62 - 124
		Day 29	2020-08-06 10:42 (32)	71		62 - 124
		Day 57	2020-09-10 12:44 (36)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-07-02 13:05 (-4)	<3.4		0 - 6.8
		Day 29	2020-08-06 10:42 (32)	<3.4		0 - 6.8
		Day 57	2020-09-10 12:44 (36)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-07-02 13:05 (-4)	92.0 (H)		1.7 - 21.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021232	Urea Nitrogen (mmol/L)	Screening	2020-07-02 13:05 (-4)	4.28		1.78 - 7.14
		Day 29	2020-08-06 10:42 (32)	6.07		1.78 - 7.14
		Day 57	2020-09-10 12:44 (36)	4.28		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-07-02 13:05 (-4)	15.0		7.8 - 26.7
		Day 29	2020-08-06 10:42 (32)	21.2		7.8 - 26.7
		Day 57	2020-09-10 12:44 (36)	17.1		7.8 - 26.7
US2021234	Alanine Aminotransferase (U/L)	Screening	2020-07-02 15:14 (-5)	26		10 - 33
		Day 29	2020-08-04 10:38 (29)	35 (H)		10 - 33
		Day 57	2020-09-03 10:50 (31)	32		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-07-02 15:14 (-5)	66		30 - 115
		Day 29	2020-08-04 10:38 (29)	53		30 - 115
		Day 57	2020-09-03 10:50 (31)	49		30 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021234	Aspartate Aminotransferase (U/L)	Screening	2020-07-02 15:14 (-5)	19		10 - 36
		Day 29	2020-08-04 10:38 (29)	28		10 - 36
		Day 57	2020-09-03 10:50 (31)	29		10 - 36
	Bilirubin (umol/L)	Screening	2020-07-02 15:14 (-5)	11.6		- 18.8
		Day 29	2020-08-04 10:38 (29)	6.5		- 18.8
		Day 57	2020-09-03 10:50 (31)	6.3		- 18.8
	Creatinine (umol/L)	Screening	2020-07-02 15:14 (-5)	53 (L)		62 - 124
		Day 29	2020-08-04 10:38 (29)	53 (L)		62 - 124
		Day 57	2020-09-03 10:50 (31)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-07-02 15:14 (-5)	<3.4		0 - 6.8
		Day 29	2020-08-04 10:38 (29)	<3.4		0 - 6.8
		Day 57	2020-09-03 10:50 (31)	<3.4		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021234	Follicle Stimulating Hormone (IU/L)	Screening	2020-07-02 15:14 (-5)	85.0 (H)		1.7 - 21.5
	Urea Nitrogen (mmol/L)	Screening	2020-07-02 15:14 (-5)	3.93		1.78 - 7.14
		Day 29	2020-08-04 10:38 (29)	7.14		1.78 - 7.14
		Day 57	2020-09-03 10:50 (31)	6.07		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-07-02 15:14 (-5)	18.3		7.8 - 26.7
		Day 29	2020-08-04 10:38 (29)	33.3 (H)		7.8 - 26.7
		Day 57	2020-09-03 10:50 (31)	24.3		7.8 - 26.7
US2031091	Alanine Aminotransferase (U/L)	Screening	2020-06-08 14:22 (-18)	18		10 - 33
		Unscheduled	2020-06-10 11:41 (-16)	17		10 - 33
		Day 29	2020-07-27 09:53 (32)	25		10 - 33
		Day 57	2020-08-24 09:11 (29)	19		10 - 33

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031091	Alkaline Phosphatase (U/L)	Screening	2020-06-08 14:22 (-18)	127 (H)	G1 Alkaline Phosphatase Increased	30 - 115
		Unscheduled	2020-06-10 11:41 (-16)	112		30 - 115
		Day 29	2020-07-27 09:53 (32)	124 (H)		30 - 115
		Day 57	2020-08-24 09:11 (29)	119 (H)		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-08 14:22 (-18)	21		10 - 36
		Unscheduled	2020-06-10 11:41 (-16)	22		10 - 36
		Day 29	2020-07-27 09:53 (32)	26		10 - 36
		Day 57	2020-08-24 09:11 (29)	21		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-08 14:22 (-18)	19.5 (H)		- 18.8
		Unscheduled	2020-06-10 11:41 (-16)	16.2		- 18.8
		Day 29	2020-07-27 09:53 (32)	14.2		- 18.8
		Day 57	2020-08-24 09:11 (29)	16.4		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031091	Creatinine (umol/L)	Screening	2020-06-08 14:22 (-18)	44 (L)		62 - 124
		Unscheduled	2020-06-10 11:41 (-16)	44 (L)		62 - 124
		Day 29	2020-07-27 09:53 (32)	44 (L)		62 - 124
		Day 57	2020-08-24 09:11 (29)	44 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-08 14:22 (-18)	3.9		0 - 6.8
		Unscheduled	2020-06-10 11:41 (-16)	3.4		0 - 6.8
		Day 29	2020-07-27 09:53 (32)	3.9		0 - 6.8
		Day 57	2020-08-24 09:11 (29)	3.8		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-08 14:22 (-18)	42.9 (H)		1.7 - 21.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-08 14:22 (-18)	6.07		1.78 - 7.14
		Unscheduled	2020-06-10 11:41 (-16)	6.07		1.78 - 7.14
		Day 29	2020-07-27 09:53 (32)	5.35		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031091	Urea Nitrogen (mmol/L)	Day 57	2020-08-24 09:11 (29)	6.07		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-08 14:22 (-18)	34.0 (H)		7.8 - 26.7
		Unscheduled	2020-06-10 11:41 (-16)	34.0 (H)		7.8 - 26.7
		Day 29	2020-07-27 09:53 (32)	30.0 (H)		7.8 - 26.7
		Day 57	2020-08-24 09:11 (29)	34.0 (H)		7.8 - 26.7
US2031093	Alanine Aminotransferase (U/L)	Screening	2020-06-08 16:10 (-23)	23		10 - 33
		Day 29	2020-07-31 10:55 (31)	17		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-08 16:10 (-23)	62		30 - 115
		Day 29	2020-07-31 10:55 (31)	58		30 - 115
		Day 57	2020-09-04 12:28 (36)	64		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-08 16:10 (-23)	28		10 - 36
		Day 29	2020-07-31 10:55 (31)	27		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031093	Bilirubin (umol/L)	Screening	2020-06-08 16:10 (-23)	7.7		- 18.8
		Day 29	2020-07-31 10:55 (31)	5.3		- 18.8
	Creatinine (umol/L)	Screening	2020-06-08 16:10 (-23)	71		62 - 124
		Day 29	2020-07-31 10:55 (31)	71		62 - 124
		Day 57	2020-09-04 12:28 (36)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-08 16:10 (-23)	<3.4		0 - 6.8
		Day 29	2020-07-31 10:55 (31)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-08 16:10 (-23)	99.6 (H)		1.7 - 21.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-08 16:10 (-23)	3.93		1.78 - 7.14
		Day 29	2020-07-31 10:55 (31)	3.21		1.78 - 7.14
		Day 57	2020-09-04 12:28 (36)	4.28		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-08 16:10 (-23)	13.8		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031093	Urea Nitrogen/Creatinine	Day 29	2020-07-31 10:55 (31)	11.2		7.8 - 26.7
		Day 57	2020-09-04 12:28 (36)	15.0		7.8 - 26.7
US2031101	Alanine Aminotransferase (U/L)	Screening	2020-06-09 16:09 (-20)	14		10 - 33
		Day 29	2020-08-03 16:10 (36)	9 (L)		10 - 33
		Day 57	2020-09-01 16:10 (30)	13		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-09 16:09 (-20)	73		30 - 115
		Day 29	2020-08-03 16:10 (36)	80		30 - 115
		Day 57	2020-09-01 16:10 (30)	83		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-09 16:09 (-20)	21		10 - 36
		Day 29	2020-08-03 16:10 (36)	20		10 - 36
		Day 57	2020-09-01 16:10 (30)	18		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-09 16:09 (-20)	5.0		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031101	Bilirubin (umol/L)	Day 29	2020-08-03 16:10 (36)	3.9		- 18.8
		Day 57	2020-09-01 16:10 (30)	3.6		- 18.8
	Creatinine (umol/L)	Screening	2020-06-09 16:09 (-20)	53 (L)		62 - 124
		Day 29	2020-08-03 16:10 (36)	53 (L)		62 - 124
		Day 57	2020-09-01 16:10 (30)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-09 16:09 (-20)	<3.4		0 - 6.8
		Day 29	2020-08-03 16:10 (36)	<3.4		0 - 6.8
		Day 57	2020-09-01 16:10 (30)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-09 16:09 (-20)	63.6 (H)		1.7 - 21.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-09 16:09 (-20)	3.57		1.78 - 7.14
		Day 29	2020-08-03 16:10 (36)	4.64		1.78 - 7.14
		Day 57	2020-09-01 16:10 (30)	3.57		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031101	Urea Nitrogen/Creatinine	Screening	2020-06-09 16:09 (-20)	16.7		7.8 - 26.7
		Day 29	2020-08-03 16:10 (36)	21.7		7.8 - 26.7
		Day 57	2020-09-01 16:10 (30)	16.7		7.8 - 26.7
US2031111	Alanine Aminotransferase (U/L)	Screening	2020-06-10 16:10 (-16)	14		10 - 33
		Day 29	2020-07-27 11:01 (32)	13		10 - 33
		Day 57	2020-08-21 11:22 (26)	14		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-10 16:10 (-16)	95		30 - 115
		Day 29	2020-07-27 11:01 (32)	94		30 - 115
		Day 57	2020-08-21 11:22 (26)	91		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-10 16:10 (-16)	25		10 - 36
		Day 29	2020-07-27 11:01 (32)	19		10 - 36
		Day 57	2020-08-21 11:22 (26)	23		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031111	Bilirubin (umol/L)	Screening	2020-06-10 16:10 (-16)	5.1		- 18.8
		Day 29	2020-07-27 11:01 (32)	3.6		- 18.8
		Day 57	2020-08-21 11:22 (26)	3.9		- 18.8
	Creatinine (umol/L)	Screening	2020-06-10 16:10 (-16)	44 (L)		62 - 124
		Day 29	2020-07-27 11:01 (32)	53 (L)		62 - 124
		Day 57	2020-08-21 11:22 (26)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-10 16:10 (-16)	<3.4		0 - 6.8
		Day 29	2020-07-27 11:01 (32)	<3.4		0 - 6.8
		Day 57	2020-08-21 11:22 (26)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-10 16:10 (-16)	85.6 (H)		1.7 - 21.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-10 16:10 (-16)	3.93		1.78 - 7.14
		Day 29	2020-07-27 11:01 (32)	3.93		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031111	Urea Nitrogen (mmol/L)	Day 57	2020-08-21 11:22 (26)	3.93		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-10 16:10 (-16)	22.0		7.8 - 26.7
		Day 29	2020-07-27 11:01 (32)	18.3		7.8 - 26.7
		Day 57	2020-08-21 11:22 (26)	18.3		7.8 - 26.7
US2031112	Alanine Aminotransferase (U/L)	Screening	2020-06-10 16:07 (-16)	15		10 - 33
		Day 29	2020-07-27 08:56 (32)	12		10 - 33
		Day 57	2020-09-02 18:45 (38)	11		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-10 16:07 (-16)	65		30 - 115
		Day 29	2020-07-27 08:56 (32)	60		30 - 115
		Day 57	2020-09-02 18:45 (38)	62		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-10 16:07 (-16)	21		10 - 36
		Day 29	2020-07-27 08:56 (32)	20		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031112	Aspartate Aminotransferase (U/L)	Day 57	2020-09-02 18:45 (38)	15		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-10 16:07 (-16)	5.6		- 18.8
		Day 29	2020-07-27 08:56 (32)	8.2		- 18.8
		Day 57	2020-09-02 18:45 (38)	6.2		- 18.8
	Creatinine (umol/L)	Screening	2020-06-10 16:07 (-16)	71		62 - 124
		Day 29	2020-07-27 08:56 (32)	62		62 - 124
		Day 57	2020-09-02 18:45 (38)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-10 16:07 (-16)	<3.4		0 - 6.8
		Day 29	2020-07-27 08:56 (32)	<3.4		0 - 6.8
		Day 57	2020-09-02 18:45 (38)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-10 16:07 (-16)	148.1 (H)		1.7 - 21.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-10 16:07 (-16)	4.64		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031112	Urea Nitrogen (mmol/L)	Day 29	2020-07-27 08:56 (32)	3.57		1.78 - 7.14
		Day 57	2020-09-02 18:45 (38)	3.57		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-10 16:07 (-16)	16.2		7.8 - 26.7
		Day 29	2020-07-27 08:56 (32)	14.3		7.8 - 26.7
		Day 57	2020-09-02 18:45 (38)	14.3		7.8 - 26.7
US2031122	Alanine Aminotransferase (U/L)	Screening	2020-06-12 14:53 (-17)	32		10 - 33
		Day 29	2020-07-29 15:13 (31)	34 (H)		10 - 33
		Day 57	2020-08-24 11:26 (27)	31		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-12 14:53 (-17)	74		30 - 115
		Day 29	2020-07-29 15:13 (31)	68		30 - 115
		Day 57	2020-08-24 11:26 (27)	72		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-12 14:53 (-17)	22		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031122	Aspartate Aminotransferase (U/L)	Day 29	2020-07-29 15:13 (31)	21		10 - 36
		Day 57	2020-08-24 11:26 (27)	21		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-12 14:53 (-17)	4.1		- 18.8
		Day 29	2020-07-29 15:13 (31)	2.9		- 18.8
		Day 57	2020-08-24 11:26 (27)	3.2		- 18.8
	Creatinine (umol/L)	Screening	2020-06-12 14:53 (-17)	97		62 - 124
		Day 29	2020-07-29 15:13 (31)	44 (L)		62 - 124
		Day 57	2020-08-24 11:26 (27)	44 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-12 14:53 (-17)	<3.4		0 - 6.8
		Day 29	2020-07-29 15:13 (31)	<3.4		0 - 6.8
		Day 57	2020-08-24 11:26 (27)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-12 14:53 (-17)	49.0 (H)		1.7 - 21.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031122	Urea Nitrogen (mmol/L)	Screening	2020-06-12 14:53 (-17)	5.71		1.78 - 7.14
		Day 29	2020-07-29 15:13 (31)	5.71		1.78 - 7.14
		Day 57	2020-08-24 11:26 (27)	4.28		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-12 14:53 (-17)	14.5		7.8 - 26.7
		Day 29	2020-07-29 15:13 (31)	32.0 (H)		7.8 - 26.7
		Day 57	2020-08-24 11:26 (27)	24.0		7.8 - 26.7
US2041096	Alanine Aminotransferase (U/L)	Screening	2020-06-09 11:18 (-20)	22		10 - 40
		Day 29	2020-07-28 07:45 (30)	23		10 - 40
		Day 57	2020-08-24 07:16 (28)	26		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-09 11:18 (-20)	67		43 - 115
		Day 29	2020-07-28 07:45 (30)	64		43 - 115
		Day 57	2020-08-24 07:16 (28)	65		43 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041096	Aspartate Aminotransferase (U/L)	Screening	2020-06-09 11:18 (-20)	20		10 - 43
		Day 29	2020-07-28 07:45 (30)	20		10 - 43
		Day 57	2020-08-24 07:16 (28)	16		10 - 43
	Bilirubin (umol/L)	Screening	2020-06-09 11:18 (-20)	9.2		- 18.8
		Day 29	2020-07-28 07:45 (30)	6.2		- 18.8
		Day 57	2020-08-24 07:16 (28)	<2.6		- 18.8
	Creatinine (umol/L)	Screening	2020-06-09 11:18 (-20)	88		62 - 124
		Day 29	2020-07-28 07:45 (30)	88		62 - 124
		Day 57	2020-08-24 07:16 (28)	88		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-09 11:18 (-20)	<3.4		0 - 6.8
		Day 29	2020-07-28 07:45 (30)	<3.4		0 - 6.8
		Day 57	2020-08-24 07:16 (28)	<3.4		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041096	Urea Nitrogen (mmol/L)	Screening	2020-06-09 11:18 (-20)	7.50 (H)		1.78 - 7.14
		Day 29	2020-07-28 07:45 (30)	8.21 (H)	G1 Blood Urea Nitrogen Increased	1.78 - 7.14
		Day 57	2020-08-24 07:16 (28)	11.07 (H)	G2 Blood Urea Nitrogen Increased	1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-09 11:18 (-20)	21.0		7.8 - 26.7
		Day 29	2020-07-28 07:45 (30)	23.0		7.8 - 26.7
		Day 57	2020-08-24 07:16 (28)	31.0 (H)		7.8 - 26.7
US2041107	Alanine Aminotransferase (U/L)	Screening	2020-06-11 09:49 (-15)	11		10 - 40
		Day 29	2020-07-27 10:39 (32)	14		10 - 40
		Day 57	2020-08-24 08:52 (29)	17		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-11 09:49 (-15)	58		43 - 115
		Day 29	2020-07-27 10:39 (32)	56		43 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041107	Alkaline Phosphatase (U/L)	Day 57	2020-08-24 08:52 (29)	56		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-11 09:49 (-15)	15		10 - 43
		Day 29	2020-07-27 10:39 (32)	17		10 - 43
		Day 57	2020-08-24 08:52 (29)	14		10 - 43
	Bilirubin (umol/L)	Screening	2020-06-11 09:49 (-15)	7.4		- 18.8
		Day 29	2020-07-27 10:39 (32)	5.5		- 18.8
		Day 57	2020-08-24 08:52 (29)	2.9		- 18.8
	Creatinine (umol/L)	Screening	2020-06-11 09:49 (-15)	88		62 - 124
		Day 29	2020-07-27 10:39 (32)	88		62 - 124
		Day 57	2020-08-24 08:52 (29)	80		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-11 09:49 (-15)	<3.4		0 - 6.8
		Day 29	2020-07-27 10:39 (32)	<3.4		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041107	Direct Bilirubin (umol/L)	Day 57	2020-08-24 08:52 (29)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-11 09:49 (-15)	6.78		1.78 - 7.14
		Day 29	2020-07-27 10:39 (32)	5.00		1.78 - 7.14
		Day 57	2020-08-24 08:52 (29)	6.78		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-11 09:49 (-15)	19.0		7.8 - 26.7
		Day 29	2020-07-27 10:39 (32)	14.0		7.8 - 26.7
		Day 57	2020-08-24 08:52 (29)	21.1		7.8 - 26.7
US2041108	Alanine Aminotransferase (U/L)	Screening	2020-06-11 09:36 (-15)	26		10 - 33
		Day 57	2020-08-24 10:17 (29)	25		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-11 09:36 (-15)	80		30 - 115
		Day 57	2020-08-24 10:17 (29)	74		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-11 09:36 (-15)	28		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041108	Aspartate Aminotransferase (U/L)	Day 57	2020-08-24 10:17 (29)	23		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-11 09:36 (-15)	8.9		- 18.8
		Day 57	2020-08-24 10:17 (29)	<2.6		- 18.8
	Creatinine (umol/L)	Screening	2020-06-11 09:36 (-15)	44 (L)		62 - 124
		Day 57	2020-08-24 10:17 (29)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-11 09:36 (-15)	<3.4		0 - 6.8
		Day 57	2020-08-24 10:17 (29)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-11 09:36 (-15)	64.1 (H)		1.7 - 21.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-11 09:36 (-15)	4.64		1.78 - 7.14
		Day 57	2020-08-24 10:17 (29)	5.35		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-11 09:36 (-15)	26.0		7.8 - 26.7
		Day 57	2020-08-24 10:17 (29)	25.0		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041112	Alanine Aminotransferase (U/L)	Screening	2020-06-11 11:56 (-15)	26		10 - 40
		Day 29	2020-07-28 15:25 (33)	16		10 - 40
		Day 57	2020-09-01 15:30 (36)	22		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-11 11:56 (-15)	61		43 - 115
		Day 29	2020-07-28 15:25 (33)	53		43 - 115
		Day 57	2020-09-01 15:30 (36)	57		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-11 11:56 (-15)	25		10 - 43
		Day 29	2020-07-28 15:25 (33)	21		10 - 43
		Day 57	2020-09-01 15:30 (36)	21		10 - 43
	Bilirubin (umol/L)	Screening	2020-06-11 11:56 (-15)	11.1		- 18.8
		Day 29	2020-07-28 15:25 (33)	9.1		- 18.8
		Day 57	2020-09-01 15:30 (36)	8.9		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041112	Creatinine (umol/L)	Screening	2020-06-11 11:56 (-15)	53 (L)		62 - 124
		Day 29	2020-07-28 15:25 (33)	53 (L)		62 - 124
		Day 57	2020-09-01 15:30 (36)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-11 11:56 (-15)	<3.4		0 - 6.8
		Day 29	2020-07-28 15:25 (33)	<3.4		0 - 6.8
		Day 57	2020-09-01 15:30 (36)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-11 11:56 (-15)	5.35		1.78 - 7.14
		Day 29	2020-07-28 15:25 (33)	5.00		1.78 - 7.14
		Day 57	2020-09-01 15:30 (36)	6.07		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-11 11:56 (-15)	25.0		7.8 - 26.7
		Day 29	2020-07-28 15:25 (33)	23.3		7.8 - 26.7
		Day 57	2020-09-01 15:30 (36)	24.3		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041117	Alanine Aminotransferase (U/L)	Screening	2020-06-11 14:55 (-15)	14		10 - 33
		Day 29	2020-07-28 15:52 (33)	12		10 - 33
		Day 57	2020-08-25 17:30 (29)	12		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-11 14:55 (-15)	84		30 - 115
		Day 29	2020-07-28 15:52 (33)	95		30 - 115
		Day 57	2020-08-25 17:30 (29)	103		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-11 14:55 (-15)	17		10 - 36
		Day 29	2020-07-28 15:52 (33)	19		10 - 36
		Day 57	2020-08-25 17:30 (29)	13		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-11 14:55 (-15)	8.9		- 18.8
		Day 29	2020-07-28 15:52 (33)	7.0		- 18.8
		Day 57	2020-08-25 17:30 (29)	4.3		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041117	Creatinine (umol/L)	Screening	2020-06-11 14:55 (-15)	71		62 - 124
		Day 29	2020-07-28 15:52 (33)	62		62 - 124
		Day 57	2020-08-25 17:30 (29)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-11 14:55 (-15)	<3.4		0 - 6.8
		Day 29	2020-07-28 15:52 (33)	<3.4		0 - 6.8
		Day 57	2020-08-25 17:30 (29)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-11 14:55 (-15)	38.7 (H)		1.7 - 21.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-11 14:55 (-15)	7.85 (H)		1.78 - 7.14
		Day 29	2020-07-28 15:52 (33)	7.50 (H)		1.78 - 7.14
		Day 57	2020-08-25 17:30 (29)	5.71		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-11 14:55 (-15)	27.5 (H)		7.8 - 26.7
		Day 29	2020-07-28 15:52 (33)	30.0 (H)		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041117	Urea Nitrogen/Creatinine	Day 57	2020-08-25 17:30 (29)	20.0		7.8 - 26.7
US2041120	Alanine Aminotransferase (U/L)	Screening	2020-06-11 16:40 (-19)	16		10 - 33
		Day 29	2020-07-28 09:09 (29)	16		10 - 33
		Day 57	2020-08-24 08:16 (28)	15		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-11 16:40 (-19)	108		30 - 115
		Day 29	2020-07-28 09:09 (29)	124 (H)		30 - 115
		Day 57	2020-08-24 08:16 (28)	110		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-11 16:40 (-19)	26		10 - 36
		Day 29	2020-07-28 09:09 (29)	25		10 - 36
		Day 57	2020-08-24 08:16 (28)	22		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-11 16:40 (-19)	12.7		- 18.8
		Day 29	2020-07-28 09:09 (29)	9.9		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041120	Bilirubin (umol/L)	Day 57	2020-08-24 08:16 (28)	3.6		- 18.8
	Creatinine (umol/L)	Screening	2020-06-11 16:40 (-19)	44 (L)		62 - 124
		Day 29	2020-07-28 09:09 (29)	53 (L)		62 - 124
		Day 57	2020-08-24 08:16 (28)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-11 16:40 (-19)	<3.4		0 - 6.8
		Day 29	2020-07-28 09:09 (29)	<3.4		0 - 6.8
		Day 57	2020-08-24 08:16 (28)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-11 16:40 (-19)	61.3 (H)		1.7 - 21.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-11 16:40 (-19)	5.71		1.78 - 7.14
		Day 29	2020-07-28 09:09 (29)	5.35		1.78 - 7.14
		Day 57	2020-08-24 08:16 (28)	6.43		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-11 16:40 (-19)	32.0 (H)		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041120	Urea Nitrogen/Creatinine	Day 29	2020-07-28 09:09 (29)	25.0		7.8 - 26.7
		Day 57	2020-08-24 08:16 (28)	30.0 (H)		7.8 - 26.7
US2041122	Alanine Aminotransferase (U/L)	Screening	2020-06-12 09:05 (-17)	15		10 - 33
		Day 29	2020-07-27 13:33 (29)	15		10 - 33
		Day 57	2020-08-24 09:42 (29)	14		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-12 09:05 (-17)	73		30 - 115
		Day 29	2020-07-27 13:33 (29)	79		30 - 115
		Day 57	2020-08-24 09:42 (29)	91		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-12 09:05 (-17)	27		10 - 36
		Day 29	2020-07-27 13:33 (29)	24		10 - 36
		Day 57	2020-08-24 09:42 (29)	29		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-12 09:05 (-17)	5.8		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041122	Bilirubin (umol/L)	Day 29	2020-07-27 13:33 (29)	4.8		- 18.8
		Day 57	2020-08-24 09:42 (29)	3.6		- 18.8
	Creatinine (umol/L)	Screening	2020-06-12 09:05 (-17)	53 (L)		62 - 124
		Day 29	2020-07-27 13:33 (29)	62		62 - 124
		Day 57	2020-08-24 09:42 (29)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-12 09:05 (-17)	<3.4		0 - 6.8
		Day 29	2020-07-27 13:33 (29)	<3.4		0 - 6.8
		Day 57	2020-08-24 09:42 (29)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-12 09:05 (-17)	6.07		1.78 - 7.14
		Day 29	2020-07-27 13:33 (29)	6.07		1.78 - 7.14
		Day 57	2020-08-24 09:42 (29)	6.07		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-12 09:05 (-17)	28.3 (H)		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041122	Urea Nitrogen/Creatinine	Day 29	2020-07-27 13:33 (29)	24.3		7.8 - 26.7
		Day 57	2020-08-24 09:42 (29)	24.3		7.8 - 26.7
US2041123	Alanine Aminotransferase (U/L)	Screening	2020-06-12 09:18 (-14)	23		10 - 33
		Day 29	2020-07-24 09:05 (29)	21		10 - 33
		Day 57	2020-08-21 08:20 (29)	19		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-12 09:18 (-14)	57		30 - 115
		Day 29	2020-07-24 09:05 (29)	57		30 - 115
		Day 57	2020-08-21 08:20 (29)	65		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-12 09:18 (-14)	27		10 - 36
		Day 29	2020-07-24 09:05 (29)	24		10 - 36
		Day 57	2020-08-21 08:20 (29)	28		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-12 09:18 (-14)	5.6		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041123	Bilirubin (umol/L)	Day 29	2020-07-24 09:05 (29)	6.3		- 18.8
		Day 57	2020-08-21 08:20 (29)	4.4		- 18.8
	Creatinine (umol/L)	Screening	2020-06-12 09:18 (-14)	53 (L)		62 - 124
		Day 29	2020-07-24 09:05 (29)	53 (L)		62 - 124
		Day 57	2020-08-21 08:20 (29)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-12 09:18 (-14)	<3.4		0 - 6.8
		Day 29	2020-07-24 09:05 (29)	<3.4		0 - 6.8
		Day 57	2020-08-21 08:20 (29)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-12 09:18 (-14)	93.3 (H)		1.7 - 21.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-12 09:18 (-14)	5.00		1.78 - 7.14
		Day 29	2020-07-24 09:05 (29)	6.78		1.78 - 7.14
		Day 57	2020-08-21 08:20 (29)	7.50 (H)		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041123	Urea Nitrogen/Creatinine	Screening	2020-06-12 09:18 (-14)	23.3		7.8 - 26.7
		Day 29	2020-07-24 09:05 (29)	31.7 (H)		7.8 - 26.7
		Day 57	2020-08-21 08:20 (29)	30.0 (H)		7.8 - 26.7
US2041125	Alanine Aminotransferase (U/L)	Screening	2020-06-12 11:30 (-17)	14		10 - 33
		Day 29	2020-07-28 15:56 (30)	18		10 - 33
		Day 57	2020-08-25 15:52 (29)	20		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-12 11:30 (-17)	55		30 - 115
		Day 29	2020-07-28 15:56 (30)	54		30 - 115
		Day 57	2020-08-25 15:52 (29)	50		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-12 11:30 (-17)	17		10 - 36
		Day 29	2020-07-28 15:56 (30)	21		10 - 36
		Day 57	2020-08-25 15:52 (29)	21		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041125	Bilirubin (umol/L)	Screening	2020-06-12 11:30 (-17)	5.5		- 18.8
		Day 29	2020-07-28 15:56 (30)	3.9		- 18.8
		Day 57	2020-08-25 15:52 (29)	4.6		- 18.8
	Creatinine (umol/L)	Screening	2020-06-12 11:30 (-17)	71		62 - 124
		Day 29	2020-07-28 15:56 (30)	62		62 - 124
		Day 57	2020-08-25 15:52 (29)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-12 11:30 (-17)	<3.4		0 - 6.8
		Day 29	2020-07-28 15:56 (30)	<3.4		0 - 6.8
		Day 57	2020-08-25 15:52 (29)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-12 11:30 (-17)	111.3 (H)		1.7 - 21.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-12 11:30 (-17)	5.71		1.78 - 7.14
		Day 29	2020-07-28 15:56 (30)	6.07		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041125	Urea Nitrogen (mmol/L)	Day 57	2020-08-25 15:52 (29)	5.35		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-12 11:30 (-17)	20.0		7.8 - 26.7
		Day 29	2020-07-28 15:56 (30)	24.3		7.8 - 26.7
		Day 57	2020-08-25 15:52 (29)	21.4		7.8 - 26.7
US2041126	Alanine Aminotransferase (U/L)	Screening	2020-06-12 12:00 (-14)	17		10 - 33
		Day 29	2020-07-28 10:30 (33)	15		10 - 33
		Day 57	2020-08-28 09:45 (32)	17		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-12 12:00 (-14)	96		30 - 115
		Day 29	2020-07-28 10:30 (33)	91		30 - 115
		Day 57	2020-08-28 09:45 (32)	84		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-12 12:00 (-14)	21		10 - 36
		Day 29	2020-07-28 10:30 (33)	23		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041126	Aspartate Aminotransferase (U/L)	Day 57	2020-08-28 09:45 (32)	17		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-12 12:00 (-14)	3.8		- 18.8
		Day 29	2020-07-28 10:30 (33)	6.3		- 18.8
		Day 57	2020-08-28 09:45 (32)	4.3		- 18.8
	Creatinine (umol/L)	Screening	2020-06-12 12:00 (-14)	53 (L)		62 - 124
		Day 29	2020-07-28 10:30 (33)	53 (L)		62 - 124
		Day 57	2020-08-28 09:45 (32)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-12 12:00 (-14)	<3.4		0 - 6.8
		Day 29	2020-07-28 10:30 (33)	<3.4		0 - 6.8
		Day 57	2020-08-28 09:45 (32)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-12 12:00 (-14)	107.8 (H)		1.7 - 21.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-12 12:00 (-14)	3.57		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041126	Urea Nitrogen (mmol/L)	Day 29	2020-07-28 10:30 (33)	4.28		1.78 - 7.14
		Day 57	2020-08-28 09:45 (32)	5.00		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-12 12:00 (-14)	16.7		7.8 - 26.7
		Day 29	2020-07-28 10:30 (33)	20.0		7.8 - 26.7
		Day 57	2020-08-28 09:45 (32)	23.3		7.8 - 26.7
US2041131	Alanine Aminotransferase (U/L)	Screening	2020-06-15 10:24 (-14)	14		10 - 40
		Day 29	2020-08-10 09:25 (43)	16		10 - 40
		Day 57	2020-09-15 15:20 (37)	14		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-15 10:24 (-14)	52		43 - 115
		Day 29	2020-08-10 09:25 (43)	50		43 - 115
		Day 57	2020-09-15 15:20 (37)	51		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-15 10:24 (-14)	16		10 - 43

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041131	Aspartate Aminotransferase (U/L)	Day 29	2020-08-10 09:25 (43)	13		10 - 43
		Day 57	2020-09-15 15:20 (37)	16		10 - 43
	Bilirubin (umol/L)	Screening	2020-06-15 10:24 (-14)	8.0		- 18.8
		Day 29	2020-08-10 09:25 (43)	6.7		- 18.8
		Day 57	2020-09-15 15:20 (37)	6.2		- 18.8
	Creatinine (umol/L)	Screening	2020-06-15 10:24 (-14)	80		62 - 124
		Day 29	2020-08-10 09:25 (43)	62		62 - 124
		Day 57	2020-09-15 15:20 (37)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-15 10:24 (-14)	<3.4		0 - 6.8
		Day 29	2020-08-10 09:25 (43)	<3.4		0 - 6.8
		Day 57	2020-09-15 15:20 (37)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-15 10:24 (-14)	5.71		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041131	Urea Nitrogen (mmol/L)	Day 29	2020-08-10 09:25 (43)	7.50 (H)		1.78 - 7.14
		Day 57	2020-09-15 15:20 (37)	6.43		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-15 10:24 (-14)	17.8		7.8 - 26.7
		Day 29	2020-08-10 09:25 (43)	30.0 (H)		7.8 - 26.7
		Day 57	2020-09-15 15:20 (37)	22.5		7.8 - 26.7
US2041136	Alanine Aminotransferase (U/L)	Screening	2020-06-15 16:10 (-16)	16		10 - 40
		Day 29	2020-08-03 14:57 (34)	18		10 - 40
		Day 57	2020-09-01 13:23 (30)	18		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-15 16:10 (-16)	74		43 - 115
		Day 29	2020-08-03 14:57 (34)	72		43 - 115
		Day 57	2020-09-01 13:23 (30)	68		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-15 16:10 (-16)	18		10 - 43

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041136	Aspartate Aminotransferase (U/L)	Day 29	2020-08-03 14:57 (34)	19		10 - 43
		Day 57	2020-09-01 13:23 (30)	19		10 - 43
	Bilirubin (umol/L)	Screening	2020-06-15 16:10 (-16)	9.1		- 18.8
		Day 29	2020-08-03 14:57 (34)	8.7		- 18.8
		Day 57	2020-09-01 13:23 (30)	9.7		- 18.8
	Creatinine (umol/L)	Screening	2020-06-15 16:10 (-16)	62		62 - 124
		Day 29	2020-08-03 14:57 (34)	62		62 - 124
		Day 57	2020-09-01 13:23 (30)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-15 16:10 (-16)	<3.4		0 - 6.8
		Day 29	2020-08-03 14:57 (34)	<3.4		0 - 6.8
		Day 57	2020-09-01 13:23 (30)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-15 16:10 (-16)	5.00		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041136	Urea Nitrogen (mmol/L)	Day 29	2020-08-03 14:57 (34)	5.00		1.78 - 7.14
		Day 57	2020-09-01 13:23 (30)	5.00		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-15 16:10 (-16)	20.0		7.8 - 26.7
		Day 29	2020-08-03 14:57 (34)	20.0		7.8 - 26.7
		Day 57	2020-09-01 13:23 (30)	20.0		7.8 - 26.7
US2041138	Alanine Aminotransferase (U/L)	Screening	2020-06-16 09:11 (-10)	32		10 - 40
		Day 29	2020-07-24 10:10 (29)	27		10 - 40
		Day 57	2020-08-18 10:24 (26)	29		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-16 09:11 (-10)	62		43 - 115
		Day 29	2020-07-24 10:10 (29)	60		43 - 115
		Day 57	2020-08-18 10:24 (26)	62		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-16 09:11 (-10)	26		10 - 43

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041138	Aspartate Aminotransferase (U/L)	Day 29	2020-07-24 10:10 (29)	21		10 - 43
		Day 57	2020-08-18 10:24 (26)	21		10 - 43
	Bilirubin (umol/L)	Screening	2020-06-16 09:11 (-10)	12.8		- 18.8
		Day 29	2020-07-24 10:10 (29)	13.3		- 18.8
		Day 57	2020-08-18 10:24 (26)	10.3		- 18.8
	Creatinine (umol/L)	Screening	2020-06-16 09:11 (-10)	71		62 - 124
		Day 29	2020-07-24 10:10 (29)	71		62 - 124
		Day 57	2020-08-18 10:24 (26)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-16 09:11 (-10)	<3.4		0 - 6.8
		Day 29	2020-07-24 10:10 (29)	3.6		0 - 6.8
		Day 57	2020-08-18 10:24 (26)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-16 09:11 (-10)	5.71		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041138	Urea Nitrogen (mmol/L)	Day 29	2020-07-24 10:10 (29)	3.93		1.78 - 7.14
		Day 57	2020-08-18 10:24 (26)	4.64		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-16 09:11 (-10)	20.0		7.8 - 26.7
		Day 29	2020-07-24 10:10 (29)	13.8		7.8 - 26.7
		Day 57	2020-08-18 10:24 (26)	16.2		7.8 - 26.7
US2041144	Alanine Aminotransferase (U/L)	Screening	2020-06-16 15:23 (-10)	24		10 - 33
		Day 29	2020-07-28 11:36 (33)	19		10 - 33
		Day 57	2020-08-25 14:12 (29)	23		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-16 15:23 (-10)	63		30 - 115
		Day 29	2020-07-28 11:36 (33)	61		30 - 115
		Day 57	2020-08-25 14:12 (29)	62		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-16 15:23 (-10)	23		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041144	Aspartate Aminotransferase (U/L)	Day 29	2020-07-28 11:36 (33)	21		10 - 36
		Day 57	2020-08-25 14:12 (29)	22		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-16 15:23 (-10)	7.4		- 18.8
		Day 29	2020-07-28 11:36 (33)	9.2		- 18.8
		Day 57	2020-08-25 14:12 (29)	8.4		- 18.8
	Creatinine (umol/L)	Screening	2020-06-16 15:23 (-10)	71		62 - 124
		Day 29	2020-07-28 11:36 (33)	71		62 - 124
		Day 57	2020-08-25 14:12 (29)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-16 15:23 (-10)	<3.4		0 - 6.8
		Day 29	2020-07-28 11:36 (33)	<3.4		0 - 6.8
		Day 57	2020-08-25 14:12 (29)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-16 15:23 (-10)	61.5 (H)		1.7 - 21.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041144	Urea Nitrogen (mmol/L)	Screening	2020-06-16 15:23 (-10)	6.43		1.78 - 7.14
		Day 29	2020-07-28 11:36 (33)	8.57 (H)	G1 Blood Urea Nitrogen Increased	1.78 - 7.14
		Day 57	2020-08-25 14:12 (29)	6.78		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-16 15:23 (-10)	22.5		7.8 - 26.7
		Day 29	2020-07-28 11:36 (33)	30.0 (H)		7.8 - 26.7
		Day 57	2020-08-25 14:12 (29)	23.8		7.8 - 26.7
US2041149	Alanine Aminotransferase (U/L)	Screening	2020-06-18 10:25 (-18)	15		10 - 33
		Day 29	2020-08-03 12:02 (29)	12		10 - 33
		Day 57	2020-09-02 15:57 (31)	10		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-18 10:25 (-18)	93		30 - 115
		Day 29	2020-08-03 12:02 (29)	76		30 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041149	Alkaline Phosphatase (U/L)	Day 57	2020-09-02 15:57 (31)	77		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-18 10:25 (-18)	27		10 - 36
		Day 29	2020-08-03 12:02 (29)	18		10 - 36
		Day 57	2020-09-02 15:57 (31)	19		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-18 10:25 (-18)	3.8		- 18.8
		Day 29	2020-08-03 12:02 (29)	2.7		- 18.8
		Day 57	2020-09-02 15:57 (31)	5.0		- 18.8
	Creatinine (umol/L)	Screening	2020-06-18 10:25 (-18)	53 (L)		62 - 124
		Day 29	2020-08-03 12:02 (29)	53 (L)		62 - 124
		Day 57	2020-09-02 15:57 (31)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-18 10:25 (-18)	<3.4		0 - 6.8
		Day 29	2020-08-03 12:02 (29)	<3.4		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041149	Direct Bilirubin (umol/L)	Day 57	2020-09-02 15:57 (31)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-18 10:25 (-18)	86.5 (H)		1.7 - 21.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-18 10:25 (-18)	3.57		1.78 - 7.14
		Day 29	2020-08-03 12:02 (29)	5.71		1.78 - 7.14
		Day 57	2020-09-02 15:57 (31)	4.64		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-18 10:25 (-18)	16.7		7.8 - 26.7
		Day 29	2020-08-03 12:02 (29)	26.7		7.8 - 26.7
		Day 57	2020-09-02 15:57 (31)	21.7		7.8 - 26.7
US2051054	Alanine Aminotransferase (U/L)	Screening	2020-06-11 11:51 (-15)	21		10 - 40
		Day 29	2020-07-24 10:07 (29)	19		10 - 40
		Day 57	2020-08-21 10:03 (29)	21		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-11 11:51 (-15)	67		43 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051054	Alkaline Phosphatase (U/L)	Day 29	2020-07-24 10:07 (29)	64		43 - 115
		Day 57	2020-08-21 10:03 (29)	61		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-11 11:51 (-15)	23		10 - 43
		Day 29	2020-07-24 10:07 (29)	15		10 - 43
		Day 57	2020-08-21 10:03 (29)	21		10 - 43
	Bilirubin (umol/L)	Screening	2020-06-11 11:51 (-15)	11.8		- 18.8
		Day 29	2020-07-24 10:07 (29)	10.1		- 18.8
		Day 57	2020-08-21 10:03 (29)	6.5		- 18.8
	Creatinine (umol/L)	Screening	2020-06-11 11:51 (-15)	80		62 - 124
		Day 29	2020-07-24 10:07 (29)	80		62 - 124
		Day 57	2020-08-21 10:03 (29)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-11 11:51 (-15)	<3.4		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051054	Direct Bilirubin (umol/L)	Day 29	2020-07-24 10:07 (29)	<3.4		0 - 6.8
		Day 57	2020-08-21 10:03 (29)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-11 11:51 (-15)	5.35		1.78 - 7.14
		Day 29	2020-07-24 10:07 (29)	4.64		1.78 - 7.14
		Day 57	2020-08-21 10:03 (29)	4.64		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-11 11:51 (-15)	16.7		7.8 - 26.7
		Day 29	2020-07-24 10:07 (29)	14.4		7.8 - 26.7
		Day 57	2020-08-21 10:03 (29)	16.2		7.8 - 26.7
US2051064	Alanine Aminotransferase (U/L)	Screening	2020-06-17 10:01 (-14)	16		10 - 33
		Day 29	2020-07-29 09:25 (29)	13		10 - 33
		Day 57	2020-08-27 08:52 (30)	18		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-17 10:01 (-14)	46		30 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051064	Alkaline Phosphatase (U/L)	Day 29	2020-07-29 09:25 (29)	41		30 - 115
		Day 57	2020-08-27 08:52 (30)	46		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-17 10:01 (-14)	22		10 - 36
		Day 29	2020-07-29 09:25 (29)	24		10 - 36
		Day 57	2020-08-27 08:52 (30)	26		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-17 10:01 (-14)	5.1		- 18.8
		Day 29	2020-07-29 09:25 (29)	9.1		- 18.8
		Day 57	2020-08-27 08:52 (30)	9.9		- 18.8
	Creatinine (umol/L)	Screening	2020-06-17 10:01 (-14)	80		62 - 124
		Day 29	2020-07-29 09:25 (29)	80		62 - 124
		Day 57	2020-08-27 08:52 (30)	80		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-17 10:01 (-14)	<3.4		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051064	Direct Bilirubin (umol/L)	Day 29	2020-07-29 09:25 (29)	<3.4		0 - 6.8
		Day 57	2020-08-27 08:52 (30)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-17 10:01 (-14)	88.8 (H)		1.7 - 21.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-17 10:01 (-14)	5.00		1.78 - 7.14
		Day 29	2020-07-29 09:25 (29)	5.35		1.78 - 7.14
		Day 57	2020-08-27 08:52 (30)	4.64		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-17 10:01 (-14)	15.6		7.8 - 26.7
		Day 29	2020-07-29 09:25 (29)	16.7		7.8 - 26.7
		Day 57	2020-08-27 08:52 (30)	14.4		7.8 - 26.7
US2051069	Alanine Aminotransferase (U/L)	Screening	2020-06-18 09:23 (-8)	21		10 - 33
		Day 29	2020-07-28 08:26 (33)	19		10 - 33
		Day 57	2020-08-26 08:52 (30)	15		10 - 33

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051069	Alkaline Phosphatase (U/L)	Screening	2020-06-18 09:23 (-8)	66		30 - 115
		Day 29	2020-07-28 08:26 (33)	58		30 - 115
		Day 57	2020-08-26 08:52 (30)	53		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-18 09:23 (-8)	26		10 - 36
		Day 29	2020-07-28 08:26 (33)	21		10 - 36
		Day 57	2020-08-26 08:52 (30)	17		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-18 09:23 (-8)	3.6		- 18.8
		Day 29	2020-07-28 08:26 (33)	4.8		- 18.8
		Day 57	2020-08-26 08:52 (30)	6.2		- 18.8
	Creatinine (umol/L)	Screening	2020-06-18 09:23 (-8)	80		62 - 124
		Day 29	2020-07-28 08:26 (33)	71		62 - 124
		Day 57	2020-08-26 08:52 (30)	71		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051069	Direct Bilirubin (umol/L)	Screening	2020-06-18 09:23 (-8)	<3.4		0 - 6.8
		Day 29	2020-07-28 08:26 (33)	<3.4		0 - 6.8
		Day 57	2020-08-26 08:52 (30)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-18 09:23 (-8)	78.5 (H)		1.7 - 21.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-18 09:23 (-8)	6.78		1.78 - 7.14
		Day 29	2020-07-28 08:26 (33)	6.78		1.78 - 7.14
		Day 57	2020-08-26 08:52 (30)	5.71		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-18 09:23 (-8)	21.1		7.8 - 26.7
		Day 29	2020-07-28 08:26 (33)	23.8		7.8 - 26.7
		Day 57	2020-08-26 08:52 (30)	20.0		7.8 - 26.7
US2051070	Alanine Aminotransferase (U/L)	Screening	2020-06-18 09:13 (-13)	25		10 - 40
		Day 29	2020-08-03 08:34 (34)	27		10 - 40

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051070	Alanine Aminotransferase (U/L)	Day 57	2020-08-28 08:38 (26)	20		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-18 09:13 (-13)	48		43 - 115
		Day 29	2020-08-03 08:34 (34)	45		43 - 115
		Day 57	2020-08-28 08:38 (26)	39 (L)		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-18 09:13 (-13)	25		10 - 43
		Day 29	2020-08-03 08:34 (34)	23		10 - 43
		Day 57	2020-08-28 08:38 (26)	24		10 - 43
	Bilirubin (umol/L)	Screening	2020-06-18 09:13 (-13)	5.6		- 18.8
		Day 29	2020-08-03 08:34 (34)	2.7		- 18.8
		Day 57	2020-08-28 08:38 (26)	6.7		- 18.8
	Creatinine (umol/L)	Screening	2020-06-18 09:13 (-13)	71		62 - 124
		Day 29	2020-08-03 08:34 (34)	62		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051070	Creatinine (umol/L)	Day 57	2020-08-28 08:38 (26)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-18 09:13 (-13)	<3.4		0 - 6.8
		Day 29	2020-08-03 08:34 (34)	<3.4		0 - 6.8
		Day 57	2020-08-28 08:38 (26)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-18 09:13 (-13)	5.00		1.78 - 7.14
		Day 29	2020-08-03 08:34 (34)	5.71		1.78 - 7.14
		Day 57	2020-08-28 08:38 (26)	5.71		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-18 09:13 (-13)	17.5		7.8 - 26.7
		Day 29	2020-08-03 08:34 (34)	22.9		7.8 - 26.7
		Day 57	2020-08-28 08:38 (26)	22.9		7.8 - 26.7
US2051074	Alanine Aminotransferase (U/L)	Screening	2020-06-19 10:29 (-11)	13		10 - 40
		Day 29	2020-07-28 09:30 (29)	9 (L)		10 - 40

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051074	Alanine Aminotransferase (U/L)	Day 57	2020-08-25 09:22 (29)	14		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-19 10:29 (-11)	53		43 - 115
		Day 29	2020-07-28 09:30 (29)	47		43 - 115
		Day 57	2020-08-25 09:22 (29)	49		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-19 10:29 (-11)	14		10 - 43
		Day 29	2020-07-28 09:30 (29)	16		10 - 43
		Day 57	2020-08-25 09:22 (29)	14		10 - 43
	Bilirubin (umol/L)	Screening	2020-06-19 10:29 (-11)	6.2		- 18.8
		Day 29	2020-07-28 09:30 (29)	5.8		- 18.8
		Day 57	2020-08-25 09:22 (29)	7.4		- 18.8
	Creatinine (umol/L)	Screening	2020-06-19 10:29 (-11)	71		62 - 124
		Day 29	2020-07-28 09:30 (29)	53 (L)		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051074	Creatinine (umol/L)	Day 57	2020-08-25 09:22 (29)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-19 10:29 (-11)	<3.4		0 - 6.8
		Day 29	2020-07-28 09:30 (29)	<3.4		0 - 6.8
		Day 57	2020-08-25 09:22 (29)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-19 10:29 (-11)	6.43		1.78 - 7.14
		Day 29	2020-07-28 09:30 (29)	5.71		1.78 - 7.14
		Day 57	2020-08-25 09:22 (29)	5.71		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-19 10:29 (-11)	22.5		7.8 - 26.7
		Day 29	2020-07-28 09:30 (29)	26.7		7.8 - 26.7
		Day 57	2020-08-25 09:22 (29)	26.7		7.8 - 26.7
US2051075	Alanine Aminotransferase (U/L)	Screening	2020-06-19 12:15 (-11)	16		10 - 33
		Day 29	2020-07-29 12:27 (30)	15		10 - 33

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051075	Alanine Aminotransferase (U/L)	Day 57	2020-08-27 12:17 (30)	19		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-19 12:15 (-11)	90		30 - 115
		Day 29	2020-07-29 12:27 (30)	80		30 - 115
		Day 57	2020-08-27 12:17 (30)	78		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-19 12:15 (-11)	19		10 - 36
		Day 29	2020-07-29 12:27 (30)	19		10 - 36
		Day 57	2020-08-27 12:17 (30)	21		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-19 12:15 (-11)	7.2		- 18.8
		Day 29	2020-07-29 12:27 (30)	5.6		- 18.8
		Day 57	2020-08-27 12:17 (30)	4.4		- 18.8
	Creatinine (umol/L)	Screening	2020-06-19 12:15 (-11)	44 (L)		62 - 124
		Day 29	2020-07-29 12:27 (30)	35 (L)		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051075	Creatinine (umol/L)	Day 57	2020-08-27 12:17 (30)	44 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-19 12:15 (-11)	<3.4		0 - 6.8
		Day 29	2020-07-29 12:27 (30)	<3.4		0 - 6.8
		Day 57	2020-08-27 12:17 (30)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-19 12:15 (-11)	74.4 (H)		1.7 - 21.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-19 12:15 (-11)	4.28		1.78 - 7.14
		Day 29	2020-07-29 12:27 (30)	5.35		1.78 - 7.14
		Day 57	2020-08-27 12:17 (30)	4.64		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-19 12:15 (-11)	24.0		7.8 - 26.7
		Day 29	2020-07-29 12:27 (30)	37.5 (H)		7.8 - 26.7
		Day 57	2020-08-27 12:17 (30)	26.0		7.8 - 26.7
US2051077	Alanine Aminotransferase (U/L)	Screening	2020-06-22 09:09 (-8)	13		10 - 33

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051077	Alanine Aminotransferase (U/L)	Day 29	2020-07-29 13:30 (30)	12		10 - 33
		Day 57	2020-08-25 08:43 (28)	14		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-22 09:09 (-8)	54		30 - 115
		Day 29	2020-07-29 13:30 (30)	55		30 - 115
		Day 57	2020-08-25 08:43 (28)	60		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-22 09:09 (-8)	21		10 - 36
		Day 29	2020-07-29 13:30 (30)	23		10 - 36
		Day 57	2020-08-25 08:43 (28)	21		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-22 09:09 (-8)	4.3		- 18.8
		Day 29	2020-07-29 13:30 (30)	5.8		- 18.8
		Day 57	2020-08-25 08:43 (28)	6.7		- 18.8
	Creatinine (umol/L)	Screening	2020-06-22 09:09 (-8)	62		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051077	Creatinine (umol/L)	Day 29	2020-07-29 13:30 (30)	88		62 - 124
		Day 57	2020-08-25 08:43 (28)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-22 09:09 (-8)	<3.4		0 - 6.8
		Day 29	2020-07-29 13:30 (30)	<3.4		0 - 6.8
		Day 57	2020-08-25 08:43 (28)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-22 09:09 (-8)	122.2 (H)		1.7 - 21.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-22 09:09 (-8)	5.71		1.78 - 7.14
		Day 29	2020-07-29 13:30 (30)	6.43		1.78 - 7.14
		Day 57	2020-08-25 08:43 (28)	5.35		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-22 09:09 (-8)	22.9		7.8 - 26.7
		Day 29	2020-07-29 13:30 (30)	18.0		7.8 - 26.7
		Day 57	2020-08-25 08:43 (28)	21.4		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051084	Alanine Aminotransferase (U/L)	Screening	2020-06-23 15:27 (-8)	15		10 - 33
		Day 29	2020-07-29 14:38 (29)	12		10 - 33
		Day 57	2020-09-02 14:19 (36)	17		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-23 15:27 (-8)	67		30 - 115
		Day 29	2020-07-29 14:38 (29)	65		30 - 115
		Day 57	2020-09-02 14:19 (36)	66		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-23 15:27 (-8)	20		10 - 36
		Day 29	2020-07-29 14:38 (29)	15		10 - 36
		Day 57	2020-09-02 14:19 (36)	14		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-23 15:27 (-8)	6.7		- 18.8
		Day 29	2020-07-29 14:38 (29)	5.3		- 18.8
		Day 57	2020-09-02 14:19 (36)	4.1		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051084	Creatinine (umol/L)	Screening	2020-06-23 15:27 (-8)	53 (L)		62 - 124
		Day 29	2020-07-29 14:38 (29)	80		62 - 124
		Day 57	2020-09-02 14:19 (36)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-23 15:27 (-8)	<3.4		0 - 6.8
		Day 29	2020-07-29 14:38 (29)	<3.4		0 - 6.8
		Day 57	2020-09-02 14:19 (36)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-23 15:27 (-8)	79.7 (H)		1.7 - 21.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-23 15:27 (-8)	3.93		1.78 - 7.14
		Day 29	2020-07-29 14:38 (29)	5.35		1.78 - 7.14
		Day 57	2020-09-02 14:19 (36)	5.35		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-23 15:27 (-8)	18.3		7.8 - 26.7
		Day 29	2020-07-29 14:38 (29)	16.7		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051084	Urea Nitrogen/Creatinine	Day 57	2020-09-02 14:19 (36)	25.0		7.8 - 26.7
US2051085	Alanine Aminotransferase (U/L)	Screening	2020-06-24 13:45 (-8)	20		10 - 33
		Day 29	2020-07-30 09:44 (29)	18		10 - 33
		Day 57	2020-09-01 09:26 (34)	21		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-24 13:45 (-8)	93		30 - 115
		Day 29	2020-07-30 09:44 (29)	94		30 - 115
		Day 57	2020-09-01 09:26 (34)	99		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-24 13:45 (-8)	23		10 - 36
		Day 29	2020-07-30 09:44 (29)	23		10 - 36
		Day 57	2020-09-01 09:26 (34)	24		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-24 13:45 (-8)	5.6		- 18.8
		Day 29	2020-07-30 09:44 (29)	5.0		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051085	Bilirubin (umol/L)	Day 57	2020-09-01 09:26 (34)	7.0		- 18.8
	Creatinine (umol/L)	Screening	2020-06-24 13:45 (-8)	53 (L)		62 - 124
		Day 29	2020-07-30 09:44 (29)	71		62 - 124
		Day 57	2020-09-01 09:26 (34)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-24 13:45 (-8)	<3.4		0 - 6.8
		Day 29	2020-07-30 09:44 (29)	<3.4		0 - 6.8
		Day 57	2020-09-01 09:26 (34)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-24 13:45 (-8)	126.7 (H)		1.7 - 21.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-24 13:45 (-8)	4.64		1.78 - 7.14
		Day 29	2020-07-30 09:44 (29)	6.43		1.78 - 7.14
		Day 57	2020-09-01 09:26 (34)	3.93		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-24 13:45 (-8)	21.7		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051085	Urea Nitrogen/Creatinine	Day 29	2020-07-30 09:44 (29)	22.5		7.8 - 26.7
		Day 57	2020-09-01 09:26 (34)	18.3		7.8 - 26.7
US2051088	Alanine Aminotransferase (U/L)	Screening	2020-06-25 10:13 (-5)	22		10 - 40
		Day 29	2020-07-28 09:32 (29)	22		10 - 40
		Day 57	2020-08-25 09:10 (29)	24		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-25 10:13 (-5)	36 (L)		43 - 115
		Day 29	2020-07-28 09:32 (29)	38 (L)		43 - 115
		Day 57	2020-08-25 09:10 (29)	37 (L)		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-25 10:13 (-5)	26		10 - 43
		Day 29	2020-07-28 09:32 (29)	20		10 - 43
		Day 57	2020-08-25 09:10 (29)	21		10 - 43
	Bilirubin (umol/L)	Screening	2020-06-25 10:13 (-5)	8.7		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051088	Bilirubin (umol/L)	Day 29	2020-07-28 09:32 (29)	6.2		- 18.8
		Day 57	2020-08-25 09:10 (29)	6.5		- 18.8
	Creatinine (umol/L)	Screening	2020-06-25 10:13 (-5)	53 (L)		62 - 124
		Day 29	2020-07-28 09:32 (29)	53 (L)		62 - 124
		Day 57	2020-08-25 09:10 (29)	44 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-25 10:13 (-5)	<3.4		0 - 6.8
		Day 29	2020-07-28 09:32 (29)	<3.4		0 - 6.8
		Day 57	2020-08-25 09:10 (29)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-25 10:13 (-5)	5.35		1.78 - 7.14
		Day 29	2020-07-28 09:32 (29)	6.78		1.78 - 7.14
		Day 57	2020-08-25 09:10 (29)	6.07		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-25 10:13 (-5)	25.0		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051088	Urea Nitrogen/Creatinine	Day 29	2020-07-28 09:32 (29)	31.7 (H)		7.8 - 26.7
		Day 57	2020-08-25 09:10 (29)	34.0 (H)		7.8 - 26.7
US2051097	Alanine Aminotransferase (U/L)	Screening	2020-06-29 14:53 (-7)	22		10 - 33
		Day 29	2020-08-03 09:37 (29)	23		10 - 33
		Day 57	2020-08-31 09:17 (29)	27		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-29 14:53 (-7)	99		30 - 115
		Day 29	2020-08-03 09:37 (29)	89		30 - 115
		Day 57	2020-08-31 09:17 (29)	88		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-29 14:53 (-7)	22		10 - 36
		Day 29	2020-08-03 09:37 (29)	21		10 - 36
		Day 57	2020-08-31 09:17 (29)	22		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-29 14:53 (-7)	9.2		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051097	Bilirubin (umol/L)	Day 29	2020-08-03 09:37 (29)	6.5		- 18.8
		Day 57	2020-08-31 09:17 (29)	9.7		- 18.8
	Creatinine (umol/L)	Screening	2020-06-29 14:53 (-7)	44 (L)		62 - 124
		Day 29	2020-08-03 09:37 (29)	44 (L)		62 - 124
		Day 57	2020-08-31 09:17 (29)	44 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-29 14:53 (-7)	<3.4		0 - 6.8
		Day 29	2020-08-03 09:37 (29)	<3.4		0 - 6.8
		Day 57	2020-08-31 09:17 (29)	3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-29 14:53 (-7)	54.2 (H)		1.7 - 21.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-29 14:53 (-7)	5.00		1.78 - 7.14
		Day 29	2020-08-03 09:37 (29)	8.57 (H)	G1 Blood Urea Nitrogen Increased	1.78 - 7.14
		Day 57	2020-08-31 09:17 (29)	7.85 (H)		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051097	Urea Nitrogen/Creatinine	Screening	2020-06-29 14:53 (-7)	28.0 (H)		7.8 - 26.7
		Day 29	2020-08-03 09:37 (29)	48.0 (H)		7.8 - 26.7
		Day 57	2020-08-31 09:17 (29)	44.0 (H)		7.8 - 26.7
US2051101	Alanine Aminotransferase (U/L)	Screening	2020-06-30 10:05 (-6)	15		10 - 33
		Day 29	2020-08-10 08:30 (36)	17		10 - 33
		Day 57	2020-09-10 15:10 (32)	17		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-30 10:05 (-6)	91		30 - 115
		Day 29	2020-08-10 08:30 (36)	87		30 - 115
		Day 57	2020-09-10 15:10 (32)	89		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-30 10:05 (-6)	17		10 - 36
		Day 29	2020-08-10 08:30 (36)	21		10 - 36
		Day 57	2020-09-10 15:10 (32)	16		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051101	Bilirubin (umol/L)	Screening	2020-06-30 10:05 (-6)	3.9		- 18.8
		Day 29	2020-08-10 08:30 (36)	4.4		- 18.8
		Day 57	2020-09-10 15:10 (32)	4.6		- 18.8
	Creatinine (umol/L)	Screening	2020-06-30 10:05 (-6)	80		62 - 124
		Day 29	2020-08-10 08:30 (36)	62		62 - 124
		Day 57	2020-09-10 15:10 (32)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-30 10:05 (-6)	<3.4		0 - 6.8
		Day 29	2020-08-10 08:30 (36)	<3.4		0 - 6.8
		Day 57	2020-09-10 15:10 (32)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-30 10:05 (-6)	71.1 (H)		1.7 - 21.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-30 10:05 (-6)	7.14		1.78 - 7.14
		Day 29	2020-08-10 08:30 (36)	4.64		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051101	Urea Nitrogen (mmol/L)	Day 57	2020-09-10 15:10 (32)	4.64		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-30 10:05 (-6)	22.2		7.8 - 26.7
		Day 29	2020-08-10 08:30 (36)	18.6		7.8 - 26.7
		Day 57	2020-09-10 15:10 (32)	18.6		7.8 - 26.7
US2051102	Alanine Aminotransferase (U/L)	Screening	2020-07-01 08:23 (-5)	16		10 - 40
		Day 29	2020-08-03 08:43 (29)	77 (H)	G1 Alanine Aminotransferase Increased	10 - 40
		Day 57	2020-08-31 08:24 (29)	28		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-07-01 08:23 (-5)	61		43 - 115
		Day 29	2020-08-03 08:43 (29)	131 (H)	G1 Alkaline Phosphatase Increased	43 - 115
		Day 57	2020-08-31 08:24 (29)	83		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-07-01 08:23 (-5)	19		10 - 43

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051102	Aspartate Aminotransferase (U/L)	Day 29	2020-08-03 08:43 (29)	61 (H)	G1 Aspartate Aminotransferase Increased	10 - 43
		Day 57	2020-08-31 08:24 (29)	22		10 - 43
	Bilirubin (umol/L)	Screening	2020-07-01 08:23 (-5)	8.2		- 18.8
		Day 29	2020-08-03 08:43 (29)	7.7		- 18.8
		Day 57	2020-08-31 08:24 (29)	5.3		- 18.8
	Creatinine (umol/L)	Screening	2020-07-01 08:23 (-5)	106		62 - 124
		Day 29	2020-08-03 08:43 (29)	97		62 - 124
		Day 57	2020-08-31 08:24 (29)	97		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-07-01 08:23 (-5)	<3.4		0 - 6.8
		Day 29	2020-08-03 08:43 (29)	<3.4		0 - 6.8
		Day 57	2020-08-31 08:24 (29)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-07-01 08:23 (-5)	7.85 (H)		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051102	Urea Nitrogen (mmol/L)	Day 29	2020-08-03 08:43 (29)	7.50 (H)		1.78 - 7.14
		Day 57	2020-08-31 08:24 (29)	6.07		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-07-01 08:23 (-5)	18.3		7.8 - 26.7
		Day 29	2020-08-03 08:43 (29)	19.1		7.8 - 26.7
		Day 57	2020-08-31 08:24 (29)	15.5		7.8 - 26.7
US2051104	Alanine Aminotransferase (U/L)	Screening	2020-06-30 12:38 (-7)	26		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-30 12:38 (-7)	104		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-30 12:38 (-7)	22		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-30 12:38 (-7)	4.1		- 18.8
	Creatinine (umol/L)	Screening	2020-06-30 12:38 (-7)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-30 12:38 (-7)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-30 12:38 (-7)	34.5 (H)		1.7 - 21.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051104	Urea Nitrogen (mmol/L)	Screening	2020-06-30 12:38 (-7)	3.21		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-30 12:38 (-7)	15.0		7.8 - 26.7
US2051106	Alanine Aminotransferase (U/L)	Screening	2020-06-30 13:27 (-6)	18		10 - 40
		Day 29	2020-08-04 10:36 (30)	19		10 - 40
		Day 57	2020-09-01 10:33 (29)	19		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-30 13:27 (-6)	50		43 - 115
		Day 29	2020-08-04 10:36 (30)	53		43 - 115
		Day 57	2020-09-01 10:33 (29)	49		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-30 13:27 (-6)	15		10 - 43
		Day 29	2020-08-04 10:36 (30)	15		10 - 43
		Day 57	2020-09-01 10:33 (29)	14		10 - 43
	Bilirubin (umol/L)	Screening	2020-06-30 13:27 (-6)	9.4		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051106	Bilirubin (umol/L)	Day 29	2020-08-04 10:36 (30)	5.5		- 18.8
		Day 57	2020-09-01 10:33 (29)	8.6		- 18.8
	Creatinine (umol/L)	Screening	2020-06-30 13:27 (-6)	71		62 - 124
		Day 29	2020-08-04 10:36 (30)	80		62 - 124
		Day 57	2020-09-01 10:33 (29)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-30 13:27 (-6)	<3.4		0 - 6.8
		Day 29	2020-08-04 10:36 (30)	<3.4		0 - 6.8
		Day 57	2020-09-01 10:33 (29)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-30 13:27 (-6)	4.64		1.78 - 7.14
		Day 29	2020-08-04 10:36 (30)	4.64		1.78 - 7.14
		Day 57	2020-09-01 10:33 (29)	6.78		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-30 13:27 (-6)	16.2		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051106	Urea Nitrogen/Creatinine	Day 29	2020-08-04 10:36 (30)	14.4		7.8 - 26.7
		Day 57	2020-09-01 10:33 (29)	23.8		7.8 - 26.7
US2051108	Alanine Aminotransferase (U/L)	Screening	2020-06-30 14:57 (-6)	9 (L)		10 - 40
		Day 29	2020-08-10 13:40 (36)	10		10 - 40
		Day 57	2020-09-08 14:26 (30)	12		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-30 14:57 (-6)	67		43 - 115
		Day 29	2020-08-10 13:40 (36)	56		43 - 115
		Day 57	2020-09-08 14:26 (30)	53		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-30 14:57 (-6)	14		10 - 43
		Day 29	2020-08-10 13:40 (36)	21		10 - 43
		Day 57	2020-09-08 14:26 (30)	17		10 - 43
	Bilirubin (umol/L)	Screening	2020-06-30 14:57 (-6)	9.9		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051108	Bilirubin (umol/L)	Day 29	2020-08-10 13:40 (36)	11.1		- 18.8
		Day 57	2020-09-08 14:26 (30)	10.8		- 18.8
	Creatinine (umol/L)	Screening	2020-06-30 14:57 (-6)	80		62 - 124
		Day 29	2020-08-10 13:40 (36)	80		62 - 124
		Day 57	2020-09-08 14:26 (30)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-30 14:57 (-6)	<3.4		0 - 6.8
		Day 29	2020-08-10 13:40 (36)	<3.4		0 - 6.8
		Day 57	2020-09-08 14:26 (30)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-30 14:57 (-6)	4.28		1.78 - 7.14
		Day 29	2020-08-10 13:40 (36)	3.93		1.78 - 7.14
		Day 57	2020-09-08 14:26 (30)	3.21		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-30 14:57 (-6)	13.3		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051108	Urea Nitrogen/Creatinine	Day 29	2020-08-10 13:40 (36)	12.2		7.8 - 26.7
		Day 57	2020-09-08 14:26 (30)	11.2		7.8 - 26.7
US2051111	Alanine Aminotransferase (U/L)	Screening	2020-07-01 13:51 (-5)	19		10 - 33
		Day 29	2020-08-04 14:01 (30)	18		10 - 33
		Day 57	2020-08-31 14:24 (28)	18		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-07-01 13:51 (-5)	75		30 - 115
		Day 29	2020-08-04 14:01 (30)	69		30 - 115
		Day 57	2020-08-31 14:24 (28)	68		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-07-01 13:51 (-5)	26		10 - 36
		Day 29	2020-08-04 14:01 (30)	24		10 - 36
		Day 57	2020-08-31 14:24 (28)	24		10 - 36
	Bilirubin (umol/L)	Screening	2020-07-01 13:51 (-5)	5.1		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051111	Bilirubin (umol/L)	Day 29	2020-08-04 14:01 (30)	3.6		- 18.8
		Day 57	2020-08-31 14:24 (28)	4.1		- 18.8
	Creatinine (umol/L)	Screening	2020-07-01 13:51 (-5)	62		62 - 124
		Day 29	2020-08-04 14:01 (30)	62		62 - 124
		Day 57	2020-08-31 14:24 (28)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-07-01 13:51 (-5)	<3.4		0 - 6.8
		Day 29	2020-08-04 14:01 (30)	<3.4		0 - 6.8
		Day 57	2020-08-31 14:24 (28)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-07-01 13:51 (-5)	49.8 (H)		1.7 - 21.5
	Urea Nitrogen (mmol/L)	Screening	2020-07-01 13:51 (-5)	5.35		1.78 - 7.14
		Day 29	2020-08-04 14:01 (30)	4.64		1.78 - 7.14
		Day 57	2020-08-31 14:24 (28)	5.35		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051111	Urea Nitrogen/Creatinine	Screening	2020-07-01 13:51 (-5)	21.4		7.8 - 26.7
		Day 29	2020-08-04 14:01 (30)	18.6		7.8 - 26.7
		Day 57	2020-08-31 14:24 (28)	21.4		7.8 - 26.7
US2061036	Alanine Aminotransferase (U/L)	Screening	2020-06-09 11:11 (-17)	11		10 - 33
		Day 29	2020-07-27 10:36 (32)	13		10 - 33
		Day 57	2020-08-24 17:05 (29)	16		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-09 11:11 (-17)	67		30 - 115
		Day 29	2020-07-27 10:36 (32)	68		30 - 115
		Day 57	2020-08-24 17:05 (29)	71		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-09 11:11 (-17)	17		10 - 36
		Day 29	2020-07-27 10:36 (32)	14		10 - 36
		Day 57	2020-08-24 17:05 (29)	16		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061036	Bilirubin (umol/L)	Screening	2020-06-09 11:11 (-17)	5.6		- 18.8
		Day 29	2020-07-27 10:36 (32)	4.6		- 18.8
		Day 57	2020-08-24 17:05 (29)	2.9		- 18.8
	Creatinine (umol/L)	Screening	2020-06-09 11:11 (-17)	53 (L)		62 - 124
		Day 29	2020-07-27 10:36 (32)	53 (L)		62 - 124
		Day 57	2020-08-24 17:05 (29)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-09 11:11 (-17)	<3.4		0 - 6.8
		Day 29	2020-07-27 10:36 (32)	<3.4		0 - 6.8
		Day 57	2020-08-24 17:05 (29)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-09 11:11 (-17)	77.5 (H)		1.7 - 21.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-09 11:11 (-17)	4.64		1.78 - 7.14
		Day 29	2020-07-27 10:36 (32)	4.28		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061036	Urea Nitrogen (mmol/L)	Day 57	2020-08-24 17:05 (29)	4.28		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-09 11:11 (-17)	21.7		7.8 - 26.7
		Day 29	2020-07-27 10:36 (32)	20.0		7.8 - 26.7
		Day 57	2020-08-24 17:05 (29)	20.0		7.8 - 26.7
US2061045	Alanine Aminotransferase (U/L)	Screening	2020-06-10 16:16 (-19)	16		10 - 33
		Day 29	2020-07-27 15:20 (29)	16		10 - 33
		Day 57	2020-08-20 13:50 (25)	12		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-10 16:16 (-19)	74		30 - 115
		Day 29	2020-07-27 15:20 (29)	81		30 - 115
		Day 57	2020-08-20 13:50 (25)	80		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-10 16:16 (-19)	21		10 - 36
		Day 29	2020-07-27 15:20 (29)	16		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061045	Aspartate Aminotransferase (U/L)	Day 57	2020-08-20 13:50 (25)	17		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-10 16:16 (-19)	4.1		- 18.8
		Day 29	2020-07-27 15:20 (29)	3.2		- 18.8
		Day 57	2020-08-20 13:50 (25)	2.6		- 18.8
	Creatinine (umol/L)	Screening	2020-06-10 16:16 (-19)	44 (L)		62 - 124
		Day 29	2020-07-27 15:20 (29)	53 (L)		62 - 124
		Day 57	2020-08-20 13:50 (25)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-10 16:16 (-19)	<3.4		0 - 6.8
		Day 29	2020-07-27 15:20 (29)	<3.4		0 - 6.8
		Day 57	2020-08-20 13:50 (25)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-10 16:16 (-19)	61.2 (H)		1.7 - 21.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-10 16:16 (-19)	6.07		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061045	Urea Nitrogen (mmol/L)	Day 29	2020-07-27 15:20 (29)	6.43		1.78 - 7.14
		Day 57	2020-08-20 13:50 (25)	7.85 (H)		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-10 16:16 (-19)	34.0 (H)		7.8 - 26.7
		Day 29	2020-07-27 15:20 (29)	30.0 (H)		7.8 - 26.7
		Day 57	2020-08-20 13:50 (25)	31.4 (H)		7.8 - 26.7
US2061063	Alanine Aminotransferase (U/L)	Screening	2020-06-22 13:52 (-8)	19		10 - 40
		Unscheduled	2020-06-24 15:38 (-6)	17		10 - 40
		Day 29	2020-07-28 15:35 (29)	17		10 - 40
		Day 57	2020-08-31 11:32 (35)	18		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-22 13:52 (-8)	57		43 - 115
		Unscheduled	2020-06-24 15:38 (-6)	58		43 - 115
		Day 29	2020-07-28 15:35 (29)	50		43 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061063	Alkaline Phosphatase (U/L)	Day 57	2020-08-31 11:32 (35)	54		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-22 13:52 (-8)	26		10 - 43
		Unscheduled	2020-06-24 15:38 (-6)	27		10 - 43
		Day 29	2020-07-28 15:35 (29)	28		10 - 43
		Day 57	2020-08-31 11:32 (35)	21		10 - 43
	Bilirubin (umol/L)	Screening	2020-06-22 13:52 (-8)	5.1		- 18.8
		Unscheduled	2020-06-24 15:38 (-6)	11.3		- 18.8
		Day 29	2020-07-28 15:35 (29)	8.9		- 18.8
		Day 57	2020-08-31 11:32 (35)	8.7		- 18.8
	Creatinine (umol/L)	Screening	2020-06-22 13:52 (-8)	88		62 - 124
		Unscheduled	2020-06-24 15:38 (-6)	71		62 - 124
		Day 29	2020-07-28 15:35 (29)	71		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061063	Creatinine (umol/L)	Day 57	2020-08-31 11:32 (35)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-22 13:52 (-8)	<3.4		0 - 6.8
		Unscheduled	2020-06-24 15:38 (-6)	<3.4		0 - 6.8
		Day 29	2020-07-28 15:35 (29)	<3.4		0 - 6.8
		Day 57	2020-08-31 11:32 (35)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-22 13:52 (-8)	10.00 (H)	G2 Blood Urea Nitrogen Increased	1.78 - 7.14
		Unscheduled	2020-06-24 15:38 (-6)	5.35		1.78 - 7.14
		Day 29	2020-07-28 15:35 (29)	5.35		1.78 - 7.14
		Day 57	2020-08-31 11:32 (35)	5.00		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-22 13:52 (-8)	28.0 (H)		7.8 - 26.7
		Unscheduled	2020-06-24 15:38 (-6)	18.8		7.8 - 26.7
		Day 29	2020-07-28 15:35 (29)	18.8		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061063	Urea Nitrogen/Creatinine	Day 57	2020-08-31 11:32 (35)	17.5		7.8 - 26.7
US2071006	Alanine Aminotransferase (U/L)	Screening	2020-05-25 11:08 (-8)	14		10 - 33
		Day 29	2020-07-01 08:45 (30)	16		10 - 33
		Day 57	2020-07-27 08:37 (27)	16		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-25 11:08 (-8)	61		30 - 115
		Day 29	2020-07-01 08:45 (30)	57		30 - 115
		Day 57	2020-07-27 08:37 (27)	68		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-25 11:08 (-8)	22		10 - 36
		Day 29	2020-07-01 08:45 (30)	23		10 - 36
		Day 57	2020-07-27 08:37 (27)	20		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-25 11:08 (-8)	7.0		- 18.8
		Day 29	2020-07-01 08:45 (30)	7.0		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071006	Bilirubin (umol/L)	Day 57	2020-07-27 08:37 (27)	5.3		- 18.8
	Creatinine (umol/L)	Screening	2020-05-25 11:08 (-8)	71		62 - 124
		Day 29	2020-07-01 08:45 (30)	88		62 - 124
		Day 57	2020-07-27 08:37 (27)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-25 11:08 (-8)	<3.4		0 - 6.8
		Day 29	2020-07-01 08:45 (30)	<3.4		0 - 6.8
		Day 57	2020-07-27 08:37 (27)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-25 11:08 (-8)	3.93		1.78 - 7.14
		Day 29	2020-07-01 08:45 (30)	3.93		1.78 - 7.14
		Day 57	2020-07-27 08:37 (27)	4.28		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-25 11:08 (-8)	13.8		7.8 - 26.7
		Day 29	2020-07-01 08:45 (30)	11.0		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071006	Urea Nitrogen/Creatinine	Day 57	2020-07-27 08:37 (27)	15.0		7.8 - 26.7
US2071013	Alanine Aminotransferase (U/L)	Screening	2020-05-25 15:42 (-8)	19		10 - 33
		Day 29	2020-07-09 14:32 (38)	18		10 - 33
		Day 57	2020-08-03 15:27 (26)	15		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-25 15:42 (-8)	99		30 - 115
		Day 29	2020-07-09 14:32 (38)	90		30 - 115
		Day 57	2020-08-03 15:27 (26)	94		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-25 15:42 (-8)	22		10 - 36
		Day 29	2020-07-09 14:32 (38)	18		10 - 36
		Day 57	2020-08-03 15:27 (26)	18		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-25 15:42 (-8)	6.2		- 18.8
		Day 29	2020-07-09 14:32 (38)	8.0		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071013	Bilirubin (umol/L)	Day 57	2020-08-03 15:27 (26)	7.0		- 18.8
	Creatinine (umol/L)	Screening	2020-05-25 15:42 (-8)	62		62 - 124
		Day 29	2020-07-09 14:32 (38)	71		62 - 124
		Day 57	2020-08-03 15:27 (26)	88		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-25 15:42 (-8)	<3.4		0 - 6.8
		Day 29	2020-07-09 14:32 (38)	<3.4		0 - 6.8
		Day 57	2020-08-03 15:27 (26)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-25 15:42 (-8)	4.64		1.78 - 7.14
		Day 29	2020-07-09 14:32 (38)	6.78		1.78 - 7.14
		Day 57	2020-08-03 15:27 (26)	4.64		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-25 15:42 (-8)	18.6		7.8 - 26.7
		Day 29	2020-07-09 14:32 (38)	23.8		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071013	Urea Nitrogen/Creatinine	Day 57	2020-08-03 15:27 (26)	13.0		7.8 - 26.7
US2071037	Alanine Aminotransferase (U/L)	Screening	2020-05-27 12:34 (-7)	18		10 - 40
		Day 29	2020-07-07 13:32 (35)	16		10 - 40
		Day 57	2020-08-03 10:22 (28)	19		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-05-27 12:34 (-7)	94		43 - 115
		Day 29	2020-07-07 13:32 (35)	91		43 - 115
		Day 57	2020-08-03 10:22 (28)	93		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-27 12:34 (-7)	22		10 - 43
		Day 29	2020-07-07 13:32 (35)	22		10 - 43
		Day 57	2020-08-03 10:22 (28)	18		10 - 43
	Bilirubin (umol/L)	Screening	2020-05-27 12:34 (-7)	7.7		- 18.8
		Day 29	2020-07-07 13:32 (35)	7.7		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071037	Bilirubin (umol/L)	Day 57	2020-08-03 10:22 (28)	5.6		- 18.8
	Creatinine (umol/L)	Screening	2020-05-27 12:34 (-7)	71		62 - 124
		Day 29	2020-07-07 13:32 (35)	80		62 - 124
		Day 57	2020-08-03 10:22 (28)	80		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-27 12:34 (-7)	<3.4		0 - 6.8
		Day 29	2020-07-07 13:32 (35)	<3.4		0 - 6.8
		Day 57	2020-08-03 10:22 (28)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-27 12:34 (-7)	4.64		1.78 - 7.14
		Day 29	2020-07-07 13:32 (35)	6.07		1.78 - 7.14
		Day 57	2020-08-03 10:22 (28)	5.71		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-27 12:34 (-7)	16.2		7.8 - 26.7
		Day 29	2020-07-07 13:32 (35)	18.9		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071037	Urea Nitrogen/Creatinine	Day 57	2020-08-03 10:22 (28)	17.8		7.8 - 26.7
US2071043	Alanine Aminotransferase (U/L)	Screening	2020-05-28 13:32 (-6)	9 (L)		10 - 33
		Day 29	2020-07-06 11:20 (34)	9 (L)		10 - 33
		Day 57	2020-08-03 11:36 (29)	10		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-28 13:32 (-6)	73		30 - 115
		Day 29	2020-07-06 11:20 (34)	63		30 - 115
		Day 57	2020-08-03 11:36 (29)	59		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-28 13:32 (-6)	14		10 - 36
		Day 29	2020-07-06 11:20 (34)	14		10 - 36
		Day 57	2020-08-03 11:36 (29)	11		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-28 13:32 (-6)	3.6		- 18.8
		Day 29	2020-07-06 11:20 (34)	2.9		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071043	Bilirubin (umol/L)	Day 57	2020-08-03 11:36 (29)	5.3		- 18.8
	Creatinine (umol/L)	Screening	2020-05-28 13:32 (-6)	44 (L)		62 - 124
		Day 29	2020-07-06 11:20 (34)	53 (L)		62 - 124
		Day 57	2020-08-03 11:36 (29)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-28 13:32 (-6)	<3.4		0 - 6.8
		Day 29	2020-07-06 11:20 (34)	<3.4		0 - 6.8
		Day 57	2020-08-03 11:36 (29)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-28 13:32 (-6)	6.07		1.78 - 7.14
		Day 29	2020-07-06 11:20 (34)	5.71		1.78 - 7.14
		Day 57	2020-08-03 11:36 (29)	4.64		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-28 13:32 (-6)	34.0 (H)		7.8 - 26.7
		Day 29	2020-07-06 11:20 (34)	26.7		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071043	Urea Nitrogen/Creatinine	Day 57	2020-08-03 11:36 (29)	21.7		7.8 - 26.7
US2071082	Alanine Aminotransferase (U/L)	Screening	2020-06-15 09:36 (-11)	24		10 - 40
		Day 29	2020-07-28 09:17 (33)	23		10 - 40
		Day 57	2020-08-26 11:47 (30)	21		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-15 09:36 (-11)	43		43 - 115
		Day 29	2020-07-28 09:17 (33)	43		43 - 115
		Day 57	2020-08-26 11:47 (30)	45		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-15 09:36 (-11)	20		10 - 43
		Day 29	2020-07-28 09:17 (33)	23		10 - 43
		Day 57	2020-08-26 11:47 (30)	22		10 - 43
	Bilirubin (umol/L)	Screening	2020-06-15 09:36 (-11)	9.9		- 18.8
		Day 29	2020-07-28 09:17 (33)	4.6		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071082	Bilirubin (umol/L)	Day 57	2020-08-26 11:47 (30)	6.3		- 18.8
	Creatinine (umol/L)	Screening	2020-06-15 09:36 (-11)	88		62 - 124
		Day 29	2020-07-28 09:17 (33)	80		62 - 124
		Day 57	2020-08-26 11:47 (30)	80		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-15 09:36 (-11)	<3.4		0 - 6.8
		Day 29	2020-07-28 09:17 (33)	<3.4		0 - 6.8
		Day 57	2020-08-26 11:47 (30)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-15 09:36 (-11)	7.50 (H)		1.78 - 7.14
		Day 29	2020-07-28 09:17 (33)	6.78		1.78 - 7.14
		Day 57	2020-08-26 11:47 (30)	8.57 (H)	G1 Blood Urea Nitrogen Increased	1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-15 09:36 (-11)	21.0		7.8 - 26.7
		Day 29	2020-07-28 09:17 (33)	21.1		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071082	Urea Nitrogen/Creatinine	Day 57	2020-08-26 11:47 (30)	26.7		7.8 - 26.7
US2071087	Alanine Aminotransferase (U/L)	Screening	2020-06-18 12:36 (-8)	15		10 - 33
		Day 29	2020-07-30 10:30 (35)	20		10 - 33
		Day 57	2020-08-28 10:18 (30)	21		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-18 12:36 (-8)	63		30 - 115
		Day 29	2020-07-30 10:30 (35)	61		30 - 115
		Day 57	2020-08-28 10:18 (30)	64		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-18 12:36 (-8)	26		10 - 36
		Day 29	2020-07-30 10:30 (35)	25		10 - 36
		Day 57	2020-08-28 10:18 (30)	27		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-18 12:36 (-8)	3.9		- 18.8
		Day 29	2020-07-30 10:30 (35)	3.9		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071087	Bilirubin (umol/L)	Day 57	2020-08-28 10:18 (30)	5.0		- 18.8
	Creatinine (umol/L)	Screening	2020-06-18 12:36 (-8)	62		62 - 124
		Day 29	2020-07-30 10:30 (35)	62		62 - 124
		Day 57	2020-08-28 10:18 (30)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-18 12:36 (-8)	<3.4		0 - 6.8
		Day 29	2020-07-30 10:30 (35)	<3.4		0 - 6.8
		Day 57	2020-08-28 10:18 (30)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-18 12:36 (-8)	4.64		1.78 - 7.14
		Day 29	2020-07-30 10:30 (35)	3.93		1.78 - 7.14
		Day 57	2020-08-28 10:18 (30)	4.64		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-18 12:36 (-8)	18.6		7.8 - 26.7
		Day 29	2020-07-30 10:30 (35)	15.7		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071087	Urea Nitrogen/Creatinine	Day 57	2020-08-28 10:18 (30)	18.6		7.8 - 26.7
US2071089	Alanine Aminotransferase (U/L)	Screening	2020-06-18 12:20 (-8)	18		10 - 33
		Day 29	2020-07-29 15:06 (34)	19		10 - 33
		Day 57	2020-08-27 10:27 (30)	24		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-18 12:20 (-8)	102		30 - 115
		Day 29	2020-07-29 15:06 (34)	100		30 - 115
		Day 57	2020-08-27 10:27 (30)	107		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-18 12:20 (-8)	23		10 - 36
		Day 29	2020-07-29 15:06 (34)	21		10 - 36
		Day 57	2020-08-27 10:27 (30)	22		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-18 12:20 (-8)	5.5		- 18.8
		Day 29	2020-07-29 15:06 (34)	4.6		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071089	Bilirubin (umol/L)	Day 57	2020-08-27 10:27 (30)	7.0		- 18.8
	Creatinine (umol/L)	Screening	2020-06-18 12:20 (-8)	71		62 - 124
		Day 29	2020-07-29 15:06 (34)	62		62 - 124
		Day 57	2020-08-27 10:27 (30)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-18 12:20 (-8)	<3.4		0 - 6.8
		Day 29	2020-07-29 15:06 (34)	<3.4		0 - 6.8
		Day 57	2020-08-27 10:27 (30)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-18 12:20 (-8)	6.07		1.78 - 7.14
		Day 29	2020-07-29 15:06 (34)	5.71		1.78 - 7.14
		Day 57	2020-08-27 10:27 (30)	5.00		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-18 12:20 (-8)	21.2		7.8 - 26.7
		Day 29	2020-07-29 15:06 (34)	22.9		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071089	Urea Nitrogen/Creatinine	Day 57	2020-08-27 10:27 (30)	23.3		7.8 - 26.7
US2071091	Alanine Aminotransferase (U/L)	Screening	2020-06-19 10:06 (-7)	19		10 - 40
		Day 29	2020-07-27 11:08 (32)	23		10 - 40
		Day 57	2020-08-21 09:57 (26)	25		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-19 10:06 (-7)	83		43 - 115
		Day 29	2020-07-27 11:08 (32)	80		43 - 115
		Day 57	2020-08-21 09:57 (26)	75		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-19 10:06 (-7)	16		10 - 43
		Day 29	2020-07-27 11:08 (32)	24		10 - 43
		Day 57	2020-08-21 09:57 (26)	16		10 - 43
	Bilirubin (umol/L)	Screening	2020-06-19 10:06 (-7)	7.5		- 18.8
		Day 29	2020-07-27 11:08 (32)	8.0		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071091	Bilirubin (umol/L)	Day 57	2020-08-21 09:57 (26)	6.7		- 18.8
	Creatinine (umol/L)	Screening	2020-06-19 10:06 (-7)	80		62 - 124
		Day 29	2020-07-27 11:08 (32)	71		62 - 124
		Day 57	2020-08-21 09:57 (26)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-19 10:06 (-7)	<3.4		0 - 6.8
		Day 29	2020-07-27 11:08 (32)	<3.4		0 - 6.8
		Day 57	2020-08-21 09:57 (26)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-19 10:06 (-7)	3.21		1.78 - 7.14
		Day 29	2020-07-27 11:08 (32)	3.57		1.78 - 7.14
		Day 57	2020-08-21 09:57 (26)	3.93		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-19 10:06 (-7)	10.0		7.8 - 26.7
		Day 29	2020-07-27 11:08 (32)	12.5		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071091	Urea Nitrogen/Creatinine	Day 57	2020-08-21 09:57 (26)	13.8		7.8 - 26.7
US2071093	Alanine Aminotransferase (U/L)	Screening	2020-06-22 09:09 (-7)	11		10 - 33
		Day 29	2020-07-29 09:49 (31)	14		10 - 33
		Day 57	2020-09-01 10:26 (35)	11		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-22 09:09 (-7)	43		30 - 115
		Day 29	2020-07-29 09:49 (31)	49		30 - 115
		Day 57	2020-09-01 10:26 (35)	44		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-22 09:09 (-7)	18		10 - 36
		Day 29	2020-07-29 09:49 (31)	21		10 - 36
		Day 57	2020-09-01 10:26 (35)	19		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-22 09:09 (-7)	9.1		- 18.8
		Day 29	2020-07-29 09:49 (31)	4.8		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071093	Bilirubin (umol/L)	Day 57	2020-09-01 10:26 (35)	5.5		- 18.8
	Creatinine (umol/L)	Screening	2020-06-22 09:09 (-7)	80		62 - 124
		Day 29	2020-07-29 09:49 (31)	71		62 - 124
		Day 57	2020-09-01 10:26 (35)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-22 09:09 (-7)	<3.4		0 - 6.8
		Day 29	2020-07-29 09:49 (31)	<3.4		0 - 6.8
		Day 57	2020-09-01 10:26 (35)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-22 09:09 (-7)	6.43		1.78 - 7.14
		Day 29	2020-07-29 09:49 (31)	5.35		1.78 - 7.14
		Day 57	2020-09-01 10:26 (35)	5.35		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-22 09:09 (-7)	20.0		7.8 - 26.7
		Day 29	2020-07-29 09:49 (31)	18.8		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071093	Urea Nitrogen/Creatinine	Day 57	2020-09-01 10:26 (35)	18.8		7.8 - 26.7
US2071095	Alanine Aminotransferase (U/L)	Screening	2020-06-23 14:50 (-6)	15		10 - 33
		Day 29	2020-07-28 10:27 (30)	18		10 - 33
		Day 57	2020-08-25 15:01 (29)	20		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-23 14:50 (-6)	75		30 - 115
		Day 29	2020-07-28 10:27 (30)	67		30 - 115
		Day 57	2020-08-25 15:01 (29)	71		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-23 14:50 (-6)	23		10 - 36
		Day 29	2020-07-28 10:27 (30)	25		10 - 36
		Day 57	2020-08-25 15:01 (29)	26		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-23 14:50 (-6)	3.8		- 18.8
		Day 29	2020-07-28 10:27 (30)	3.1		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071095	Bilirubin (umol/L)	Day 57	2020-08-25 15:01 (29)	3.9		- 18.8
	Creatinine (umol/L)	Screening	2020-06-23 14:50 (-6)	71		62 - 124
		Day 29	2020-07-28 10:27 (30)	71		62 - 124
		Day 57	2020-08-25 15:01 (29)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-23 14:50 (-6)	<3.4		0 - 6.8
		Day 29	2020-07-28 10:27 (30)	<3.4		0 - 6.8
		Day 57	2020-08-25 15:01 (29)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-23 14:50 (-6)	7.14		1.78 - 7.14
		Day 29	2020-07-28 10:27 (30)	4.28		1.78 - 7.14
		Day 57	2020-08-25 15:01 (29)	4.64		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-23 14:50 (-6)	25.0		7.8 - 26.7
		Day 29	2020-07-28 10:27 (30)	15.0		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071095	Urea Nitrogen/Creatinine	Day 57	2020-08-25 15:01 (29)	16.2		7.8 - 26.7
US2071096	Alanine Aminotransferase (U/L)	Screening	2020-06-24 10:58 (-8)	33		10 - 40
		Day 57	2020-09-04 10:37 (31)	23		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-24 10:58 (-8)	79		43 - 115
		Day 57	2020-09-04 10:37 (31)	71		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-24 10:58 (-8)	29		10 - 43
		Day 57	2020-09-04 10:37 (31)	21		10 - 43
	Bilirubin (umol/L)	Screening	2020-06-24 10:58 (-8)	5.0		- 18.8
		Day 57	2020-09-04 10:37 (31)	3.4		- 18.8
	Creatinine (umol/L)	Screening	2020-06-24 10:58 (-8)	62		62 - 124
		Day 57	2020-09-04 10:37 (31)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-24 10:58 (-8)	<3.4		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071096	Direct Bilirubin (umol/L)	Day 57	2020-09-04 10:37 (31)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-24 10:58 (-8)	6.07		1.78 - 7.14
		Day 57	2020-09-04 10:37 (31)	5.35		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-24 10:58 (-8)	24.3		7.8 - 26.7
		Day 57	2020-09-04 10:37 (31)	18.8		7.8 - 26.7
US2081001	Alanine Aminotransferase (U/L)	Screening	2020-05-26 10:04 (-3)	17		10 - 40
		Day 29	2020-06-24 07:45 (27)	28		10 - 40
		Day 57	2020-07-23 09:00 (30)	27		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-05-26 10:04 (-3)	60		43 - 115
		Day 29	2020-06-24 07:45 (27)	65		43 - 115
		Day 57	2020-07-23 09:00 (30)	62		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-26 10:04 (-3)	21		10 - 43

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081001	Aspartate Aminotransferase (U/L)	Day 29	2020-06-24 07:45 (27)	30		10 - 43
		Day 57	2020-07-23 09:00 (30)	26		10 - 43
	Bilirubin (umol/L)	Screening	2020-05-26 10:04 (-3)	3.8		- 18.8
		Day 29	2020-06-24 07:45 (27)	16.8		- 18.8
		Day 57	2020-07-23 09:00 (30)	4.6		- 18.8
	Creatinine (umol/L)	Screening	2020-05-26 10:04 (-3)	71		62 - 124
		Day 29	2020-06-24 07:45 (27)	71		62 - 124
		Day 57	2020-07-23 09:00 (30)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-26 10:04 (-3)	<3.4		0 - 6.8
		Day 29	2020-06-24 07:45 (27)	3.6		0 - 6.8
		Day 57	2020-07-23 09:00 (30)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-26 10:04 (-3)	6.07		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081001	Urea Nitrogen (mmol/L)	Day 29	2020-06-24 07:45 (27)	7.50 (H)		1.78 - 7.14
		Day 57	2020-07-23 09:00 (30)	5.35		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-26 10:04 (-3)	21.2		7.8 - 26.7
		Day 29	2020-06-24 07:45 (27)	26.2		7.8 - 26.7
		Day 57	2020-07-23 09:00 (30)	18.8		7.8 - 26.7
US2081002	Alanine Aminotransferase (U/L)	Screening	2020-05-26 10:00 (-3)	16		10 - 33
		Day 29	2020-06-25 08:30 (28)	15		10 - 33
		Day 57	2020-07-24 10:00 (30)	12		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-26 10:00 (-3)	54		30 - 115
		Day 29	2020-06-25 08:30 (28)	57		30 - 115
		Day 57	2020-07-24 10:00 (30)	55		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-26 10:00 (-3)	21		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081002	Aspartate Aminotransferase (U/L)	Day 29	2020-06-25 08:30 (28)	20		10 - 36
		Day 57	2020-07-24 10:00 (30)	19		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-26 10:00 (-3)	6.8		- 18.8
		Day 29	2020-06-25 08:30 (28)	6.7		- 18.8
		Day 57	2020-07-24 10:00 (30)	10.8		- 18.8
	Creatinine (umol/L)	Screening	2020-05-26 10:00 (-3)	53 (L)		62 - 124
		Day 29	2020-06-25 08:30 (28)	62		62 - 124
		Day 57	2020-07-24 10:00 (30)	44 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-26 10:00 (-3)	<3.4		0 - 6.8
		Day 29	2020-06-25 08:30 (28)	<3.4		0 - 6.8
		Day 57	2020-07-24 10:00 (30)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-26 10:00 (-3)	5.35		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081002	Urea Nitrogen (mmol/L)	Day 29	2020-06-25 08:30 (28)	3.93		1.78 - 7.14
		Day 57	2020-07-24 10:00 (30)	3.21		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-26 10:00 (-3)	25.0		7.8 - 26.7
		Day 29	2020-06-25 08:30 (28)	15.7		7.8 - 26.7
		Day 57	2020-07-24 10:00 (30)	18.0		7.8 - 26.7
US2081014	Alanine Aminotransferase (U/L)	Screening	2020-05-27 13:55 (-5)	10		10 - 33
		Day 29	2020-06-30 09:20 (30)	16		10 - 33
		Day 57	2020-07-28 09:13 (29)	11		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-27 13:55 (-5)	51		30 - 115
		Day 29	2020-06-30 09:20 (30)	48		30 - 115
		Day 57	2020-07-28 09:13 (29)	47		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-27 13:55 (-5)	18		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081014	Aspartate Aminotransferase (U/L)	Day 29	2020-06-30 09:20 (30)	19		10 - 36
		Day 57	2020-07-28 09:13 (29)	21		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-27 13:55 (-5)	6.7		- 18.8
		Day 29	2020-06-30 09:20 (30)	12.0		- 18.8
		Day 57	2020-07-28 09:13 (29)	7.0		- 18.8
	Creatinine (umol/L)	Screening	2020-05-27 13:55 (-5)	53 (L)		62 - 124
		Day 29	2020-06-30 09:20 (30)	44 (L)		62 - 124
		Day 57	2020-07-28 09:13 (29)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-27 13:55 (-5)	<3.4		0 - 6.8
		Day 29	2020-06-30 09:20 (30)	<3.4		0 - 6.8
		Day 57	2020-07-28 09:13 (29)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-05-27 13:55 (-5)	4.64		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081014	Urea Nitrogen (mmol/L)	Day 29	2020-06-30 09:20 (30)	5.35		1.78 - 7.14
		Day 57	2020-07-28 09:13 (29)	3.57		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-27 13:55 (-5)	21.7		7.8 - 26.7
		Day 29	2020-06-30 09:20 (30)	30.0 (H)		7.8 - 26.7
		Day 57	2020-07-28 09:13 (29)	16.7		7.8 - 26.7
US2081016	Alanine Aminotransferase (U/L)	Screening	2020-05-27 15:40 (-5)	47 (H)	G1 Alanine Aminotransferase Increased	10 - 33
		Day 29	2020-06-29 13:20 (29)	35 (H)		10 - 33
		Day 57	2020-07-28 11:10 (30)	24		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-27 15:40 (-5)	47		30 - 115
		Day 29	2020-06-29 13:20 (29)	52		30 - 115
		Day 57	2020-07-28 11:10 (30)	42		30 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081016	Aspartate Aminotransferase (U/L)	Screening	2020-05-27 15:40 (-5)	56 (H)	G1 Aspartate Aminotransferase Increased	10 - 36
		Day 29	2020-06-29 13:20 (29)	38 (H)		10 - 36
		Day 57	2020-07-28 11:10 (30)	36		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-27 15:40 (-5)	3.8		- 18.8
		Day 29	2020-06-29 13:20 (29)	5.1		- 18.8
		Day 57	2020-07-28 11:10 (30)	7.4		- 18.8
	Creatinine (umol/L)	Screening	2020-05-27 15:40 (-5)	53 (L)		62 - 124
		Day 29	2020-06-29 13:20 (29)	62		62 - 124
		Day 57	2020-07-28 11:10 (30)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-27 15:40 (-5)	<3.4		0 - 6.8
		Day 29	2020-06-29 13:20 (29)	<3.4		0 - 6.8
		Day 57	2020-07-28 11:10 (30)	<3.4		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081016	Urea Nitrogen (mmol/L)	Screening	2020-05-27 15:40 (-5)	7.50 (H)		1.78 - 7.14
		Day 29	2020-06-29 13:20 (29)	6.78		1.78 - 7.14
		Day 57	2020-07-28 11:10 (30)	5.35		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-27 15:40 (-5)	35.0 (H)		7.8 - 26.7
		Day 29	2020-06-29 13:20 (29)	27.1 (H)		7.8 - 26.7
		Day 57	2020-07-28 11:10 (30)	21.4		7.8 - 26.7
US2081019	Alanine Aminotransferase (U/L)	Screening	2020-05-28 10:02 (-5)	16		10 - 33
		Day 29	2020-06-30 09:25 (29)	10		10 - 33
		Day 57	2020-07-28 10:10 (29)	15		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-28 10:02 (-5)	49		30 - 115
		Day 29	2020-06-30 09:25 (29)	52		30 - 115
		Day 57	2020-07-28 10:10 (29)	45		30 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081019	Aspartate Aminotransferase (U/L)	Screening	2020-05-28 10:02 (-5)	21		10 - 36
		Day 29	2020-06-30 09:25 (29)	18		10 - 36
		Day 57	2020-07-28 10:10 (29)	21		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-28 10:02 (-5)	11.5		- 18.8
		Day 29	2020-06-30 09:25 (29)	5.5		- 18.8
		Day 57	2020-07-28 10:10 (29)	12.8		- 18.8
	Creatinine (umol/L)	Screening	2020-05-28 10:02 (-5)	53 (L)		62 - 124
		Day 29	2020-06-30 09:25 (29)	62		62 - 124
		Day 57	2020-07-28 10:10 (29)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-28 10:02 (-5)	<3.4		0 - 6.8
		Day 29	2020-06-30 09:25 (29)	<3.4		0 - 6.8
		Day 57	2020-07-28 10:10 (29)	<3.4		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081019	Urea Nitrogen (mmol/L)	Screening	2020-05-28 10:02 (-5)	4.64		1.78 - 7.14
		Day 29	2020-06-30 09:25 (29)	4.28		1.78 - 7.14
		Day 57	2020-07-28 10:10 (29)	5.71		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-28 10:02 (-5)	21.7		7.8 - 26.7
		Day 29	2020-06-30 09:25 (29)	17.1		7.8 - 26.7
		Day 57	2020-07-28 10:10 (29)	26.7		7.8 - 26.7
US2081035	Alanine Aminotransferase (U/L)	Screening	2020-05-29 13:46 (-4)	30		10 - 33
		Day 29	2020-07-01 11:10 (30)	17		10 - 33
		Day 57	2020-07-28 08:00 (28)	17		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-29 13:46 (-4)	57		30 - 115
		Day 29	2020-07-01 11:10 (30)	67		30 - 115
		Day 57	2020-07-28 08:00 (28)	63		30 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081035	Aspartate Aminotransferase (U/L)	Screening	2020-05-29 13:46 (-4)	23		10 - 36
		Day 29	2020-07-01 11:10 (30)	14		10 - 36
		Day 57	2020-07-28 08:00 (28)	20		10 - 36
	Bilirubin (umol/L)	Screening	2020-05-29 13:46 (-4)	5.1		- 18.8
		Day 29	2020-07-01 11:10 (30)	3.9		- 18.8
		Day 57	2020-07-28 08:00 (28)	5.1		- 18.8
	Creatinine (umol/L)	Screening	2020-05-29 13:46 (-4)	88		62 - 124
		Day 29	2020-07-01 11:10 (30)	44 (L)		62 - 124
		Day 57	2020-07-28 08:00 (28)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-29 13:46 (-4)	<3.4		0 - 6.8
		Day 29	2020-07-01 11:10 (30)	<3.4		0 - 6.8
		Day 57	2020-07-28 08:00 (28)	<3.4		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081035	Urea Nitrogen (mmol/L)	Screening	2020-05-29 13:46 (-4)	5.35		1.78 - 7.14
		Day 29	2020-07-01 11:10 (30)	7.14		1.78 - 7.14
		Day 57	2020-07-28 08:00 (28)	6.07		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-29 13:46 (-4)	15.0		7.8 - 26.7
		Day 29	2020-07-01 11:10 (30)	40.0 (H)		7.8 - 26.7
		Day 57	2020-07-28 08:00 (28)	28.3 (H)		7.8 - 26.7
US2081069	Alanine Aminotransferase (U/L)	Screening	2020-06-11 15:20 (-15)	13		10 - 33
		Unscheduled	2020-06-24 (-2)	12		10 - 33
		Day 29	2020-07-24 13:20 (29)	10		10 - 33
		Day 57	2020-08-24 14:40 (32)	11		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-11 15:20 (-15)	67		30 - 115
		Unscheduled	2020-06-24 (-2)	57		30 - 115
		Day 29	2020-07-24 13:20 (29)	53		30 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081069	Alkaline Phosphatase (U/L)	Day 57	2020-08-24 14:40 (32)	54		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-11 15:20 (-15)	17		10 - 36
		Unscheduled	2020-06-24 (-2)	17		10 - 36
		Day 29	2020-07-24 13:20 (29)	14		10 - 36
		Day 57	2020-08-24 14:40 (32)	13		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-11 15:20 (-15)	4.8		- 18.8
		Unscheduled	2020-06-24 (-2)	6.7		- 18.8
		Day 29	2020-07-24 13:20 (29)	5.6		- 18.8
		Day 57	2020-08-24 14:40 (32)	6.8		- 18.8
	Creatinine (umol/L)	Screening	2020-06-11 15:20 (-15)	71		62 - 124
		Unscheduled	2020-06-24 (-2)	80		62 - 124
		Day 29	2020-07-24 13:20 (29)	62		62 - 124
		Day 57	2020-08-24 14:40 (32)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-11 15:20 (-15)	<3.4		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081069	Direct Bilirubin (umol/L)	Unscheduled	2020-06-24 (-2)	<3.4		0 - 6.8
		Day 29	2020-07-24 13:20 (29)	<3.4		0 - 6.8
		Day 57	2020-08-24 14:40 (32)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-11 15:20 (-15)	8.57 (H)	G1 Blood Urea Nitrogen Increased	1.78 - 7.14
		Unscheduled	2020-06-24 (-2)	6.43		1.78 - 7.14
		Day 29	2020-07-24 13:20 (29)	8.21 (H)	G1 Blood Urea Nitrogen Increased	1.78 - 7.14
		Day 57	2020-08-24 14:40 (32)	6.78		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-11 15:20 (-15)	30.0 (H)		7.8 - 26.7
		Unscheduled	2020-06-24 (-2)	20.0		7.8 - 26.7
		Day 29	2020-07-24 13:20 (29)	32.9 (H)		7.8 - 26.7
		Day 57	2020-08-24 14:40 (32)	31.7 (H)		7.8 - 26.7
US2081072	Alanine Aminotransferase (U/L)	Screening	2020-06-15 09:55 (-11)	13		10 - 40

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081072	Alanine Aminotransferase (U/L)	Day 29	2020-07-24 11:05 (29)	16		10 - 40
		Day 57	2020-08-21 10:03 (29)	14		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-15 09:55 (-11)	73		43 - 115
		Day 29	2020-07-24 11:05 (29)	81		43 - 115
		Day 57	2020-08-21 10:03 (29)	76		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-15 09:55 (-11)	18		10 - 43
		Day 29	2020-07-24 11:05 (29)	17		10 - 43
		Day 57	2020-08-21 10:03 (29)	19		10 - 43
	Bilirubin (umol/L)	Screening	2020-06-15 09:55 (-11)	5.8		- 18.8
		Day 29	2020-07-24 11:05 (29)	5.5		- 18.8
		Day 57	2020-08-21 10:03 (29)	6.0		- 18.8
	Creatinine (umol/L)	Screening	2020-06-15 09:55 (-11)	71		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081072	Creatinine (umol/L)	Day 29	2020-07-24 11:05 (29)	62		62 - 124
		Day 57	2020-08-21 10:03 (29)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-15 09:55 (-11)	<3.4		0 - 6.8
		Day 29	2020-07-24 11:05 (29)	<3.4		0 - 6.8
		Day 57	2020-08-21 10:03 (29)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-15 09:55 (-11)	7.14		1.78 - 7.14
		Day 29	2020-07-24 11:05 (29)	7.50 (H)		1.78 - 7.14
		Day 57	2020-08-21 10:03 (29)	7.50 (H)		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-15 09:55 (-11)	25.0		7.8 - 26.7
		Day 29	2020-07-24 11:05 (29)	30.0 (H)		7.8 - 26.7
		Day 57	2020-08-21 10:03 (29)	26.2		7.8 - 26.7
US2081075	Alanine Aminotransferase (U/L)	Screening	2020-06-15 13:50 (-15)	23		10 - 40

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081075	Alanine Aminotransferase (U/L)	Day 29	2020-07-29 09:25 (30)	27		10 - 40
		Day 57	2020-08-26 10:42 (29)	23		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-15 13:50 (-15)	97		43 - 115
		Day 29	2020-07-29 09:25 (30)	79		43 - 115
		Day 57	2020-08-26 10:42 (29)	77		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-15 13:50 (-15)	22		10 - 43
		Day 29	2020-07-29 09:25 (30)	20		10 - 43
		Day 57	2020-08-26 10:42 (29)	23		10 - 43
	Bilirubin (umol/L)	Screening	2020-06-15 13:50 (-15)	6.7		- 18.8
		Day 29	2020-07-29 09:25 (30)	9.7		- 18.8
		Day 57	2020-08-26 10:42 (29)	9.4		- 18.8
	Creatinine (umol/L)	Screening	2020-06-15 13:50 (-15)	80		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081075	Creatinine (umol/L)	Day 29	2020-07-29 09:25 (30)	88		62 - 124
		Day 57	2020-08-26 10:42 (29)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-15 13:50 (-15)	<3.4		0 - 6.8
		Day 29	2020-07-29 09:25 (30)	<3.4		0 - 6.8
		Day 57	2020-08-26 10:42 (29)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-15 13:50 (-15)	5.35		1.78 - 7.14
		Day 29	2020-07-29 09:25 (30)	6.78		1.78 - 7.14
		Day 57	2020-08-26 10:42 (29)	5.00		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-15 13:50 (-15)	16.7		7.8 - 26.7
		Day 29	2020-07-29 09:25 (30)	19.0		7.8 - 26.7
		Day 57	2020-08-26 10:42 (29)	17.5		7.8 - 26.7
US2081076	Alanine Aminotransferase (U/L)	Screening	2020-06-16 12:06 (-15)	35 (H)		10 - 33

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081076	Alanine Aminotransferase (U/L)	Day 29	2020-08-05 14:10 (36)	18		10 - 33
		Day 57	2020-09-03 15:17 (30)	33		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-16 12:06 (-15)	68		30 - 115
		Day 29	2020-08-05 14:10 (36)	56		30 - 115
		Day 57	2020-09-03 15:17 (30)	72		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-16 12:06 (-15)	37 (H)		10 - 36
		Day 29	2020-08-05 14:10 (36)	20		10 - 36
		Day 57	2020-09-03 15:17 (30)	29		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-16 12:06 (-15)	11.8		- 18.8
		Day 29	2020-08-05 14:10 (36)	5.8		- 18.8
		Day 57	2020-09-03 15:17 (30)	5.5		- 18.8
	Creatinine (umol/L)	Screening	2020-06-16 12:06 (-15)	62		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081076	Creatinine (umol/L)	Day 29	2020-08-05 14:10 (36)	62		62 - 124
		Day 57	2020-09-03 15:17 (30)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-16 12:06 (-15)	<3.4		0 - 6.8
		Day 29	2020-08-05 14:10 (36)	<3.4		0 - 6.8
		Day 57	2020-09-03 15:17 (30)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-16 12:06 (-15)	5.00		1.78 - 7.14
		Day 29	2020-08-05 14:10 (36)	6.07		1.78 - 7.14
		Day 57	2020-09-03 15:17 (30)	6.43		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-16 12:06 (-15)	20.0		7.8 - 26.7
		Day 29	2020-08-05 14:10 (36)	24.3		7.8 - 26.7
		Day 57	2020-09-03 15:17 (30)	25.7		7.8 - 26.7
US2081081	Alanine Aminotransferase (U/L)	Screening	2020-06-17 10:49 (-12)	36 (H)		10 - 33

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081081	Alanine Aminotransferase (U/L)	Day 29	2020-07-29 09:30 (31)	45 (H)	G1 Alanine Aminotransferase Increased	10 - 33
		Day 57	2020-08-27 10:42 (30)	49 (H)	G1 Alanine Aminotransferase Increased	10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-17 10:49 (-12)	111		30 - 115
		Day 29	2020-07-29 09:30 (31)	103		30 - 115
		Day 57	2020-08-27 10:42 (30)	116 (H)		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-17 10:49 (-12)	30		10 - 36
		Day 29	2020-07-29 09:30 (31)	35		10 - 36
		Day 57	2020-08-27 10:42 (30)	39 (H)		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-17 10:49 (-12)	8.6		- 18.8
		Day 29	2020-07-29 09:30 (31)	6.8		- 18.8
		Day 57	2020-08-27 10:42 (30)	6.7		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081081	Creatinine (umol/L)	Screening	2020-06-17 10:49 (-12)	53 (L)		62 - 124
		Day 29	2020-07-29 09:30 (31)	53 (L)		62 - 124
		Day 57	2020-08-27 10:42 (30)	44 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-17 10:49 (-12)	<3.4		0 - 6.8
		Day 29	2020-07-29 09:30 (31)	<3.4		0 - 6.8
		Day 57	2020-08-27 10:42 (30)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-17 10:49 (-12)	3.21		1.78 - 7.14
		Day 29	2020-07-29 09:30 (31)	3.93		1.78 - 7.14
		Day 57	2020-08-27 10:42 (30)	2.50		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-17 10:49 (-12)	15.0		7.8 - 26.7
		Day 29	2020-07-29 09:30 (31)	18.3		7.8 - 26.7
		Day 57	2020-08-27 10:42 (30)	14.0		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081088	Alanine Aminotransferase (U/L)	Screening	2020-06-18 13:41 (-14)	16		10 - 40
		Day 29	2020-08-03 07:23 (33)	20		10 - 40
		Day 57	2020-08-31 10:37 (29)	18		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-18 13:41 (-14)	62		43 - 115
		Day 29	2020-08-03 07:23 (33)	54		43 - 115
		Day 57	2020-08-31 10:37 (29)	59		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-18 13:41 (-14)	20		10 - 43
		Day 29	2020-08-03 07:23 (33)	31		10 - 43
		Day 57	2020-08-31 10:37 (29)	21		10 - 43
	Bilirubin (umol/L)	Screening	2020-06-18 13:41 (-14)	7.7		- 18.8
		Day 29	2020-08-03 07:23 (33)	5.6		- 18.8
		Day 57	2020-08-31 10:37 (29)	5.8		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081088	Creatinine (umol/L)	Screening	2020-06-18 13:41 (-14)	71		62 - 124
		Day 29	2020-08-03 07:23 (33)	71		62 - 124
		Day 57	2020-08-31 10:37 (29)	80		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-18 13:41 (-14)	<3.4		0 - 6.8
		Day 29	2020-08-03 07:23 (33)	<3.4		0 - 6.8
		Day 57	2020-08-31 10:37 (29)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Day 57	2020-08-31 (61)	8.5		1.5 - 12.4
	Urea Nitrogen (mmol/L)	Screening	2020-06-18 13:41 (-14)	4.64		1.78 - 7.14
		Day 29	2020-08-03 07:23 (33)	5.00		1.78 - 7.14
		Day 57	2020-08-31 10:37 (29)	5.35		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-18 13:41 (-14)	16.2		7.8 - 26.7
		Day 29	2020-08-03 07:23 (33)	17.5		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081088	Urea Nitrogen/Creatinine	Day 57	2020-08-31 10:37 (29)	16.7		7.8 - 26.7
US2081091	Alanine Aminotransferase (U/L)	Screening	2020-06-19 09:06 (-14)	16		10 - 33
		Day 29	2020-08-03 09:06 (32)	18		10 - 33
		Day 57	2020-08-31 15:20 (29)	18		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-19 09:06 (-14)	69		30 - 115
		Day 29	2020-08-03 09:06 (32)	67		30 - 115
		Day 57	2020-08-31 15:20 (29)	76		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-19 09:06 (-14)	21		10 - 36
		Day 29	2020-08-03 09:06 (32)	23		10 - 36
		Day 57	2020-08-31 15:20 (29)	21		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-19 09:06 (-14)	6.3		- 18.8
		Day 29	2020-08-03 09:06 (32)	3.4		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081091	Bilirubin (umol/L)	Day 57	2020-08-31 15:20 (29)	4.1		- 18.8
	Creatinine (umol/L)	Screening	2020-06-19 09:06 (-14)	71		62 - 124
		Day 29	2020-08-03 09:06 (32)	71		62 - 124
		Day 57	2020-08-31 15:20 (29)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-19 09:06 (-14)	<3.4		0 - 6.8
		Day 29	2020-08-03 09:06 (32)	<3.4		0 - 6.8
		Day 57	2020-08-31 15:20 (29)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-19 09:06 (-14)	6.43		1.78 - 7.14
		Day 29	2020-08-03 09:06 (32)	5.71		1.78 - 7.14
		Day 57	2020-08-31 15:20 (29)	5.71		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-19 09:06 (-14)	22.5		7.8 - 26.7
		Day 29	2020-08-03 09:06 (32)	20.0		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081091	Urea Nitrogen/Creatinine	Day 57	2020-08-31 15:20 (29)	22.9		7.8 - 26.7
US2081093	Alanine Aminotransferase (U/L)	Screening	2020-06-19 12:24 (-13)	22		10 - 33
		Day 29	2020-08-03 11:32 (33)	24		10 - 33
		Day 57	2020-09-01 11:29 (30)	21		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-19 12:24 (-13)	99		30 - 115
		Day 29	2020-08-03 11:32 (33)	104		30 - 115
		Day 57	2020-09-01 11:29 (30)	103		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-19 12:24 (-13)	27		10 - 36
		Day 29	2020-08-03 11:32 (33)	24		10 - 36
		Day 57	2020-09-01 11:29 (30)	21		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-19 12:24 (-13)	17.6		- 18.8
		Day 29	2020-08-03 11:32 (33)	14.9		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081093	Bilirubin (umol/L)	Day 57	2020-09-01 11:29 (30)	15.9		- 18.8
	Creatinine (umol/L)	Screening	2020-06-19 12:24 (-13)	53 (L)		62 - 124
		Day 29	2020-08-03 11:32 (33)	53 (L)		62 - 124
		Day 57	2020-09-01 11:29 (30)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-19 12:24 (-13)	4.3		0 - 6.8
		Day 29	2020-08-03 11:32 (33)	<3.4		0 - 6.8
		Day 57	2020-09-01 11:29 (30)	3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-19 12:24 (-13)	5.00		1.78 - 7.14
		Day 29	2020-08-03 11:32 (33)	5.71		1.78 - 7.14
		Day 57	2020-09-01 11:29 (30)	4.28		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-19 12:24 (-13)	23.3		7.8 - 26.7
		Day 29	2020-08-03 11:32 (33)	26.7		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081093	Urea Nitrogen/Creatinine	Day 57	2020-09-01 11:29 (30)	20.0		7.8 - 26.7
US2081099	Alanine Aminotransferase (U/L)	Screening	2020-06-22 10:52 (-4)	16		10 - 33
		Day 29	2020-07-29 07:28 (34)	15		10 - 33
		Day 57	2020-08-26 09:47 (29)	21		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-22 10:52 (-4)	61		30 - 115
		Day 29	2020-07-29 07:28 (34)	57		30 - 115
		Day 57	2020-08-26 09:47 (29)	55		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-22 10:52 (-4)	24		10 - 36
		Day 29	2020-07-29 07:28 (34)	24		10 - 36
		Day 57	2020-08-26 09:47 (29)	24		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-22 10:52 (-4)	8.6		- 18.8
		Day 29	2020-07-29 07:28 (34)	6.0		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081099	Bilirubin (umol/L)	Day 57	2020-08-26 09:47 (29)	3.8		- 18.8
	Creatinine (umol/L)	Screening	2020-06-22 10:52 (-4)	62		62 - 124
		Day 29	2020-07-29 07:28 (34)	53 (L)		62 - 124
		Day 57	2020-08-26 09:47 (29)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-22 10:52 (-4)	<3.4		0 - 6.8
		Day 29	2020-07-29 07:28 (34)	<3.4		0 - 6.8
		Day 57	2020-08-26 09:47 (29)	<3.4		0 - 6.8
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-22 10:52 (-4)	72.7 (H)		1.7 - 21.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-22 10:52 (-4)	5.35		1.78 - 7.14
		Day 29	2020-07-29 07:28 (34)	5.71		1.78 - 7.14
		Day 57	2020-08-26 09:47 (29)	5.00		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-22 10:52 (-4)	21.4		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081099	Urea Nitrogen/Creatinine	Day 29	2020-07-29 07:28 (34)	26.7		7.8 - 26.7
		Day 57	2020-08-26 09:47 (29)	20.0		7.8 - 26.7
US2081108	Alanine Aminotransferase (U/L)	Screening	2020-06-23 13:35 (-10)	17		10 - 33
		Day 29	2020-07-31 11:15 (29)	17		10 - 33
		Day 57	2020-08-28 14:48 (29)	17		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-23 13:35 (-10)	64		30 - 115
		Day 29	2020-07-31 11:15 (29)	62		30 - 115
		Day 57	2020-08-28 14:48 (29)	60		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-23 13:35 (-10)	24		10 - 36
		Day 29	2020-07-31 11:15 (29)	19		10 - 36
		Day 57	2020-08-28 14:48 (29)	20		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-23 13:35 (-10)	26.5 (H)	G1 Bilirubin Increased	- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081108	Bilirubin (umol/L)	Day 29	2020-07-31 11:15 (29)	21.5 (H)	G1 Bilirubin Increased	- 18.8
		Day 57	2020-08-28 14:48 (29)	16.4		- 18.8
	Creatinine (umol/L)	Screening	2020-06-23 13:35 (-10)	53 (L)		62 - 124
		Day 29	2020-07-31 11:15 (29)	53 (L)		62 - 124
		Day 57	2020-08-28 14:48 (29)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-23 13:35 (-10)	5.3		0 - 6.8
		Day 29	2020-07-31 11:15 (29)	5.8		0 - 6.8
		Day 57	2020-08-28 14:48 (29)	5.1		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-23 13:35 (-10)	4.28		1.78 - 7.14
		Day 29	2020-07-31 11:15 (29)	3.57		1.78 - 7.14
		Day 57	2020-08-28 14:48 (29)	5.00		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-23 13:35 (-10)	20.0		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081108	Urea Nitrogen/Creatinine	Day 29	2020-07-31 11:15 (29)	16.7		7.8 - 26.7
		Day 57	2020-08-28 14:48 (29)	23.3		7.8 - 26.7
US2081116	Alanine Aminotransferase (U/L)	Screening	2020-06-24 10:50 (-5)	10		10 - 40
		Day 29	2020-07-29 11:34 (31)	9 (L)		10 - 40
		Day 57	2020-08-27 11:29 (30)	9 (L)		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-24 10:50 (-5)	40 (L)		43 - 115
		Day 29	2020-07-29 11:34 (31)	36 (L)		43 - 115
		Day 57	2020-08-27 11:29 (30)	40 (L)		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-24 10:50 (-5)	18		10 - 43
		Day 29	2020-07-29 11:34 (31)	17		10 - 43
		Day 57	2020-08-27 11:29 (30)	16		10 - 43
	Bilirubin (umol/L)	Screening	2020-06-24 10:50 (-5)	6.3		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081116	Bilirubin (umol/L)	Day 29	2020-07-29 11:34 (31)	8.2		- 18.8
		Day 57	2020-08-27 11:29 (30)	6.8		- 18.8
	Creatinine (umol/L)	Screening	2020-06-24 10:50 (-5)	80		62 - 124
		Day 29	2020-07-29 11:34 (31)	71		62 - 124
		Day 57	2020-08-27 11:29 (30)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-24 10:50 (-5)	<3.4		0 - 6.8
		Day 29	2020-07-29 11:34 (31)	<3.4		0 - 6.8
		Day 57	2020-08-27 11:29 (30)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-24 10:50 (-5)	5.71		1.78 - 7.14
		Day 29	2020-07-29 11:34 (31)	5.71		1.78 - 7.14
		Day 57	2020-08-27 11:29 (30)	6.43		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-24 10:50 (-5)	17.8		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081116	Urea Nitrogen/Creatinine	Day 29	2020-07-29 11:34 (31)	20.0		7.8 - 26.7
		Day 57	2020-08-27 11:29 (30)	22.5		7.8 - 26.7
US2081117	Alanine Aminotransferase (U/L)	Screening	2020-06-24 12:05 (-12)	32		10 - 33
		Day 29	2020-08-11 14:27 (37)	29		10 - 33
		Day 57	2020-09-08 11:58 (29)	23		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-24 12:05 (-12)	67		30 - 115
		Day 29	2020-08-11 14:27 (37)	73		30 - 115
		Day 57	2020-09-08 11:58 (29)	69		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-24 12:05 (-12)	44 (H)	G1 Aspartate Aminotransferase Increased	10 - 36
		Day 29	2020-08-11 14:27 (37)	32		10 - 36
		Day 57	2020-09-08 11:58 (29)	33		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081117	Bilirubin (umol/L)	Screening	2020-06-24 12:05 (-12)	8.9		- 18.8
		Day 29	2020-08-11 14:27 (37)	4.1		- 18.8
		Day 57	2020-09-08 11:58 (29)	4.8		- 18.8
	Creatinine (umol/L)	Screening	2020-06-24 12:05 (-12)	44 (L)		62 - 124
		Day 29	2020-08-11 14:27 (37)	35 (L)		62 - 124
		Day 57	2020-09-08 11:58 (29)	44 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-24 12:05 (-12)	<3.4		0 - 6.8
		Day 29	2020-08-11 14:27 (37)	<3.4		0 - 6.8
		Day 57	2020-09-08 11:58 (29)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-24 12:05 (-12)	6.43		1.78 - 7.14
		Day 29	2020-08-11 14:27 (37)	7.50 (H)		1.78 - 7.14
		Day 57	2020-09-08 11:58 (29)	7.50 (H)		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081117	Urea Nitrogen/Creatinine	Screening	2020-06-24 12:05 (-12)	36.0 (H)		7.8 - 26.7
		Day 29	2020-08-11 14:27 (37)	52.5 (H)		7.8 - 26.7
		Day 57	2020-09-08 11:58 (29)	42.0 (H)		7.8 - 26.7
US2081120	Alanine Aminotransferase (U/L)	Screening	2020-06-24 13:38 (-7)	18		10 - 40
		Day 29	2020-07-29 13:11 (29)	16		10 - 40
		Day 57	2020-08-26 11:27 (29)	18		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-24 13:38 (-7)	62		43 - 115
		Day 29	2020-07-29 13:11 (29)	67		43 - 115
		Day 57	2020-08-26 11:27 (29)	65		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-24 13:38 (-7)	26		10 - 43
		Day 29	2020-07-29 13:11 (29)	24		10 - 43
		Day 57	2020-08-26 11:27 (29)	23		10 - 43

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081120	Bilirubin (umol/L)	Screening	2020-06-24 13:38 (-7)	15.0		- 18.8
		Day 29	2020-07-29 13:11 (29)	9.4		- 18.8
		Day 57	2020-08-26 11:27 (29)	13.0		- 18.8
	Creatinine (umol/L)	Screening	2020-06-24 13:38 (-7)	88		62 - 124
		Day 29	2020-07-29 13:11 (29)	80		62 - 124
		Day 57	2020-08-26 11:27 (29)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-24 13:38 (-7)	<3.4		0 - 6.8
		Day 29	2020-07-29 13:11 (29)	<3.4		0 - 6.8
		Day 57	2020-08-26 11:27 (29)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-24 13:38 (-7)	5.71		1.78 - 7.14
		Day 29	2020-07-29 13:11 (29)	3.57		1.78 - 7.14
		Day 57	2020-08-26 11:27 (29)	4.28		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081120	Urea Nitrogen/Creatinine	Screening	2020-06-24 13:38 (-7)	16.0		7.8 - 26.7
		Day 29	2020-07-29 13:11 (29)	11.1		7.8 - 26.7
		Day 57	2020-08-26 11:27 (29)	15.0		7.8 - 26.7
US2081121	Alanine Aminotransferase (U/L)	Screening	2020-06-24 15:40 (-12)	13		10 - 33
		Day 29	2020-08-10 12:15 (36)	14		10 - 33
		Day 57	2020-09-04 13:43 (26)	12		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-24 15:40 (-12)	46		30 - 115
		Day 29	2020-08-10 12:15 (36)	57		30 - 115
		Day 57	2020-09-04 13:43 (26)	48		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-24 15:40 (-12)	17		10 - 36
		Day 29	2020-08-10 12:15 (36)	14		10 - 36
		Day 57	2020-09-04 13:43 (26)	17		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081121	Bilirubin (umol/L)	Screening	2020-06-24 15:40 (-12)	5.0		- 18.8
		Day 29	2020-08-10 12:15 (36)	4.6		- 18.8
		Day 57	2020-09-04 13:43 (26)	3.6		- 18.8
	Creatinine (umol/L)	Screening	2020-06-24 15:40 (-12)	80		62 - 124
		Day 29	2020-08-10 12:15 (36)	62		62 - 124
		Day 57	2020-09-04 13:43 (26)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-24 15:40 (-12)	<3.4		0 - 6.8
		Day 29	2020-08-10 12:15 (36)	<3.4		0 - 6.8
		Day 57	2020-09-04 13:43 (26)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-24 15:40 (-12)	5.35		1.78 - 7.14
		Day 29	2020-08-10 12:15 (36)	5.00		1.78 - 7.14
		Day 57	2020-09-04 13:43 (26)	4.64		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081121	Urea Nitrogen/Creatinine	Screening	2020-06-24 15:40 (-12)	16.7		7.8 - 26.7
		Day 29	2020-08-10 12:15 (36)	20.0		7.8 - 26.7
		Day 57	2020-09-04 13:43 (26)	18.6		7.8 - 26.7
US2081129	Alanine Aminotransferase (U/L)	Screening	2020-06-25 15:20 (-7)	18		10 - 33
		Day 29	2020-08-03 13:23 (33)	18		10 - 33
		Unscheduled	2020-08-10 13:45 (8)	27		10 - 33
		Day 57	2020-08-31 13:56 (29)	21		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-25 15:20 (-7)	77		30 - 115
		Day 29	2020-08-03 13:23 (33)	67		30 - 115
		Unscheduled	2020-08-10 13:45 (8)	82		30 - 115
		Day 57	2020-08-31 13:56 (29)	78		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-25 15:20 (-7)	18		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081129	Aspartate Aminotransferase (U/L)	Day 29	2020-08-03 13:23 (33)	14		10 - 36
		Unscheduled	2020-08-10 13:45 (8)	20		10 - 36
		Day 57	2020-08-31 13:56 (29)	16		10 - 36
	Bilirubin (umol/L)	Screening	2020-06-25 15:20 (-7)	4.8		- 18.8
		Day 29	2020-08-03 13:23 (33)	5.8		- 18.8
		Unscheduled	2020-08-10 13:45 (8)	6.0		- 18.8
		Day 57	2020-08-31 13:56 (29)	3.4		- 18.8
	Creatinine (umol/L)	Screening	2020-06-25 15:20 (-7)	71		62 - 124
		Day 29	2020-08-03 13:23 (33)	71		62 - 124
		Unscheduled	2020-08-10 13:45 (8)	71		62 - 124
		Day 57	2020-08-31 13:56 (29)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-25 15:20 (-7)	<3.4		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.3
Chemistry Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081129	Direct Bilirubin (umol/L)	Day 29	2020-08-03 13:23 (33)	<3.4		0 - 6.8
		Unscheduled	2020-08-10 13:45 (8)	<3.4		0 - 6.8
		Day 57	2020-08-31 13:56 (29)	<3.4		0 - 6.8
	Urea Nitrogen (mmol/L)	Screening	2020-06-25 15:20 (-7)	3.57		1.78 - 7.14
		Day 29	2020-08-03 13:23 (33)	4.28		1.78 - 7.14
		Unscheduled	2020-08-10 13:45 (8)	3.93		1.78 - 7.14
		Day 57	2020-08-31 13:56 (29)	2.86		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-25 15:20 (-7)	12.5		7.8 - 26.7
		Day 29	2020-08-03 13:23 (33)	15.0		7.8 - 26.7
		Unscheduled	2020-08-10 13:45 (8)	13.8		7.8 - 26.7
		Day 57	2020-08-31 13:56 (29)	10.0		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020803.sas 19NOV2020 01:48 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071022	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-26 09:43 (-8)	36.5		25.1 - 36.5
		Day 57	2020-08-06 (65)	38.0 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-05-26 09:43 (-8)	40		10 - 40
		Day 57	2020-08-06 (65)	9 (L)		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-05-26 09:43 (-8)	70		43 - 115
		Day 57	2020-08-06 (65)	52		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-26 09:43 (-8)	24		10 - 43
		Day 57	2020-08-06 (65)	12		10 - 43
	Basophils (10^9/L)	Screening	2020-05-26 09:43 (-8)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-26 09:43 (-8)	0.3		0 - 3
	Bilirubin (umol/L)	Screening	2020-05-26 09:43 (-8)	6.3		- 18.8
		Day 57	2020-08-06 (65)	3.8		- 18.8
	Creatinine (umol/L)	Screening	2020-05-26 09:43 (-8)	71		62 - 124
		Day 57	2020-08-06 (65)	53 (L)		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071022	Direct Bilirubin (umol/L)	Screening	2020-05-26 09:43 (-8)	<3.4		0 - 6.8
		Day 57	2020-08-06 (65)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-05-26 09:43 (-8)	0.07		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-26 09:43 (-8)	0.9		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-26 09:43 (-8)	4.96		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-05-26 09:43 (-8)	0.467		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-05-26 09:43 (-8)	148		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-05-26 09:43 (-8)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-26 09:43 (-8)	0.1		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-26 09:43 (-8)	7.43		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-26 09:43 (-8)	2.55		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-26 09:43 (-8)	34.3		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-26 09:43 (-8)	0.58		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071022	Monocytes/Leukocytes (%)	Screening	2020-05-26 09:43 (-8)	7.8		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-26 09:43 (-8)	4.20		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-26 09:43 (-8)	56.6		34 - 71
	Platelets (10^9/L)	Screening	2020-05-26 09:43 (-8)	203		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-26 09:43 (-8)	1.0		0.9 - 1.1
		Day 57	2020-08-06 (65)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-26 09:43 (-8)	11.9		9.4 - 12.5
		Day 57	2020-08-06 (65)	11.8		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-05-26 09:43 (-8)	3.93		1.78 - 7.14
		Day 57	2020-08-06 (65)	2.86		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-26 09:43 (-8)	13.8		7.8 - 26.7
		Day 57	2020-08-06 (65)	13.3		7.8 - 26.7
US2081058	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-04 09:07 (-4)	33.0		25.1 - 36.5
		Day 29	2020-07-06 (29)	31.4		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081058	Alanine Aminotransferase (U/L)	Screening	2020-06-04 09:07 (-4)	11		10 - 33
		Day 29	2020-07-06 (29)	9 (L)		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-04 09:07 (-4)	107		30 - 115
		Day 29	2020-07-06 (29)	91		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-04 09:07 (-4)	18		10 - 36
		Day 29	2020-07-06 (29)	14		10 - 36
	Basophils (10^9/L)	Screening	2020-06-04 09:07 (-4)	0.03		0 - 0.3
		Day 29	2020-07-06 (29)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-04 09:07 (-4)	0.5		0 - 3
		Day 29	2020-07-06 (29)	0.5		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-04 09:07 (-4)	10.8		- 18.8
		Day 29	2020-07-06 (29)	8.4		- 18.8
	Creatinine (umol/L)	Screening	2020-06-04 09:07 (-4)	62		62 - 124
		Day 29	2020-07-06 (29)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-04 09:07 (-4)	<3.4		0 - 6.8
		Day 29	2020-07-06 (29)	<3.4		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081058	Eosinophils (10^9/L)	Screening	2020-06-04 09:07 (-4)	0.13		0 - 0.8
		Day 29	2020-07-06 (29)	0.11		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-04 09:07 (-4)	2.3		0 - 7
		Day 29	2020-07-06 (29)	1.9		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-04 09:07 (-4)	4.65		3.7 - 5.2
		Day 29	2020-07-06 (29)	4.34		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-04 09:07 (-4)	0.449		0.33 - 0.47
		Day 29	2020-07-06 (29)	0.423		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-04 09:07 (-4)	140		110 - 155
		Day 29	2020-07-06 (29)	128	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-04 09:07 (-4)	0.05		0 - 0.07
		Day 29	2020-07-06 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-04 09:07 (-4)	0.9		0 - 1
		Day 29	2020-07-06 (29)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-04 09:07 (-4)	5.59		3.7 - 11
		Day 29	2020-07-06 (29)	5.65		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081058	Lymphocytes (10^9/L)	Screening	2020-06-04 09:07 (-4)	1.56		0.9 - 3.6
		Day 29	2020-07-06 (29)	1.56		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-04 09:07 (-4)	27.9		12 - 46
		Day 29	2020-07-06 (29)	27.6		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-04 09:07 (-4)	0.38		0 - 1.2
		Day 29	2020-07-06 (29)	0.43		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-04 09:07 (-4)	6.8		0 - 11
		Day 29	2020-07-06 (29)	7.6		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-04 09:07 (-4)	3.44		1.7 - 7.9
		Day 29	2020-07-06 (29)	3.51		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-04 09:07 (-4)	61.6		34 - 71
		Day 29	2020-07-06 (29)	62.2		34 - 71
	Platelets (10^9/L)	Screening	2020-06-04 09:07 (-4)	302		163 - 375
		Day 29	2020-07-06 (29)	271		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-04 09:07 (-4)	0.9		0.9 - 1.1
		Day 29	2020-07-06 (29)	1.0		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081058	Prothrombin Time (sec)	Screening	2020-06-04 09:07 (-4)	10.4		9.4 - 12.5
		Day 29	2020-07-06 (29)	11.1		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-04 09:07 (-4)	5.00		1.78 - 7.14
		Day 29	2020-07-06 (29)	5.35		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-04 09:07 (-4)	20.0		7.8 - 26.7
		Day 29	2020-07-06 (29)	25.0		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081059	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-04 10:42 (-4)	35.8		25.1 - 36.5
		Unscheduled	2020-08-10 11:58 (29)	32.9		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-04 10:42 (-4)	12		10 - 33
		Unscheduled	2020-08-10 11:58 (29)	9 (L)		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-04 10:42 (-4)	61		30 - 115
		Unscheduled	2020-08-10 11:58 (29)	55		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-04 10:42 (-4)	17		10 - 36
		Unscheduled	2020-08-10 11:58 (29)	15		10 - 36
	Basophils (10^9/L)	Screening	2020-06-04 10:42 (-4)	<0.03		0 - 0.3
		Unscheduled	2020-08-10 11:58 (29)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-04 10:42 (-4)	0.4		0 - 3
		Unscheduled	2020-08-10 11:58 (29)	0.3		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081059	Bilirubin (umol/L)	Screening	2020-06-04 10:42 (-4)	18.8		- 18.8
		Unscheduled	2020-08-10 11:58 (29)	10.6		- 18.8
	Creatinine (umol/L)	Screening	2020-06-04 10:42 (-4)	53 (L)		62 - 124
		Unscheduled	2020-08-10 11:58 (29)	44 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-04 10:42 (-4)	4.3		0 - 6.8
		Unscheduled	2020-08-10 11:58 (29)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-04 10:42 (-4)	0.07		0 - 0.8
		Unscheduled	2020-08-10 11:58 (29)	0.09		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-04 10:42 (-4)	1.3		0 - 7
		Unscheduled	2020-08-10 11:58 (29)	1.2		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-04 10:42 (-4)	4.39		3.7 - 5.2
		Unscheduled	2020-08-10 11:58 (29)	3.94		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081059	Hematocrit (L/L)	Screening	2020-06-04 10:42 (-4)	0.441		0.33 - 0.47
		Unscheduled	2020-08-10 11:58 (29)	0.408		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-04 10:42 (-4)	144		110 - 155
		Unscheduled	2020-08-10 11:58 (29)	125	G2 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-04 10:42 (-4)	<0.03		0 - 0.07
		Unscheduled	2020-08-10 11:58 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-04 10:42 (-4)	0.2		0 - 1
		Unscheduled	2020-08-10 11:58 (29)	0.1		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-04 10:42 (-4)	5.47		3.7 - 11
		Unscheduled	2020-08-10 11:58 (29)	7.24		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-04 10:42 (-4)	1.60		0.9 - 3.6
		Unscheduled	2020-08-10 11:58 (29)	1.75		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081059	Lymphocytes/Leukocytes (%)	Screening	2020-06-04 10:42 (-4)	29.3		12 - 46
		Unscheduled	2020-08-10 11:58 (29)	24.2		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-04 10:42 (-4)	0.44		0 - 1.2
		Unscheduled	2020-08-10 11:58 (29)	0.54		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-04 10:42 (-4)	8.0		0 - 11
		Unscheduled	2020-08-10 11:58 (29)	7.5		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-04 10:42 (-4)	3.33		1.7 - 7.9
		Unscheduled	2020-08-10 11:58 (29)	4.83		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-04 10:42 (-4)	60.8		34 - 71
		Unscheduled	2020-08-10 11:58 (29)	66.7		34 - 71
	Platelets (10^9/L)	Screening	2020-06-04 10:42 (-4)	312		163 - 375
		Unscheduled	2020-08-10 11:58 (29)	254		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081059	Prothrombin Intl. Normalized Ratio	Screening	2020-06-04 10:42 (-4)	1.0		0.9 - 1.1
		Unscheduled	2020-08-10 11:58 (29)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-04 10:42 (-4)	11.1		9.4 - 12.5
		Unscheduled	2020-08-10 11:58 (29)	11.3		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-04 10:42 (-4)	3.93		1.78 - 7.14
		Unscheduled	2020-08-10 11:58 (29)	3.93		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-04 10:42 (-4)	18.3		7.8 - 26.7
		Unscheduled	2020-08-10 11:58 (29)	22.0		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061020	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-29 11:00 (-10)	37.3 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
		Unscheduled	2020-06-05 14:38 (-3)	33.5		25.1 - 36.5
		Unscheduled	2020-08-04 (58)	38.3 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-05-29 11:00 (-10)	17		10 - 40
		Unscheduled	2020-08-04 (58)	15		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-05-29 11:00 (-10)	45		43 - 115
		Unscheduled	2020-08-04 (58)	48		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-29 11:00 (-10)	21		10 - 43
		Unscheduled	2020-08-04 (58)	16		10 - 43
	Basophils (10^9/L)	Screening	2020-05-29 11:00 (-10)	0.05		0 - 0.3
		Unscheduled	2020-08-04 (58)	0.06		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-29 11:00 (-10)	0.9		0 - 3
		Unscheduled	2020-08-04 (58)	1.2		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061020	Bilirubin (umol/L)	Screening	2020-05-29 11:00 (-10)	6.2		- 18.8
		Unscheduled	2020-08-04 (58)	5.6		- 18.8
	Creatinine (umol/L)	Screening	2020-05-29 11:00 (-10)	62		62 - 124
		Unscheduled	2020-08-04 (58)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-29 11:00 (-10)	<3.4		0 - 6.8
		Unscheduled	2020-08-04 (58)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-05-29 11:00 (-10)	0.06		0 - 0.8
		Unscheduled	2020-08-04 (58)	0.10		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-29 11:00 (-10)	1.1		0 - 7
		Unscheduled	2020-08-04 (58)	2.0		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-29 11:00 (-10)	4.92		4.63 - 6.08
		Unscheduled	2020-08-04 (58)	5.44		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-05-29 11:00 (-10)	0.464		0.37 - 0.51
		Unscheduled	2020-08-04 (58)	0.513 (H)		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-05-29 11:00 (-10)	144		125 - 170
		Unscheduled	2020-08-04 (58)	155		125 - 170

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061020	Immature Granulocytes (10^9/L)	Screening	2020-05-29 11:00 (-10)	<0.03		0 - 0.07
		Unscheduled	2020-08-04 (58)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-29 11:00 (-10)	0.4		0 - 1
		Unscheduled	2020-08-04 (58)	0.4		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-29 11:00 (-10)	5.50		3.7 - 11
		Unscheduled	2020-08-04 (58)	5.01		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-29 11:00 (-10)	1.57		0.9 - 3.6
		Unscheduled	2020-08-04 (58)	1.67		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-29 11:00 (-10)	28.5		12 - 46
		Unscheduled	2020-08-04 (58)	33.3		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-29 11:00 (-10)	0.48		0 - 1.2
		Unscheduled	2020-08-04 (58)	0.55		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-29 11:00 (-10)	8.7		0 - 11
		Unscheduled	2020-08-04 (58)	11.0		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-29 11:00 (-10)	3.32		1.7 - 7.9
		Unscheduled	2020-08-04 (58)	2.61		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061020	Neutrophils/Leukocytes (%)	Screening	2020-05-29 11:00 (-10)	60.4		34 - 71
		Unscheduled	2020-08-04 (58)	52.1		34 - 71
	Platelets (10^9/L)	Screening	2020-05-29 11:00 (-10)	250		163 - 375
		Unscheduled	2020-08-04 (58)	225		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-29 11:00 (-10)	1.0		0.9 - 1.1
		Unscheduled	2020-06-05 14:38 (-3)	1.0		0.9 - 1.1
		Unscheduled	2020-08-04 (58)	1.1		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-29 11:00 (-10)	11.8		9.4 - 12.5
		Unscheduled	2020-06-05 14:38 (-3)	11.7		9.4 - 12.5
		Unscheduled	2020-08-04 (58)	12.8 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-05-29 11:00 (-10)	5.35		1.78 - 7.14
		Unscheduled	2020-08-04 (58)	4.64		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-29 11:00 (-10)	21.4		7.8 - 26.7
		Unscheduled	2020-08-04 (58)	16.2		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071039	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-27 17:14 (-9)	30.0		25.1 - 36.5
		Unscheduled	2020-08-13 17:07 (32)	35.2		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-05-27 17:14 (-9)	9 (L)		10 - 33
		Unscheduled	2020-08-13 17:07 (32)	12		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-27 17:14 (-9)	64		30 - 115
		Unscheduled	2020-08-13 17:07 (32)	64		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-27 17:14 (-9)	19		10 - 36
		Unscheduled	2020-08-13 17:07 (32)	19		10 - 36
	Basophils (10^9/L)	Screening	2020-05-27 17:14 (-9)	0.04		0 - 0.3
		Unscheduled	2020-08-13 17:07 (32)	0.05		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-27 17:14 (-9)	0.8		0 - 3
		Unscheduled	2020-08-13 17:07 (32)	1.1		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071039	Bilirubin (umol/L)	Screening	2020-05-27 17:14 (-9)	3.4		- 18.8
		Unscheduled	2020-08-13 17:07 (32)	3.6		- 18.8
	Creatinine (umol/L)	Screening	2020-05-27 17:14 (-9)	53 (L)		62 - 124
		Unscheduled	2020-08-13 17:07 (32)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-27 17:14 (-9)	<3.4		0 - 6.8
		Unscheduled	2020-08-13 17:07 (32)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-05-27 17:14 (-9)	0.14		0 - 0.8
		Unscheduled	2020-08-13 17:07 (32)	0.15		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-27 17:14 (-9)	2.8		0 - 7
		Unscheduled	2020-08-13 17:07 (32)	3.2		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-27 17:14 (-9)	4.31		3.7 - 5.2
		Unscheduled	2020-08-13 17:07 (32)	4.33		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071039	Hematocrit (L/L)	Screening	2020-05-27 17:14 (-9)	0.438		0.33 - 0.47
		Unscheduled	2020-08-13 17:07 (32)	0.464		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-27 17:14 (-9)	129		110 - 155
		Unscheduled	2020-08-13 17:07 (32)	129		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-27 17:14 (-9)	<0.03		0 - 0.07
		Unscheduled	2020-08-13 17:07 (32)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-27 17:14 (-9)	0.0		0 - 1
		Unscheduled	2020-08-13 17:07 (32)	0.0		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-27 17:14 (-9)	5.08		3.7 - 11
		Unscheduled	2020-08-13 17:07 (32)	4.73		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-27 17:14 (-9)	1.76		0.9 - 3.6
		Unscheduled	2020-08-13 17:07 (32)	1.69		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071039	Lymphocytes/Leukocytes (%)	Screening	2020-05-27 17:14 (-9)	34.6		12 - 46
		Unscheduled	2020-08-13 17:07 (32)	35.7		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-27 17:14 (-9)	0.42		0 - 1.2
		Unscheduled	2020-08-13 17:07 (32)	0.51		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-27 17:14 (-9)	8.3		0 - 11
		Unscheduled	2020-08-13 17:07 (32)	10.8		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-27 17:14 (-9)	2.72		1.7 - 7.9
		Unscheduled	2020-08-13 17:07 (32)	2.33		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-27 17:14 (-9)	53.5		34 - 71
		Unscheduled	2020-08-13 17:07 (32)	49.2		34 - 71
	Platelets (10^9/L)	Screening	2020-05-27 17:14 (-9)	203		163 - 375
		Unscheduled	2020-08-13 17:07 (32)	177		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071039	Prothrombin Intl. Normalized Ratio	Screening	2020-05-27 17:14 (-9)	0.9		0.9 - 1.1
		Unscheduled	2020-08-13 17:07 (32)	1.1		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-27 17:14 (-9)	10.6		9.4 - 12.5
		Unscheduled	2020-08-13 17:07 (32)	13.0 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-05-27 17:14 (-9)	7.14		1.78 - 7.14
		Unscheduled	2020-08-13 17:07 (32)	5.71		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-27 17:14 (-9)	33.3 (H)		7.8 - 26.7
		Unscheduled	2020-08-13 17:07 (32)	22.9		7.8 - 26.7
US2081045	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-01 15:22 (-3)	31.1		25.1 - 36.5
		Unscheduled	2020-06-25 (22)	31.9		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-01 15:22 (-3)	20		10 - 40
		Unscheduled	2020-06-25 (22)	18		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-01 15:22 (-3)	49		43 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081045	Alkaline Phosphatase (U/L)	Unscheduled	2020-06-25 (22)	50		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-01 15:22 (-3)	28		10 - 43
		Unscheduled	2020-06-25 (22)	27		10 - 43
	Basophils (10^9/L)	Screening	2020-06-01 15:22 (-3)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-01 15:22 (-3)	0.2		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-01 15:22 (-3)	6.7		- 18.8
		Unscheduled	2020-06-25 (22)	4.8		- 18.8
	Creatinine (umol/L)	Screening	2020-06-01 15:22 (-3)	115		62 - 124
		Unscheduled	2020-06-25 (22)	80		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-01 15:22 (-3)	<3.4		0 - 6.8
		Unscheduled	2020-06-25 (22)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-01 15:22 (-3)	0.05		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-01 15:22 (-3)	1.0		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-01 15:22 (-3)	4.54 (L)		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-01 15:22 (-3)	0.428		0.37 - 0.51

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081045	Hemoglobin (g/L)	Screening	2020-06-01 15:22 (-3)	140		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-01 15:22 (-3)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-01 15:22 (-3)	0.4		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-01 15:22 (-3)	4.97		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-01 15:22 (-3)	1.50		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-01 15:22 (-3)	30.2		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-01 15:22 (-3)	0.45		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-01 15:22 (-3)	9.1		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-01 15:22 (-3)	2.94		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-01 15:22 (-3)	59.1		34 - 71
	Platelets (10^9/L)	Screening	2020-06-01 15:22 (-3)	175		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-01 15:22 (-3)	1.1		0.9 - 1.1
		Unscheduled	2020-06-25 (22)	1.1		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081045	Prothrombin Time (sec)	Screening	2020-06-01 15:22 (-3)	13.0 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
		Unscheduled	2020-06-25 (22)	12.6 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-01 15:22 (-3)	9.64 (H)	G2 Blood Urea Nitrogen Increased	1.78 - 7.14
		Unscheduled	2020-06-25 (22)	6.78		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-01 15:22 (-3)	20.8		7.8 - 26.7
		Unscheduled	2020-06-25 (22)	21.1		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011007	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-26 14:44 (-6)	32.3		25.1 - 36.5
		Day 29	2020-06-29 12:26 (29)	32.4		25.1 - 36.5
		Day 57	2020-07-27 13:02 (29)	29.8		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-05-26 14:44 (-6)	32		10 - 33
		Day 29	2020-06-29 12:26 (29)	22		10 - 33
		Day 57	2020-07-27 13:02 (29)	29		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-26 14:44 (-6)	73		30 - 115
		Day 29	2020-06-29 12:26 (29)	71		30 - 115
		Day 57	2020-07-27 13:02 (29)	80		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-26 14:44 (-6)	26		10 - 36
		Day 29	2020-06-29 12:26 (29)	23		10 - 36
		Day 57	2020-07-27 13:02 (29)	24		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011007	Basophils (10^9/L)	Screening	2020-05-26 14:44 (-6)	0.04		0 - 0.3
		Day 29	2020-06-29 12:26 (29)	0.03		0 - 0.3
		Day 57	2020-07-27 13:02 (29)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-26 14:44 (-6)	0.7		0 - 3
		Day 29	2020-06-29 12:26 (29)	0.6		0 - 3
		Day 57	2020-07-27 13:02 (29)	0.5		0 - 3
	Bilirubin (umol/L)	Screening	2020-05-26 14:44 (-6)	8.0		- 18.8
		Day 29	2020-06-29 12:26 (29)	9.4		- 18.8
		Day 57	2020-07-27 13:02 (29)	8.9		- 18.8
	Creatinine (umol/L)	Screening	2020-05-26 14:44 (-6)	35 (L)		62 - 124
		Day 29	2020-06-29 12:26 (29)	44 (L)		62 - 124
		Day 57	2020-07-27 13:02 (29)	35 (L)		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011007	Direct Bilirubin (umol/L)	Screening	2020-05-26 14:44 (-6)	<3.4		0 - 6.8
		Day 29	2020-06-29 12:26 (29)	<3.4		0 - 6.8
		Day 57	2020-07-27 13:02 (29)	3.6		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-05-26 14:44 (-6)	0.31		0 - 0.8
		Day 29	2020-06-29 12:26 (29)	0.25		0 - 0.8
		Day 57	2020-07-27 13:02 (29)	0.21		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-26 14:44 (-6)	5.6		0 - 7
		Day 29	2020-06-29 12:26 (29)	4.6		0 - 7
		Day 57	2020-07-27 13:02 (29)	3.8		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-26 14:44 (-6)	4.38		3.7 - 5.2
		Day 29	2020-06-29 12:26 (29)	4.22		3.7 - 5.2
		Day 57	2020-07-27 13:02 (29)	4.12		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011007	Hematocrit (L/L)	Screening	2020-05-26 14:44 (-6)	0.427		0.33 - 0.47
		Day 29	2020-06-29 12:26 (29)	0.422		0.33 - 0.47
		Day 57	2020-07-27 13:02 (29)	0.412		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-26 14:44 (-6)	137		110 - 155
		Day 29	2020-06-29 12:26 (29)	132	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-07-27 13:02 (29)	129	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-26 14:44 (-6)	<0.03		0 - 0.07
		Day 29	2020-06-29 12:26 (29)	<0.03		0 - 0.07
		Day 57	2020-07-27 13:02 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-26 14:44 (-6)	0.2		0 - 1
		Day 29	2020-06-29 12:26 (29)	0.2		0 - 1
		Day 57	2020-07-27 13:02 (29)	0.2		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011007	Leukocytes (10^9/L)	Screening	2020-05-26 14:44 (-6)	5.52		3.7 - 11
		Day 29	2020-06-29 12:26 (29)	5.39		3.7 - 11
		Day 57	2020-07-27 13:02 (29)	5.55		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-26 14:44 (-6)	1.56		0.9 - 3.6
		Day 29	2020-06-29 12:26 (29)	1.47		0.9 - 3.6
		Day 57	2020-07-27 13:02 (29)	1.32		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-26 14:44 (-6)	28.3		12 - 46
		Day 29	2020-06-29 12:26 (29)	27.3		12 - 46
		Day 57	2020-07-27 13:02 (29)	23.8		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-26 14:44 (-6)	0.44		0 - 1.2
		Day 29	2020-06-29 12:26 (29)	0.54		0 - 1.2
		Day 57	2020-07-27 13:02 (29)	0.47		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011007	Monocytes/Leukocytes (%)	Screening	2020-05-26 14:44 (-6)	8.0		0 - 11
		Day 29	2020-06-29 12:26 (29)	10.0		0 - 11
		Day 57	2020-07-27 13:02 (29)	8.5		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-26 14:44 (-6)	3.16		1.7 - 7.9
		Day 29	2020-06-29 12:26 (29)	3.09		1.7 - 7.9
		Day 57	2020-07-27 13:02 (29)	3.51		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-26 14:44 (-6)	57.2		34 - 71
		Day 29	2020-06-29 12:26 (29)	57.3		34 - 71
		Day 57	2020-07-27 13:02 (29)	63.2		34 - 71
	Platelets (10^9/L)	Screening	2020-05-26 14:44 (-6)	245		163 - 375
		Day 29	2020-06-29 12:26 (29)	263		163 - 375
		Day 57	2020-07-27 13:02 (29)	236		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011007	Prothrombin Intl. Normalized Ratio	Screening	2020-05-26 14:44 (-6)	0.9		0.9 - 1.1
		Day 29	2020-06-29 12:26 (29)	0.9		0.9 - 1.1
		Day 57	2020-07-27 13:02 (29)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-26 14:44 (-6)	10.8		9.4 - 12.5
		Day 29	2020-06-29 12:26 (29)	10.9		9.4 - 12.5
		Day 57	2020-07-27 13:02 (29)	10.9		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-05-26 14:44 (-6)	3.93		1.78 - 7.14
		Day 29	2020-06-29 12:26 (29)	5.35		1.78 - 7.14
		Day 57	2020-07-27 13:02 (29)	5.00		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-26 14:44 (-6)	27.5 (H)		7.8 - 26.7
		Day 29	2020-06-29 12:26 (29)	30.0 (H)		7.8 - 26.7
		Day 57	2020-07-27 13:02 (29)	35.0 (H)		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011011	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-26 15:55 (-3)	32.1		25.1 - 36.5
		Day 29	2020-06-26 09:37 (29)	33.7		25.1 - 36.5
		Day 57	2020-07-24 11:10 (29)	32.1		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-05-26 15:55 (-3)	17		10 - 33
		Day 29	2020-06-26 09:37 (29)	10		10 - 33
		Day 57	2020-07-24 11:10 (29)	12		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-26 15:55 (-3)	62		30 - 115
		Day 29	2020-06-26 09:37 (29)	54		30 - 115
		Day 57	2020-07-24 11:10 (29)	60		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-26 15:55 (-3)	25		10 - 36
		Day 29	2020-06-26 09:37 (29)	22		10 - 36
		Day 57	2020-07-24 11:10 (29)	25		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011011	Basophils (10^9/L)	Screening	2020-05-26 15:55 (-3)	0.05		0 - 0.3
		Day 29	2020-06-26 09:37 (29)	0.06		0 - 0.3
		Day 57	2020-07-24 11:10 (29)	0.07		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-26 15:55 (-3)	0.8		0 - 3
		Day 29	2020-06-26 09:37 (29)	1.3		0 - 3
		Day 57	2020-07-24 11:10 (29)	1.3		0 - 3
	Bilirubin (umol/L)	Screening	2020-05-26 15:55 (-3)	8.4		- 18.8
		Day 29	2020-06-26 09:37 (29)	5.8		- 18.8
		Day 57	2020-07-24 11:10 (29)	6.2		- 18.8
	Creatinine (umol/L)	Screening	2020-05-26 15:55 (-3)	62		62 - 124
		Day 29	2020-06-26 09:37 (29)	71		62 - 124
		Day 57	2020-07-24 11:10 (29)	71		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011011	Direct Bilirubin (umol/L)	Screening	2020-05-26 15:55 (-3)	<3.4		0 - 6.8
		Day 29	2020-06-26 09:37 (29)	<3.4		0 - 6.8
		Day 57	2020-07-24 11:10 (29)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-05-26 15:55 (-3)	0.09		0 - 0.8
		Day 29	2020-06-26 09:37 (29)	0.17		0 - 0.8
		Day 57	2020-07-24 11:10 (29)	0.13		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-26 15:55 (-3)	1.5		0 - 7
		Day 29	2020-06-26 09:37 (29)	3.7		0 - 7
		Day 57	2020-07-24 11:10 (29)	2.4		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-26 15:55 (-3)	4.56		3.7 - 5.2
		Day 29	2020-06-26 09:37 (29)	4.48		3.7 - 5.2
		Day 57	2020-07-24 11:10 (29)	4.31		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011011	Hematocrit (L/L)	Screening	2020-05-26 15:55 (-3)	0.456		0.33 - 0.47
		Day 29	2020-06-26 09:37 (29)	0.462		0.33 - 0.47
		Day 57	2020-07-24 11:10 (29)	0.449		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-26 15:55 (-3)	142		110 - 155
		Day 29	2020-06-26 09:37 (29)	140	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-07-24 11:10 (29)	138	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-26 15:55 (-3)	<0.03		0 - 0.07
		Day 29	2020-06-26 09:37 (29)	<0.03		0 - 0.07
		Day 57	2020-07-24 11:10 (29)	0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-26 15:55 (-3)	0.3		0 - 1
		Day 29	2020-06-26 09:37 (29)	0.2		0 - 1
		Day 57	2020-07-24 11:10 (29)	0.5		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011011	Leukocytes (10^9/L)	Screening	2020-05-26 15:55 (-3)	6.13		3.7 - 11
		Day 29	2020-06-26 09:37 (29)	4.55		3.7 - 11
		Day 57	2020-07-24 11:10 (29)	5.53		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-26 15:55 (-3)	2.47		0.9 - 3.6
		Day 29	2020-06-26 09:37 (29)	2.34		0.9 - 3.6
		Day 57	2020-07-24 11:10 (29)	2.43		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-26 15:55 (-3)	40.3		12 - 46
		Day 29	2020-06-26 09:37 (29)	51.4 (H)		12 - 46
		Day 57	2020-07-24 11:10 (29)	43.9		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-26 15:55 (-3)	0.49		0 - 1.2
		Day 29	2020-06-26 09:37 (29)	0.38		0 - 1.2
		Day 57	2020-07-24 11:10 (29)	0.49		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011011	Monocytes/Leukocytes (%)	Screening	2020-05-26 15:55 (-3)	8.0		0 - 11
		Day 29	2020-06-26 09:37 (29)	8.4		0 - 11
		Day 57	2020-07-24 11:10 (29)	8.9		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-26 15:55 (-3)	3.01		1.7 - 7.9
		Day 29	2020-06-26 09:37 (29)	1.59 (L)	G1 Neutrophils Decreased	1.7 - 7.9
		Day 57	2020-07-24 11:10 (29)	2.38		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-26 15:55 (-3)	49.1		34 - 71
		Day 29	2020-06-26 09:37 (29)	35.0		34 - 71
		Day 57	2020-07-24 11:10 (29)	43.0		34 - 71
	Platelets (10^9/L)	Screening	2020-05-26 15:55 (-3)	265		163 - 375
		Day 29	2020-06-26 09:37 (29)	262		163 - 375
		Day 57	2020-07-24 11:10 (29)	249		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011011	Prothrombin Intl. Normalized Ratio	Screening	2020-05-26 15:55 (-3)	0.9		0.9 - 1.1
		Day 29	2020-06-26 09:37 (29)	0.9		0.9 - 1.1
		Day 57	2020-07-24 11:10 (29)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-26 15:55 (-3)	10.8		9.4 - 12.5
		Day 29	2020-06-26 09:37 (29)	10.8		9.4 - 12.5
		Day 57	2020-07-24 11:10 (29)	10.5		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-05-26 15:55 (-3)	3.93		1.78 - 7.14
		Day 29	2020-06-26 09:37 (29)	3.93		1.78 - 7.14
		Day 57	2020-07-24 11:10 (29)	5.00		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-26 15:55 (-3)	15.7		7.8 - 26.7
		Day 29	2020-06-26 09:37 (29)	13.8		7.8 - 26.7
		Day 57	2020-07-24 11:10 (29)	17.5		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011023	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-27 08:42 (-6)	29.5		25.1 - 36.5
		Day 29	2020-07-02 16:00 (31)	29.9		25.1 - 36.5
		Day 57	2020-07-30 16:23 (29)	29.4		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-05-27 08:42 (-6)	20		10 - 33
		Day 29	2020-07-02 16:00 (31)	20		10 - 33
		Day 57	2020-07-30 16:23 (29)	26		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-27 08:42 (-6)	96		30 - 115
		Day 29	2020-07-02 16:00 (31)	106		30 - 115
		Day 57	2020-07-30 16:23 (29)	103		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-27 08:42 (-6)	18		10 - 36
		Day 29	2020-07-02 16:00 (31)	17		10 - 36
		Day 57	2020-07-30 16:23 (29)	20		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011023	Basophils (10^9/L)	Screening	2020-05-27 08:42 (-6)	<0.03		0 - 0.3
		Day 29	2020-07-02 16:00 (31)	<0.03		0 - 0.3
		Day 57	2020-07-30 16:23 (29)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-27 08:42 (-6)	0.4		0 - 3
		Day 29	2020-07-02 16:00 (31)	0.2		0 - 3
		Day 57	2020-07-30 16:23 (29)	0.2		0 - 3
	Bilirubin (umol/L)	Screening	2020-05-27 08:42 (-6)	9.6		- 18.8
		Day 29	2020-07-02 16:00 (31)	12.8		- 18.8
		Day 57	2020-07-30 16:23 (29)	25.8 (H)	G1 Bilirubin Increased	- 18.8
	Creatinine (umol/L)	Screening	2020-05-27 08:42 (-6)	53 (L)		62 - 124
		Day 29	2020-07-02 16:00 (31)	62		62 - 124
		Day 57	2020-07-30 16:23 (29)	62		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011023	Direct Bilirubin (umol/L)	Screening	2020-05-27 08:42 (-6)	<3.4		0 - 6.8
		Day 29	2020-07-02 16:00 (31)	<3.4		0 - 6.8
		Day 57	2020-07-30 16:23 (29)	4.8		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-05-27 08:42 (-6)	0.06		0 - 0.8
		Day 29	2020-07-02 16:00 (31)	0.04		0 - 0.8
		Day 57	2020-07-30 16:23 (29)	0.03		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-27 08:42 (-6)	1.2		0 - 7
		Day 29	2020-07-02 16:00 (31)	0.6		0 - 7
		Day 57	2020-07-30 16:23 (29)	0.5		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-27 08:42 (-6)	4.53		3.7 - 5.2
		Day 29	2020-07-02 16:00 (31)	4.71		3.7 - 5.2
		Day 57	2020-07-30 16:23 (29)	4.67		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011023	Hematocrit (L/L)	Screening	2020-05-27 08:42 (-6)	0.424		0.33 - 0.47
		Day 29	2020-07-02 16:00 (31)	0.430		0.33 - 0.47
		Day 57	2020-07-30 16:23 (29)	0.431		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-27 08:42 (-6)	129		110 - 155
		Day 29	2020-07-02 16:00 (31)	132		110 - 155
		Day 57	2020-07-30 16:23 (29)	132		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-27 08:42 (-6)	<0.03		0 - 0.07
		Day 29	2020-07-02 16:00 (31)	<0.03		0 - 0.07
		Day 57	2020-07-30 16:23 (29)	0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-27 08:42 (-6)	0.4		0 - 1
		Day 29	2020-07-02 16:00 (31)	0.3		0 - 1
		Day 57	2020-07-30 16:23 (29)	0.5		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011023	Leukocytes (10^9/L)	Screening	2020-05-27 08:42 (-6)	5.20		3.7 - 11
		Day 29	2020-07-02 16:00 (31)	6.25		3.7 - 11
		Day 57	2020-07-30 16:23 (29)	6.20		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-27 08:42 (-6)	1.92		0.9 - 3.6
		Day 29	2020-07-02 16:00 (31)	2.17		0.9 - 3.6
		Day 57	2020-07-30 16:23 (29)	1.74		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-27 08:42 (-6)	36.9		12 - 46
		Day 29	2020-07-02 16:00 (31)	34.7		12 - 46
		Day 57	2020-07-30 16:23 (29)	28.1		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-27 08:42 (-6)	0.39		0 - 1.2
		Day 29	2020-07-02 16:00 (31)	0.43		0 - 1.2
		Day 57	2020-07-30 16:23 (29)	0.44		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011023	Monocytes/Leukocytes (%)	Screening	2020-05-27 08:42 (-6)	7.5		0 - 11
		Day 29	2020-07-02 16:00 (31)	6.9		0 - 11
		Day 57	2020-07-30 16:23 (29)	7.1		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-27 08:42 (-6)	2.79		1.7 - 7.9
		Day 29	2020-07-02 16:00 (31)	3.58		1.7 - 7.9
		Day 57	2020-07-30 16:23 (29)	3.95		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-27 08:42 (-6)	53.6		34 - 71
		Day 29	2020-07-02 16:00 (31)	57.3		34 - 71
		Day 57	2020-07-30 16:23 (29)	63.6		34 - 71
	Platelets (10^9/L)	Screening	2020-05-27 08:42 (-6)	226		163 - 375
		Day 29	2020-07-02 16:00 (31)	240		163 - 375
		Day 57	2020-07-30 16:23 (29)	232		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011023	Prothrombin Intl. Normalized Ratio	Screening	2020-05-27 08:42 (-6)	1.0		0.9 - 1.1
		Day 29	2020-07-02 16:00 (31)	1.0		0.9 - 1.1
		Day 57	2020-07-30 16:23 (29)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-27 08:42 (-6)	11.5		9.4 - 12.5
		Day 29	2020-07-02 16:00 (31)	11.9		9.4 - 12.5
		Day 57	2020-07-30 16:23 (29)	12.2		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-05-27 08:42 (-6)	3.57		1.78 - 7.14
		Day 29	2020-07-02 16:00 (31)	5.71		1.78 - 7.14
		Day 57	2020-07-30 16:23 (29)	4.64		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-27 08:42 (-6)	16.7		7.8 - 26.7
		Day 29	2020-07-02 16:00 (31)	22.9		7.8 - 26.7
		Day 57	2020-07-30 16:23 (29)	18.6		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011109	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-11 11:45 (-15)	29.4		25.1 - 36.5
		Day 29	2020-07-24 10:35 (29)	26.0		25.1 - 36.5
		Day 57	2020-08-21 10:46 (29)	30.4		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-11 11:45 (-15)	21		10 - 33
		Day 29	2020-07-24 10:35 (29)	20		10 - 33
		Day 57	2020-08-21 10:46 (29)	23		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-11 11:45 (-15)	45		30 - 115
		Day 29	2020-07-24 10:35 (29)	40		30 - 115
		Day 57	2020-08-21 10:46 (29)	39		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-11 11:45 (-15)	32		10 - 36
		Day 29	2020-07-24 10:35 (29)	31		10 - 36
		Day 57	2020-08-21 10:46 (29)	36		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011109	Basophils (10^9/L)	Screening	2020-06-11 11:45 (-15)	0.07		0 - 0.3
		Day 29	2020-07-24 10:35 (29)	0.06		0 - 0.3
		Day 57	2020-08-21 10:46 (29)	0.07		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-11 11:45 (-15)	0.9		0 - 3
		Day 29	2020-07-24 10:35 (29)	0.9		0 - 3
		Day 57	2020-08-21 10:46 (29)	1.1		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-11 11:45 (-15)	4.1		- 18.8
		Day 29	2020-07-24 10:35 (29)	3.9		- 18.8
		Day 57	2020-08-21 10:46 (29)	3.6		- 18.8
	Creatinine (umol/L)	Screening	2020-06-11 11:45 (-15)	80		62 - 124
		Day 29	2020-07-24 10:35 (29)	97		62 - 124
		Day 57	2020-08-21 10:46 (29)	97		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011109	Direct Bilirubin (umol/L)	Screening	2020-06-11 11:45 (-15)	<3.4		0 - 6.8
		Day 29	2020-07-24 10:35 (29)	<3.4		0 - 6.8
		Day 57	2020-08-21 10:46 (29)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-11 11:45 (-15)	0.14		0 - 0.8
		Day 29	2020-07-24 10:35 (29)	0.11		0 - 0.8
		Day 57	2020-08-21 10:46 (29)	0.13		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-11 11:45 (-15)	1.8		0 - 7
		Day 29	2020-07-24 10:35 (29)	1.7		0 - 7
		Day 57	2020-08-21 10:46 (29)	2.0		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-11 11:45 (-15)	4.18		3.7 - 5.2
		Day 29	2020-07-24 10:35 (29)	3.87		3.7 - 5.2
		Day 57	2020-08-21 10:46 (29)	4.03		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011109	Hematocrit (L/L)	Screening	2020-06-11 11:45 (-15)	0.410		0.33 - 0.47
		Day 29	2020-07-24 10:35 (29)	0.378		0.33 - 0.47
		Day 57	2020-08-21 10:46 (29)	0.391		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-11 11:45 (-15)	123		110 - 155
		Day 29	2020-07-24 10:35 (29)	116	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-21 10:46 (29)	120	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-11 11:45 (-15)	<0.03		0 - 0.07
		Day 29	2020-07-24 10:35 (29)	<0.03		0 - 0.07
		Day 57	2020-08-21 10:46 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-11 11:45 (-15)	0.3		0 - 1
		Day 29	2020-07-24 10:35 (29)	0.2		0 - 1
		Day 57	2020-08-21 10:46 (29)	0.3		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011109	Leukocytes (10^9/L)	Screening	2020-06-11 11:45 (-15)	7.84		3.7 - 11
		Day 29	2020-07-24 10:35 (29)	6.47		3.7 - 11
		Day 57	2020-08-21 10:46 (29)	6.46		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-11 11:45 (-15)	1.99		0.9 - 3.6
		Day 29	2020-07-24 10:35 (29)	1.72		0.9 - 3.6
		Day 57	2020-08-21 10:46 (29)	1.54		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-11 11:45 (-15)	25.4		12 - 46
		Day 29	2020-07-24 10:35 (29)	26.6		12 - 46
		Day 57	2020-08-21 10:46 (29)	23.8		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-11 11:45 (-15)	0.60		0 - 1.2
		Day 29	2020-07-24 10:35 (29)	0.56		0 - 1.2
		Day 57	2020-08-21 10:46 (29)	0.51		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011109	Monocytes/Leukocytes (%)	Screening	2020-06-11 11:45 (-15)	7.7		0 - 11
		Day 29	2020-07-24 10:35 (29)	8.7		0 - 11
		Day 57	2020-08-21 10:46 (29)	7.9		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-11 11:45 (-15)	5.02		1.7 - 7.9
		Day 29	2020-07-24 10:35 (29)	4.01		1.7 - 7.9
		Day 57	2020-08-21 10:46 (29)	4.19		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-11 11:45 (-15)	63.9		34 - 71
		Day 29	2020-07-24 10:35 (29)	61.9		34 - 71
		Day 57	2020-08-21 10:46 (29)	64.9		34 - 71
	Platelets (10^9/L)	Screening	2020-06-11 11:45 (-15)	223		163 - 375
		Day 29	2020-07-24 10:35 (29)	207		163 - 375
		Day 57	2020-08-21 10:46 (29)	219		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011109	Prothrombin Intl. Normalized Ratio	Screening	2020-06-11 11:45 (-15)	0.9		0.9 - 1.1
		Day 29	2020-07-24 10:35 (29)	1.0		0.9 - 1.1
		Day 57	2020-08-21 10:46 (29)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-11 11:45 (-15)	10.5		9.4 - 12.5
		Day 29	2020-07-24 10:35 (29)	11.3		9.4 - 12.5
		Day 57	2020-08-21 10:46 (29)	11.8		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-11 11:45 (-15)	6.07		1.78 - 7.14
		Day 29	2020-07-24 10:35 (29)	7.50 (H)		1.78 - 7.14
		Day 57	2020-08-21 10:46 (29)	8.57 (H)	G1 Blood Urea Nitrogen Increased	1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-11 11:45 (-15)	18.9		7.8 - 26.7
		Day 29	2020-07-24 10:35 (29)	19.1		7.8 - 26.7
		Day 57	2020-08-21 10:46 (29)	21.8		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011114	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-12 12:11 (-14)	29.5		25.1 - 36.5
		Day 29	2020-07-24 09:56 (29)	28.5		25.1 - 36.5
		Day 57	2020-08-21 10:29 (29)	28.8		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-12 12:11 (-14)	24		10 - 40
		Day 29	2020-07-24 09:56 (29)	20		10 - 40
		Day 57	2020-08-21 10:29 (29)	21		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-12 12:11 (-14)	85		43 - 115
		Day 29	2020-07-24 09:56 (29)	73		43 - 115
		Day 57	2020-08-21 10:29 (29)	84		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-12 12:11 (-14)	26		10 - 43
		Day 29	2020-07-24 09:56 (29)	25		10 - 43
		Day 57	2020-08-21 10:29 (29)	22		10 - 43

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011114	Basophils (10^9/L)	Screening	2020-06-12 12:11 (-14)	0.03		0 - 0.3
		Day 29	2020-07-24 09:56 (29)	<0.03		0 - 0.3
		Day 57	2020-08-21 10:29 (29)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-12 12:11 (-14)	0.4		0 - 3
		Day 29	2020-07-24 09:56 (29)	0.5		0 - 3
		Day 57	2020-08-21 10:29 (29)	0.5		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-12 12:11 (-14)	7.5		- 18.8
		Day 29	2020-07-24 09:56 (29)	7.2		- 18.8
		Day 57	2020-08-21 10:29 (29)	4.8		- 18.8
	Creatinine (umol/L)	Screening	2020-06-12 12:11 (-14)	62		62 - 124
		Day 29	2020-07-24 09:56 (29)	62		62 - 124
		Day 57	2020-08-21 10:29 (29)	62		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011114	Direct Bilirubin (umol/L)	Screening	2020-06-12 12:11 (-14)	<3.4		0 - 6.8
		Day 29	2020-07-24 09:56 (29)	<3.4		0 - 6.8
		Day 57	2020-08-21 10:29 (29)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-12 12:11 (-14)	0.08		0 - 0.8
		Day 29	2020-07-24 09:56 (29)	0.06		0 - 0.8
		Day 57	2020-08-21 10:29 (29)	0.07		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-12 12:11 (-14)	1.2		0 - 7
		Day 29	2020-07-24 09:56 (29)	1.5		0 - 7
		Day 57	2020-08-21 10:29 (29)	1.6		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-12 12:11 (-14)	4.90		4.63 - 6.08
		Day 29	2020-07-24 09:56 (29)	4.57 (L)		4.63 - 6.08
		Day 57	2020-08-21 10:29 (29)	4.41 (L)		4.63 - 6.08

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011114	Hematocrit (L/L)	Screening	2020-06-12 12:11 (-14)	0.471		0.37 - 0.51
		Day 29	2020-07-24 09:56 (29)	0.442		0.37 - 0.51
		Day 57	2020-08-21 10:29 (29)	0.424		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-12 12:11 (-14)	150		125 - 170
		Day 29	2020-07-24 09:56 (29)	142	G1 Hemoglobin Decreased	125 - 170
		Day 57	2020-08-21 10:29 (29)	136	G1 Hemoglobin Decreased	125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-12 12:11 (-14)	0.03		0 - 0.07
		Day 29	2020-07-24 09:56 (29)	<0.03		0 - 0.07
		Day 57	2020-08-21 10:29 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-12 12:11 (-14)	0.4		0 - 1
		Day 29	2020-07-24 09:56 (29)	0.5		0 - 1
		Day 57	2020-08-21 10:29 (29)	0.5		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011114	Leukocytes (10^9/L)	Screening	2020-06-12 12:11 (-14)	6.71		3.7 - 11
		Day 29	2020-07-24 09:56 (29)	4.09		3.7 - 11
		Day 57	2020-08-21 10:29 (29)	4.34		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-12 12:11 (-14)	1.42		0.9 - 3.6
		Day 29	2020-07-24 09:56 (29)	1.23		0.9 - 3.6
		Day 57	2020-08-21 10:29 (29)	1.22		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-12 12:11 (-14)	21.2		12 - 46
		Day 29	2020-07-24 09:56 (29)	30.1		12 - 46
		Day 57	2020-08-21 10:29 (29)	28.1		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-12 12:11 (-14)	0.56		0 - 1.2
		Day 29	2020-07-24 09:56 (29)	0.49		0 - 1.2
		Day 57	2020-08-21 10:29 (29)	0.47		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011114	Monocytes/Leukocytes (%)	Screening	2020-06-12 12:11 (-14)	8.3		0 - 11
		Day 29	2020-07-24 09:56 (29)	12.0 (H)		0 - 11
		Day 57	2020-08-21 10:29 (29)	10.8		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-12 12:11 (-14)	4.59		1.7 - 7.9
		Day 29	2020-07-24 09:56 (29)	2.27		1.7 - 7.9
		Day 57	2020-08-21 10:29 (29)	2.54		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-12 12:11 (-14)	68.5		34 - 71
		Day 29	2020-07-24 09:56 (29)	55.4		34 - 71
		Day 57	2020-08-21 10:29 (29)	58.5		34 - 71
	Platelets (10^9/L)	Screening	2020-06-12 12:11 (-14)	219		163 - 375
		Day 29	2020-07-24 09:56 (29)	188		163 - 375
		Day 57	2020-08-21 10:29 (29)	183		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011114	Prothrombin Intl. Normalized Ratio	Screening	2020-06-12 12:11 (-14)	0.9		0.9 - 1.1
		Day 29	2020-07-24 09:56 (29)	1.0		0.9 - 1.1
		Day 57	2020-08-21 10:29 (29)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-12 12:11 (-14)	10.9		9.4 - 12.5
		Day 29	2020-07-24 09:56 (29)	11.7		9.4 - 12.5
		Day 57	2020-08-21 10:29 (29)	11.9		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-12 12:11 (-14)	3.21		1.78 - 7.14
		Day 29	2020-07-24 09:56 (29)	2.14		1.78 - 7.14
		Day 57	2020-08-21 10:29 (29)	2.50		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-12 12:11 (-14)	12.9		7.8 - 26.7
		Day 29	2020-07-24 09:56 (29)	8.6		7.8 - 26.7
		Day 57	2020-08-21 10:29 (29)	10.0		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011116	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-12 14:41 (-15)	28.3		25.1 - 36.5
		Day 29	2020-07-27 12:23 (31)	30.4		25.1 - 36.5
		Day 57	2020-08-24 11:45 (29)	30.8		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-12 14:41 (-15)	18		10 - 33
		Day 29	2020-07-27 12:23 (31)	16		10 - 33
		Day 57	2020-08-24 11:45 (29)	18		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-12 14:41 (-15)	101		30 - 115
		Day 29	2020-07-27 12:23 (31)	105		30 - 115
		Day 57	2020-08-24 11:45 (29)	103		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-12 14:41 (-15)	31		10 - 36
		Day 29	2020-07-27 12:23 (31)	27		10 - 36
		Day 57	2020-08-24 11:45 (29)	30		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011116	Basophils (10^9/L)	Screening	2020-06-12 14:41 (-15)	0.05		0 - 0.3
		Day 29	2020-07-27 12:23 (31)	0.04		0 - 0.3
		Day 57	2020-08-24 11:45 (29)	0.05		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-12 14:41 (-15)	0.9		0 - 3
		Day 29	2020-07-27 12:23 (31)	0.9		0 - 3
		Day 57	2020-08-24 11:45 (29)	0.9		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-12 14:41 (-15)	6.2		- 18.8
		Day 29	2020-07-27 12:23 (31)	6.5		- 18.8
		Day 57	2020-08-24 11:45 (29)	5.3		- 18.8
	Creatinine (umol/L)	Screening	2020-06-12 14:41 (-15)	44 (L)		62 - 124
		Day 29	2020-07-27 12:23 (31)	44 (L)		62 - 124
		Day 57	2020-08-24 11:45 (29)	44 (L)		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011116	Direct Bilirubin (umol/L)	Screening	2020-06-12 14:41 (-15)	<3.4		0 - 6.8
		Day 29	2020-07-27 12:23 (31)	<3.4		0 - 6.8
		Day 57	2020-08-24 11:45 (29)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-12 14:41 (-15)	0.20		0 - 0.8
		Day 29	2020-07-27 12:23 (31)	0.19		0 - 0.8
		Day 57	2020-08-24 11:45 (29)	0.21		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-12 14:41 (-15)	3.6		0 - 7
		Day 29	2020-07-27 12:23 (31)	4.3		0 - 7
		Day 57	2020-08-24 11:45 (29)	3.9		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-12 14:41 (-15)	4.49		3.7 - 5.2
		Day 29	2020-07-27 12:23 (31)	4.44		3.7 - 5.2
		Day 57	2020-08-24 11:45 (29)	4.35		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011116	Hematocrit (L/L)	Screening	2020-06-12 14:41 (-15)	0.431		0.33 - 0.47
		Day 29	2020-07-27 12:23 (31)	0.429		0.33 - 0.47
		Day 57	2020-08-24 11:45 (29)	0.420		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-12 14:41 (-15)	133		110 - 155
		Day 29	2020-07-27 12:23 (31)	133		110 - 155
		Day 57	2020-08-24 11:45 (29)	130	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-12 14:41 (-15)	0.03		0 - 0.07
		Day 29	2020-07-27 12:23 (31)	<0.03		0 - 0.07
		Day 57	2020-08-24 11:45 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-12 14:41 (-15)	0.5		0 - 1
		Day 29	2020-07-27 12:23 (31)	0.2		0 - 1
		Day 57	2020-08-24 11:45 (29)	0.4		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011116	Leukocytes (10^9/L)	Screening	2020-06-12 14:41 (-15)	5.49		3.7 - 11
		Day 29	2020-07-27 12:23 (31)	4.42		3.7 - 11
		Day 57	2020-08-24 11:45 (29)	5.41		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-12 14:41 (-15)	2.05		0.9 - 3.6
		Day 29	2020-07-27 12:23 (31)	2.01		0.9 - 3.6
		Day 57	2020-08-24 11:45 (29)	1.94		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-12 14:41 (-15)	37.3		12 - 46
		Day 29	2020-07-27 12:23 (31)	45.5		12 - 46
		Day 57	2020-08-24 11:45 (29)	35.9		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-12 14:41 (-15)	0.38		0 - 1.2
		Day 29	2020-07-27 12:23 (31)	0.30		0 - 1.2
		Day 57	2020-08-24 11:45 (29)	0.25		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011116	Monocytes/Leukocytes (%)	Screening	2020-06-12 14:41 (-15)	6.9		0 - 11
		Day 29	2020-07-27 12:23 (31)	6.8		0 - 11
		Day 57	2020-08-24 11:45 (29)	4.6		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-12 14:41 (-15)	2.78		1.7 - 7.9
		Day 29	2020-07-27 12:23 (31)	1.87	G1 Neutrophils Decreased	1.7 - 7.9
		Day 57	2020-08-24 11:45 (29)	2.94		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-12 14:41 (-15)	50.8		34 - 71
		Day 29	2020-07-27 12:23 (31)	42.3		34 - 71
		Day 57	2020-08-24 11:45 (29)	54.3		34 - 71
	Platelets (10^9/L)	Screening	2020-06-12 14:41 (-15)	227		163 - 375
		Day 29	2020-07-27 12:23 (31)	245		163 - 375
		Day 57	2020-08-24 11:45 (29)	262		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011116	Prothrombin Intl. Normalized Ratio	Screening	2020-06-12 14:41 (-15)	0.9		0.9 - 1.1
		Day 29	2020-07-27 12:23 (31)	1.0		0.9 - 1.1
		Day 57	2020-08-24 11:45 (29)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-12 14:41 (-15)	10.7		9.4 - 12.5
		Day 29	2020-07-27 12:23 (31)	11.7		9.4 - 12.5
		Day 57	2020-08-24 11:45 (29)	12.0		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-12 14:41 (-15)	2.86		1.78 - 7.14
		Day 29	2020-07-27 12:23 (31)	2.14		1.78 - 7.14
		Day 57	2020-08-24 11:45 (29)	2.14		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-12 14:41 (-15)	16.0		7.8 - 26.7
		Day 29	2020-07-27 12:23 (31)	12.0		7.8 - 26.7
		Day 57	2020-08-24 11:45 (29)	12.0		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011120	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-15 11:33 (-12)	30.6		25.1 - 36.5
		Day 29	2020-07-27 11:16 (31)	29.9		25.1 - 36.5
		Day 57	2020-08-24 16:56 (29)	21.6 (L)		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-15 11:33 (-12)	16		10 - 33
		Day 29	2020-07-27 11:16 (31)	15		10 - 33
		Day 57	2020-08-24 16:56 (29)	15		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-15 11:33 (-12)	47		30 - 115
		Day 29	2020-07-27 11:16 (31)	48		30 - 115
		Day 57	2020-08-24 16:56 (29)	43		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-15 11:33 (-12)	19		10 - 36
		Day 29	2020-07-27 11:16 (31)	15		10 - 36
		Day 57	2020-08-24 16:56 (29)	16		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011120	Basophils (10^9/L)	Screening	2020-06-15 11:33 (-12)	0.04		0 - 0.3
		Day 29	2020-07-27 11:16 (31)	0.04		0 - 0.3
		Day 57	2020-08-24 16:56 (29)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-15 11:33 (-12)	0.8		0 - 3
		Day 29	2020-07-27 11:16 (31)	0.8		0 - 3
		Day 57	2020-08-24 16:56 (29)	0.5		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-15 11:33 (-12)	4.4		- 18.8
		Day 29	2020-07-27 11:16 (31)	4.3		- 18.8
		Day 57	2020-08-24 16:56 (29)	<2.6		- 18.8
	Creatinine (umol/L)	Screening	2020-06-15 11:33 (-12)	53 (L)		62 - 124
		Day 29	2020-07-27 11:16 (31)	53 (L)		62 - 124
		Day 57	2020-08-24 16:56 (29)	53 (L)		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011120	Direct Bilirubin (umol/L)	Screening	2020-06-15 11:33 (-12)	<3.4		0 - 6.8
		Day 29	2020-07-27 11:16 (31)	<3.4		0 - 6.8
		Day 57	2020-08-24 16:56 (29)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-15 11:33 (-12)	0.10		0 - 0.8
		Day 29	2020-07-27 11:16 (31)	0.10		0 - 0.8
		Day 57	2020-08-24 16:56 (29)	0.08		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-15 11:33 (-12)	1.9		0 - 7
		Day 29	2020-07-27 11:16 (31)	2.0		0 - 7
		Day 57	2020-08-24 16:56 (29)	1.4		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-15 11:33 (-12)	4.67		3.7 - 5.2
		Day 29	2020-07-27 11:16 (31)	4.34		3.7 - 5.2
		Day 57	2020-08-24 16:56 (29)	4.08		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011120	Hematocrit (L/L)	Screening	2020-06-15 11:33 (-12)	0.465		0.33 - 0.47
		Day 29	2020-07-27 11:16 (31)	0.437		0.33 - 0.47
		Day 57	2020-08-24 16:56 (29)	0.414		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-15 11:33 (-12)	142		110 - 155
		Day 29	2020-07-27 11:16 (31)	134	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-24 16:56 (29)	125	G2 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-15 11:33 (-12)	<0.03		0 - 0.07
		Day 29	2020-07-27 11:16 (31)	<0.03		0 - 0.07
		Day 57	2020-08-24 16:56 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-15 11:33 (-12)	0.2		0 - 1
		Day 29	2020-07-27 11:16 (31)	0.4		0 - 1
		Day 57	2020-08-24 16:56 (29)	0.2		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011120	Leukocytes (10^9/L)	Screening	2020-06-15 11:33 (-12)	5.33		3.7 - 11
		Day 29	2020-07-27 11:16 (31)	5.04		3.7 - 11
		Day 57	2020-08-24 16:56 (29)	5.64		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-15 11:33 (-12)	2.33		0.9 - 3.6
		Day 29	2020-07-27 11:16 (31)	2.20		0.9 - 3.6
		Day 57	2020-08-24 16:56 (29)	2.41		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-15 11:33 (-12)	43.7		12 - 46
		Day 29	2020-07-27 11:16 (31)	43.7		12 - 46
		Day 57	2020-08-24 16:56 (29)	42.7		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-15 11:33 (-12)	0.44		0 - 1.2
		Day 29	2020-07-27 11:16 (31)	0.42		0 - 1.2
		Day 57	2020-08-24 16:56 (29)	0.44		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011120	Monocytes/Leukocytes (%)	Screening	2020-06-15 11:33 (-12)	8.3		0 - 11
		Day 29	2020-07-27 11:16 (31)	8.3		0 - 11
		Day 57	2020-08-24 16:56 (29)	7.8		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-15 11:33 (-12)	2.41		1.7 - 7.9
		Day 29	2020-07-27 11:16 (31)	2.26		1.7 - 7.9
		Day 57	2020-08-24 16:56 (29)	2.67		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-15 11:33 (-12)	45.1		34 - 71
		Day 29	2020-07-27 11:16 (31)	44.8		34 - 71
		Day 57	2020-08-24 16:56 (29)	47.4		34 - 71
	Platelets (10^9/L)	Screening	2020-06-15 11:33 (-12)	289		163 - 375
		Day 29	2020-07-27 11:16 (31)	276		163 - 375
		Day 57	2020-08-24 16:56 (29)	275		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011120	Prothrombin Intl. Normalized Ratio	Screening	2020-06-15 11:33 (-12)	0.9		0.9 - 1.1
		Day 29	2020-07-27 11:16 (31)	1.0		0.9 - 1.1
		Day 57	2020-08-24 16:56 (29)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-15 11:33 (-12)	10.7		9.4 - 12.5
		Day 29	2020-07-27 11:16 (31)	11.2		9.4 - 12.5
		Day 57	2020-08-24 16:56 (29)	11.6		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-15 11:33 (-12)	4.64		1.78 - 7.14
		Day 29	2020-07-27 11:16 (31)	4.64		1.78 - 7.14
		Day 57	2020-08-24 16:56 (29)	6.78		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-15 11:33 (-12)	21.7		7.8 - 26.7
		Day 29	2020-07-27 11:16 (31)	21.7		7.8 - 26.7
		Day 57	2020-08-24 16:56 (29)	31.7 (H)		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011124	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-17 13:13 (-9)	30.7		25.1 - 36.5
		Day 29	2020-07-24 08:10 (29)	31.1		25.1 - 36.5
		Day 57	2020-08-21 08:49 (29)	34.6		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-17 13:13 (-9)	14		10 - 33
		Day 29	2020-07-24 08:10 (29)	13		10 - 33
		Day 57	2020-08-21 08:49 (29)	15		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-17 13:13 (-9)	97		30 - 115
		Day 29	2020-07-24 08:10 (29)	98		30 - 115
		Day 57	2020-08-21 08:49 (29)	104		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-17 13:13 (-9)	17		10 - 36
		Day 29	2020-07-24 08:10 (29)	15		10 - 36
		Day 57	2020-08-21 08:49 (29)	15		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011124	Basophils (10^9/L)	Screening	2020-06-17 13:13 (-9)	0.06		0 - 0.3
		Day 29	2020-07-24 08:10 (29)	0.06		0 - 0.3
		Day 57	2020-08-21 08:49 (29)	0.05		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-17 13:13 (-9)	1.0		0 - 3
		Day 29	2020-07-24 08:10 (29)	1.0		0 - 3
		Day 57	2020-08-21 08:49 (29)	0.8		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-17 13:13 (-9)	4.1		- 18.8
		Day 29	2020-07-24 08:10 (29)	3.4		- 18.8
		Day 57	2020-08-21 08:49 (29)	2.7		- 18.8
	Creatinine (umol/L)	Screening	2020-06-17 13:13 (-9)	44 (L)		62 - 124
		Day 29	2020-07-24 08:10 (29)	53 (L)		62 - 124
		Day 57	2020-08-21 08:49 (29)	53 (L)		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011124	Direct Bilirubin (umol/L)	Screening	2020-06-17 13:13 (-9)	<3.4		0 - 6.8
		Day 29	2020-07-24 08:10 (29)	<3.4		0 - 6.8
		Day 57	2020-08-21 08:49 (29)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-17 13:13 (-9)	0.06		0 - 0.8
		Day 29	2020-07-24 08:10 (29)	0.12		0 - 0.8
		Day 57	2020-08-21 08:49 (29)	0.11		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-17 13:13 (-9)	1.0		0 - 7
		Day 29	2020-07-24 08:10 (29)	1.9		0 - 7
		Day 57	2020-08-21 08:49 (29)	1.8		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-17 13:13 (-9)	4.83		3.7 - 5.2
		Day 29	2020-07-24 08:10 (29)	4.49		3.7 - 5.2
		Day 57	2020-08-21 08:49 (29)	4.63		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011124	Hematocrit (L/L)	Screening	2020-06-17 13:13 (-9)	0.459		0.33 - 0.47
		Day 29	2020-07-24 08:10 (29)	0.438		0.33 - 0.47
		Day 57	2020-08-21 08:49 (29)	0.446		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-17 13:13 (-9)	142		110 - 155
		Day 29	2020-07-24 08:10 (29)	132	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-21 08:49 (29)	136	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-17 13:13 (-9)	<0.03		0 - 0.07
		Day 29	2020-07-24 08:10 (29)	<0.03		0 - 0.07
		Day 57	2020-08-21 08:49 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-17 13:13 (-9)	0.2		0 - 1
		Day 29	2020-07-24 08:10 (29)	0.2		0 - 1
		Day 57	2020-08-21 08:49 (29)	0.2		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011124	Leukocytes (10^9/L)	Screening	2020-06-17 13:13 (-9)	5.93		3.7 - 11
		Day 29	2020-07-24 08:10 (29)	6.27		3.7 - 11
		Day 57	2020-08-21 08:49 (29)	6.19		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-17 13:13 (-9)	1.97		0.9 - 3.6
		Day 29	2020-07-24 08:10 (29)	2.25		0.9 - 3.6
		Day 57	2020-08-21 08:49 (29)	2.43		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-17 13:13 (-9)	33.2		12 - 46
		Day 29	2020-07-24 08:10 (29)	35.9		12 - 46
		Day 57	2020-08-21 08:49 (29)	39.3		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-17 13:13 (-9)	0.44		0 - 1.2
		Day 29	2020-07-24 08:10 (29)	0.49		0 - 1.2
		Day 57	2020-08-21 08:49 (29)	0.48		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011124	Monocytes/Leukocytes (%)	Screening	2020-06-17 13:13 (-9)	7.4		0 - 11
		Day 29	2020-07-24 08:10 (29)	7.8		0 - 11
		Day 57	2020-08-21 08:49 (29)	7.8		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-17 13:13 (-9)	3.39		1.7 - 7.9
		Day 29	2020-07-24 08:10 (29)	3.34		1.7 - 7.9
		Day 57	2020-08-21 08:49 (29)	3.11		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-17 13:13 (-9)	57.2		34 - 71
		Day 29	2020-07-24 08:10 (29)	53.2		34 - 71
		Day 57	2020-08-21 08:49 (29)	50.1		34 - 71
	Platelets (10^9/L)	Screening	2020-06-17 13:13 (-9)	239		163 - 375
		Day 29	2020-07-24 08:10 (29)	252		163 - 375
		Day 57	2020-08-21 08:49 (29)	254		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011124	Prothrombin Intl. Normalized Ratio	Screening	2020-06-17 13:13 (-9)	0.8 (L)		0.9 - 1.1
		Day 29	2020-07-24 08:10 (29)	0.9		0.9 - 1.1
		Day 57	2020-08-21 08:49 (29)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-17 13:13 (-9)	9.6		9.4 - 12.5
		Day 29	2020-07-24 08:10 (29)	10.7		9.4 - 12.5
		Day 57	2020-08-21 08:49 (29)	11.2		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-17 13:13 (-9)	4.64		1.78 - 7.14
		Day 29	2020-07-24 08:10 (29)	6.43		1.78 - 7.14
		Day 57	2020-08-21 08:49 (29)	5.35		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-17 13:13 (-9)	26.0		7.8 - 26.7
		Day 29	2020-07-24 08:10 (29)	30.0 (H)		7.8 - 26.7
		Day 57	2020-08-21 08:49 (29)	25.0		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011126	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-18 08:28 (-8)	30.2		25.1 - 36.5
		Day 29	2020-07-24 08:40 (29)	30.4		25.1 - 36.5
		Day 57	2020-08-21 09:04 (29)	32.3		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-18 08:28 (-8)	31		10 - 33
		Day 29	2020-07-24 08:40 (29)	28		10 - 33
		Day 57	2020-08-21 09:04 (29)	22		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-18 08:28 (-8)	50		30 - 115
		Day 29	2020-07-24 08:40 (29)	53		30 - 115
		Day 57	2020-08-21 09:04 (29)	53		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-18 08:28 (-8)	27		10 - 36
		Day 29	2020-07-24 08:40 (29)	23		10 - 36
		Day 57	2020-08-21 09:04 (29)	22		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011126	Basophils (10^9/L)	Screening	2020-06-18 08:28 (-8)	0.03		0 - 0.3
		Day 29	2020-07-24 08:40 (29)	0.04		0 - 0.3
		Day 57	2020-08-21 09:04 (29)	0.05		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-18 08:28 (-8)	0.5		0 - 3
		Day 29	2020-07-24 08:40 (29)	0.7		0 - 3
		Day 57	2020-08-21 09:04 (29)	0.9		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-18 08:28 (-8)	8.0		- 18.8
		Day 29	2020-07-24 08:40 (29)	7.2		- 18.8
		Day 57	2020-08-21 09:04 (29)	5.5		- 18.8
	Creatinine (umol/L)	Screening	2020-06-18 08:28 (-8)	62		62 - 124
		Day 29	2020-07-24 08:40 (29)	62		62 - 124
		Day 57	2020-08-21 09:04 (29)	53 (L)		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011126	Direct Bilirubin (umol/L)	Screening	2020-06-18 08:28 (-8)	<3.4		0 - 6.8
		Day 29	2020-07-24 08:40 (29)	<3.4		0 - 6.8
		Day 57	2020-08-21 09:04 (29)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-18 08:28 (-8)	0.12		0 - 0.8
		Day 29	2020-07-24 08:40 (29)	0.11		0 - 0.8
		Day 57	2020-08-21 09:04 (29)	0.14		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-18 08:28 (-8)	2.2		0 - 7
		Day 29	2020-07-24 08:40 (29)	2.0		0 - 7
		Day 57	2020-08-21 09:04 (29)	2.5		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-18 08:28 (-8)	4.82		3.7 - 5.2
		Day 29	2020-07-24 08:40 (29)	4.75		3.7 - 5.2
		Day 57	2020-08-21 09:04 (29)	4.89		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011126	Hematocrit (L/L)	Screening	2020-06-18 08:28 (-8)	0.489 (H)		0.33 - 0.47
		Day 29	2020-07-24 08:40 (29)	0.495 (H)		0.33 - 0.47
		Day 57	2020-08-21 09:04 (29)	0.498 (H)		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-18 08:28 (-8)	154		110 - 155
		Day 29	2020-07-24 08:40 (29)	153	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-21 09:04 (29)	158 (H)		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-18 08:28 (-8)	<0.03		0 - 0.07
		Day 29	2020-07-24 08:40 (29)	<0.03		0 - 0.07
		Day 57	2020-08-21 09:04 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-18 08:28 (-8)	0.2		0 - 1
		Day 29	2020-07-24 08:40 (29)	0.2		0 - 1
		Day 57	2020-08-21 09:04 (29)	0.2		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011126	Leukocytes (10^9/L)	Screening	2020-06-18 08:28 (-8)	5.54		3.7 - 11
		Day 29	2020-07-24 08:40 (29)	5.43		3.7 - 11
		Day 57	2020-08-21 09:04 (29)	5.71		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-18 08:28 (-8)	1.99		0.9 - 3.6
		Day 29	2020-07-24 08:40 (29)	1.99		0.9 - 3.6
		Day 57	2020-08-21 09:04 (29)	1.87		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-18 08:28 (-8)	35.9		12 - 46
		Day 29	2020-07-24 08:40 (29)	36.6		12 - 46
		Day 57	2020-08-21 09:04 (29)	32.7		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-18 08:28 (-8)	0.48		0 - 1.2
		Day 29	2020-07-24 08:40 (29)	0.48		0 - 1.2
		Day 57	2020-08-21 09:04 (29)	0.38		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011126	Monocytes/Leukocytes (%)	Screening	2020-06-18 08:28 (-8)	8.7		0 - 11
		Day 29	2020-07-24 08:40 (29)	8.8		0 - 11
		Day 57	2020-08-21 09:04 (29)	6.7		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-18 08:28 (-8)	2.91		1.7 - 7.9
		Day 29	2020-07-24 08:40 (29)	2.80		1.7 - 7.9
		Day 57	2020-08-21 09:04 (29)	3.26		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-18 08:28 (-8)	52.5		34 - 71
		Day 29	2020-07-24 08:40 (29)	51.7		34 - 71
		Day 57	2020-08-21 09:04 (29)	57.0		34 - 71
	Platelets (10^9/L)	Screening	2020-06-18 08:28 (-8)	173		163 - 375
		Day 29	2020-07-24 08:40 (29)	165		163 - 375
		Day 57	2020-08-21 09:04 (29)	186		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011126	Prothrombin Intl. Normalized Ratio	Screening	2020-06-18 08:28 (-8)	1.0		0.9 - 1.1
		Day 29	2020-07-24 08:40 (29)	1.0		0.9 - 1.1
		Day 57	2020-08-21 09:04 (29)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-18 08:28 (-8)	11.6		9.4 - 12.5
		Day 29	2020-07-24 08:40 (29)	12.1		9.4 - 12.5
		Day 57	2020-08-21 09:04 (29)	11.8		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-18 08:28 (-8)	7.50 (H)		1.78 - 7.14
		Day 29	2020-07-24 08:40 (29)	7.14		1.78 - 7.14
		Day 57	2020-08-21 09:04 (29)	9.28 (H)	G1 Blood Urea Nitrogen Increased	1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-18 08:28 (-8)	30.0 (H)		7.8 - 26.7
		Day 29	2020-07-24 08:40 (29)	28.6 (H)		7.8 - 26.7
		Day 57	2020-08-21 09:04 (29)	43.3 (H)		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011130	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-18 14:07 (-8)	28.3		25.1 - 36.5
		Day 29	2020-07-24 13:25 (29)	29.0		25.1 - 36.5
		Day 57	2020-08-21 15:18 (29)	26.4		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-18 14:07 (-8)	21		10 - 40
		Day 29	2020-07-24 13:25 (29)	23		10 - 40
		Day 57	2020-08-21 15:18 (29)	24		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-18 14:07 (-8)	70		43 - 115
		Day 29	2020-07-24 13:25 (29)	77		43 - 115
		Day 57	2020-08-21 15:18 (29)	76		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-18 14:07 (-8)	27		10 - 43
		Day 29	2020-07-24 13:25 (29)	30		10 - 43
		Day 57	2020-08-21 15:18 (29)	27		10 - 43

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011130	Basophils (10^9/L)	Screening	2020-06-18 14:07 (-8)	0.03		0 - 0.3
		Day 29	2020-07-24 13:25 (29)	0.03		0 - 0.3
		Day 57	2020-08-21 15:18 (29)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-18 14:07 (-8)	0.5		0 - 3
		Day 29	2020-07-24 13:25 (29)	0.6		0 - 3
		Day 57	2020-08-21 15:18 (29)	0.6		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-18 14:07 (-8)	6.7		- 18.8
		Day 29	2020-07-24 13:25 (29)	6.8		- 18.8
		Day 57	2020-08-21 15:18 (29)	5.1		- 18.8
	Creatinine (umol/L)	Screening	2020-06-18 14:07 (-8)	80		62 - 124
		Day 29	2020-07-24 13:25 (29)	88		62 - 124
		Day 57	2020-08-21 15:18 (29)	71		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011130	Direct Bilirubin (umol/L)	Screening	2020-06-18 14:07 (-8)	<3.4		0 - 6.8
		Day 29	2020-07-24 13:25 (29)	<3.4		0 - 6.8
		Day 57	2020-08-21 15:18 (29)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-18 14:07 (-8)	0.06		0 - 0.8
		Day 29	2020-07-24 13:25 (29)	0.09		0 - 0.8
		Day 57	2020-08-21 15:18 (29)	0.10		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-18 14:07 (-8)	1.0		0 - 7
		Day 29	2020-07-24 13:25 (29)	1.8		0 - 7
		Day 57	2020-08-21 15:18 (29)	1.9		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-18 14:07 (-8)	5.24		4.63 - 6.08
		Day 29	2020-07-24 13:25 (29)	4.91		4.63 - 6.08
		Day 57	2020-08-21 15:18 (29)	5.26		4.63 - 6.08

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011130	Hematocrit (L/L)	Screening	2020-06-18 14:07 (-8)	0.505		0.37 - 0.51
		Day 29	2020-07-24 13:25 (29)	0.481		0.37 - 0.51
		Day 57	2020-08-21 15:18 (29)	0.511 (H)		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-18 14:07 (-8)	159		125 - 170
		Day 29	2020-07-24 13:25 (29)	150	G1 Hemoglobin Decreased	125 - 170
		Day 57	2020-08-21 15:18 (29)	160		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-18 14:07 (-8)	<0.03		0 - 0.07
		Day 29	2020-07-24 13:25 (29)	<0.03		0 - 0.07
		Day 57	2020-08-21 15:18 (29)	0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-18 14:07 (-8)	0.3		0 - 1
		Day 29	2020-07-24 13:25 (29)	0.2		0 - 1
		Day 57	2020-08-21 15:18 (29)	0.6		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011130	Leukocytes (10^9/L)	Screening	2020-06-18 14:07 (-8)	5.87		3.7 - 11
		Day 29	2020-07-24 13:25 (29)	4.93		3.7 - 11
		Day 57	2020-08-21 15:18 (29)	5.21		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-18 14:07 (-8)	1.62		0.9 - 3.6
		Day 29	2020-07-24 13:25 (29)	1.42		0.9 - 3.6
		Day 57	2020-08-21 15:18 (29)	1.51		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-18 14:07 (-8)	27.6		12 - 46
		Day 29	2020-07-24 13:25 (29)	28.8		12 - 46
		Day 57	2020-08-21 15:18 (29)	29.0		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-18 14:07 (-8)	0.59		0 - 1.2
		Day 29	2020-07-24 13:25 (29)	0.45		0 - 1.2
		Day 57	2020-08-21 15:18 (29)	0.55		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011130	Monocytes/Leukocytes (%)	Screening	2020-06-18 14:07 (-8)	10.1		0 - 11
		Day 29	2020-07-24 13:25 (29)	9.1		0 - 11
		Day 57	2020-08-21 15:18 (29)	10.6		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-18 14:07 (-8)	3.55		1.7 - 7.9
		Day 29	2020-07-24 13:25 (29)	2.93		1.7 - 7.9
		Day 57	2020-08-21 15:18 (29)	2.99		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-18 14:07 (-8)	60.5		34 - 71
		Day 29	2020-07-24 13:25 (29)	59.5		34 - 71
		Day 57	2020-08-21 15:18 (29)	57.3		34 - 71
	Platelets (10^9/L)	Screening	2020-06-18 14:07 (-8)	259		163 - 375
		Day 29	2020-07-24 13:25 (29)	313		163 - 375
		Day 57	2020-08-21 15:18 (29)	283		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011130	Prothrombin Intl. Normalized Ratio	Screening	2020-06-18 14:07 (-8)	0.9		0.9 - 1.1
		Day 29	2020-07-24 13:25 (29)	0.9		0.9 - 1.1
		Day 57	2020-08-21 15:18 (29)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-18 14:07 (-8)	10.8		9.4 - 12.5
		Day 29	2020-07-24 13:25 (29)	10.7		9.4 - 12.5
		Day 57	2020-08-21 15:18 (29)	10.6		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-18 14:07 (-8)	4.64		1.78 - 7.14
		Day 29	2020-07-24 13:25 (29)	4.64		1.78 - 7.14
		Day 57	2020-08-21 15:18 (29)	7.14		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-18 14:07 (-8)	14.4		7.8 - 26.7
		Day 29	2020-07-24 13:25 (29)	13.0		7.8 - 26.7
		Day 57	2020-08-21 15:18 (29)	25.0		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011131	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-18 15:13 (-8)	35.0		25.1 - 36.5
		Day 29	2020-07-24 14:15 (29)	32.4		25.1 - 36.5
		Day 57	2020-08-21 17:05 (29)	29.7		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-18 15:13 (-8)	24		10 - 33
		Day 29	2020-07-24 14:15 (29)	55 (H)	G1 Alanine Aminotransferase Increased	10 - 33
		Day 57	2020-08-21 17:05 (29)	80 (H)	G1 Alanine Aminotransferase Increased	10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-18 15:13 (-8)	53		30 - 115
		Day 29	2020-07-24 14:15 (29)	51		30 - 115
		Day 57	2020-08-21 17:05 (29)	50		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-18 15:13 (-8)	25		10 - 36
		Day 29	2020-07-24 14:15 (29)	48 (H)	G1 Aspartate Aminotransferase Increased	10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011131	Aspartate Aminotransferase (U/L)	Day 57	2020-08-21 17:05 (29)	55 (H)	G1 Aspartate Aminotransferase Increased	10 - 36
	Basophils (10^9/L)	Screening	2020-06-18 15:13 (-8)	<0.03		0 - 0.3
		Day 29	2020-07-24 14:15 (29)	<0.03		0 - 0.3
		Day 57	2020-08-21 17:05 (29)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-18 15:13 (-8)	0.4		0 - 3
		Day 29	2020-07-24 14:15 (29)	0.4		0 - 3
		Day 57	2020-08-21 17:05 (29)	0.6		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-18 15:13 (-8)	7.4		- 18.8
		Day 29	2020-07-24 14:15 (29)	8.0		- 18.8
		Day 57	2020-08-21 17:05 (29)	8.4		- 18.8
	Creatinine (umol/L)	Screening	2020-06-18 15:13 (-8)	53 (L)		62 - 124
		Day 29	2020-07-24 14:15 (29)	62		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011131	Creatinine (umol/L)	Day 57	2020-08-21 17:05 (29)	44 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-18 15:13 (-8)	<3.4		0 - 6.8
		Day 29	2020-07-24 14:15 (29)	<3.4		0 - 6.8
		Day 57	2020-08-21 17:05 (29)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-18 15:13 (-8)	0.07		0 - 0.8
		Day 29	2020-07-24 14:15 (29)	0.34		0 - 0.8
		Day 57	2020-08-21 17:05 (29)	0.13		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-18 15:13 (-8)	1.2		0 - 7
		Day 29	2020-07-24 14:15 (29)	6.7		0 - 7
		Day 57	2020-08-21 17:05 (29)	2.8		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-18 15:13 (-8)	4.71		3.7 - 5.2
		Day 29	2020-07-24 14:15 (29)	4.46		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011131	Erythrocytes (10^12/L)	Day 57	2020-08-21 17:05 (29)	4.51		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-18 15:13 (-8)	0.453		0.33 - 0.47
		Day 29	2020-07-24 14:15 (29)	0.443		0.33 - 0.47
		Day 57	2020-08-21 17:05 (29)	0.429		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-18 15:13 (-8)	142		110 - 155
		Day 29	2020-07-24 14:15 (29)	134	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-21 17:05 (29)	135	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-18 15:13 (-8)	<0.03		0 - 0.07
		Day 29	2020-07-24 14:15 (29)	<0.03		0 - 0.07
		Day 57	2020-08-21 17:05 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-18 15:13 (-8)	0.4		0 - 1
		Day 29	2020-07-24 14:15 (29)	0.4		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011131	Immature Granulocytes/Leukocytes (%)	Day 57	2020-08-21 17:05 (29)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-18 15:13 (-8)	5.61		3.7 - 11
		Day 29	2020-07-24 14:15 (29)	5.05		3.7 - 11
		Day 57	2020-08-21 17:05 (29)	4.63		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-18 15:13 (-8)	2.02		0.9 - 3.6
		Day 29	2020-07-24 14:15 (29)	1.40		0.9 - 3.6
		Day 57	2020-08-21 17:05 (29)	1.65		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-18 15:13 (-8)	36.0		12 - 46
		Day 29	2020-07-24 14:15 (29)	27.7		12 - 46
		Day 57	2020-08-21 17:05 (29)	35.6		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-18 15:13 (-8)	0.46		0 - 1.2
		Day 29	2020-07-24 14:15 (29)	0.31		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011131	Monocytes (10^9/L)	Day 57	2020-08-21 17:05 (29)	0.29		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-18 15:13 (-8)	8.2		0 - 11
		Day 29	2020-07-24 14:15 (29)	6.1		0 - 11
		Day 57	2020-08-21 17:05 (29)	6.3		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-18 15:13 (-8)	3.02		1.7 - 7.9
		Day 29	2020-07-24 14:15 (29)	2.96		1.7 - 7.9
		Day 57	2020-08-21 17:05 (29)	2.52		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-18 15:13 (-8)	53.8		34 - 71
		Day 29	2020-07-24 14:15 (29)	58.7		34 - 71
		Day 57	2020-08-21 17:05 (29)	54.5		34 - 71
	Platelets (10^9/L)	Screening	2020-06-18 15:13 (-8)	222		163 - 375
		Day 29	2020-07-24 14:15 (29)	221		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011131	Platelets (10^9/L)	Day 57	2020-08-21 17:05 (29)	242		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-18 15:13 (-8)	1.0		0.9 - 1.1
		Day 29	2020-07-24 14:15 (29)	1.0		0.9 - 1.1
		Day 57	2020-08-21 17:05 (29)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-18 15:13 (-8)	11.5		9.4 - 12.5
		Day 29	2020-07-24 14:15 (29)	12.0		9.4 - 12.5
		Day 57	2020-08-21 17:05 (29)	12.2		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-18 15:13 (-8)	3.57		1.78 - 7.14
		Day 29	2020-07-24 14:15 (29)	4.64		1.78 - 7.14
		Day 57	2020-08-21 17:05 (29)	5.00		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-18 15:13 (-8)	16.7		7.8 - 26.7
		Day 29	2020-07-24 14:15 (29)	18.6		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011131	Urea Nitrogen/Creatinine	Day 57	2020-08-21 17:05 (29)	28.0 (H)		7.8 - 26.7
US2011145	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-23 14:18 (-3)	29.7		25.1 - 36.5
		Day 29	2020-07-24 10:50 (29)	31.8		25.1 - 36.5
		Day 57	2020-08-20 11:50 (28)	33.6		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-23 14:18 (-3)	14		10 - 33
		Day 29	2020-07-24 10:50 (29)	11		10 - 33
		Day 57	2020-08-20 11:50 (28)	17		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-23 14:18 (-3)	101		30 - 115
		Day 29	2020-07-24 10:50 (29)	107		30 - 115
		Day 57	2020-08-20 11:50 (28)	106		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-23 14:18 (-3)	24		10 - 36
		Day 29	2020-07-24 10:50 (29)	24		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011145	Aspartate Aminotransferase (U/L)	Day 57	2020-08-20 11:50 (28)	22		10 - 36
	Basophils (10^9/L)	Screening	2020-06-23 14:18 (-3)	0.03		0 - 0.3
		Day 29	2020-07-24 10:50 (29)	0.05		0 - 0.3
		Day 57	2020-08-20 11:50 (28)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-23 14:18 (-3)	0.6		0 - 3
		Day 29	2020-07-24 10:50 (29)	1.0		0 - 3
		Day 57	2020-08-20 11:50 (28)	0.8		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-23 14:18 (-3)	12.3		- 18.8
		Day 29	2020-07-24 10:50 (29)	6.7		- 18.8
		Day 57	2020-08-20 11:50 (28)	7.7		- 18.8
	Creatinine (umol/L)	Screening	2020-06-23 14:18 (-3)	62		62 - 124
		Day 29	2020-07-24 10:50 (29)	62		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011145	Creatinine (umol/L)	Day 57	2020-08-20 11:50 (28)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-23 14:18 (-3)	<3.4		0 - 6.8
		Day 29	2020-07-24 10:50 (29)	<3.4		0 - 6.8
		Day 57	2020-08-20 11:50 (28)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-23 14:18 (-3)	0.08		0 - 0.8
		Day 29	2020-07-24 10:50 (29)	0.09		0 - 0.8
		Day 57	2020-08-20 11:50 (28)	0.10		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-23 14:18 (-3)	1.5		0 - 7
		Day 29	2020-07-24 10:50 (29)	1.7		0 - 7
		Day 57	2020-08-20 11:50 (28)	2.0		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-23 14:18 (-3)	4.70		3.7 - 5.2
		Day 29	2020-07-24 10:50 (29)	4.43		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011145	Erythrocytes (10^12/L)	Day 57	2020-08-20 11:50 (28)	4.66		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-23 14:18 (-3)	0.464		0.33 - 0.47
		Day 29	2020-07-24 10:50 (29)	0.458		0.33 - 0.47
		Day 57	2020-08-20 11:50 (28)	0.474 (H)		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-23 14:18 (-3)	151		110 - 155
		Day 29	2020-07-24 10:50 (29)	138	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-20 11:50 (28)	146	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-23 14:18 (-3)	<0.03		0 - 0.07
		Day 29	2020-07-24 10:50 (29)	<0.03		0 - 0.07
		Day 57	2020-08-20 11:50 (28)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-23 14:18 (-3)	0.4		0 - 1
		Day 29	2020-07-24 10:50 (29)	0.2		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011145	Immature Granulocytes/Leukocytes (%)	Day 57	2020-08-20 11:50 (28)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-23 14:18 (-3)	5.22		3.7 - 11
		Day 29	2020-07-24 10:50 (29)	5.15		3.7 - 11
		Day 57	2020-08-20 11:50 (28)	5.02		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-23 14:18 (-3)	1.91		0.9 - 3.6
		Day 29	2020-07-24 10:50 (29)	1.75		0.9 - 3.6
		Day 57	2020-08-20 11:50 (28)	2.08		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-23 14:18 (-3)	36.6		12 - 46
		Day 29	2020-07-24 10:50 (29)	34.0		12 - 46
		Day 57	2020-08-20 11:50 (28)	41.4		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-23 14:18 (-3)	0.37		0 - 1.2
		Day 29	2020-07-24 10:50 (29)	0.46		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011145	Monocytes (10^9/L)	Day 57	2020-08-20 11:50 (28)	0.39		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-23 14:18 (-3)	7.1		0 - 11
		Day 29	2020-07-24 10:50 (29)	8.9		0 - 11
		Day 57	2020-08-20 11:50 (28)	7.8		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-23 14:18 (-3)	2.81		1.7 - 7.9
		Day 29	2020-07-24 10:50 (29)	2.79		1.7 - 7.9
		Day 57	2020-08-20 11:50 (28)	2.40		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-23 14:18 (-3)	53.8		34 - 71
		Day 29	2020-07-24 10:50 (29)	54.2		34 - 71
		Day 57	2020-08-20 11:50 (28)	47.8		34 - 71
	Platelets (10^9/L)	Screening	2020-06-23 14:18 (-3)	245		163 - 375
		Day 29	2020-07-24 10:50 (29)	224		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011145	Platelets (10^9/L)	Day 57	2020-08-20 11:50 (28)	244		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-23 14:18 (-3)	1.0		0.9 - 1.1
		Day 29	2020-07-24 10:50 (29)	0.9		0.9 - 1.1
		Day 57	2020-08-20 11:50 (28)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-23 14:18 (-3)	11.3		9.4 - 12.5
		Day 29	2020-07-24 10:50 (29)	10.7		9.4 - 12.5
		Day 57	2020-08-20 11:50 (28)	11.8		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-23 14:18 (-3)	5.00		1.78 - 7.14
		Day 29	2020-07-24 10:50 (29)	5.71		1.78 - 7.14
		Day 57	2020-08-20 11:50 (28)	5.00		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-23 14:18 (-3)	20.0		7.8 - 26.7
		Day 29	2020-07-24 10:50 (29)	22.9		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011145	Urea Nitrogen/Creatinine	Day 57	2020-08-20 11:50 (28)	17.5		7.8 - 26.7
US2011152	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-25 12:32 (-4)	28.4		25.1 - 36.5
		Day 29	2020-07-27 11:00 (29)	28.2		25.1 - 36.5
		Day 57	2020-08-31 10:20 (36)	28.1		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-25 12:32 (-4)	14		10 - 33
		Day 29	2020-07-27 11:00 (29)	12		10 - 33
		Day 57	2020-08-31 10:20 (36)	12		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-25 12:32 (-4)	77		30 - 115
		Day 29	2020-07-27 11:00 (29)	74		30 - 115
		Day 57	2020-08-31 10:20 (36)	68		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-25 12:32 (-4)	21		10 - 36
		Day 29	2020-07-27 11:00 (29)	14		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011152	Aspartate Aminotransferase (U/L)	Day 57	2020-08-31 10:20 (36)	15		10 - 36
	Basophils (10^9/L)	Screening	2020-06-25 12:32 (-4)	0.04		0 - 0.3
		Day 29	2020-07-27 11:00 (29)	0.04		0 - 0.3
		Day 57	2020-08-31 10:20 (36)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-25 12:32 (-4)	0.6		0 - 3
		Day 29	2020-07-27 11:00 (29)	0.8		0 - 3
		Day 57	2020-08-31 10:20 (36)	0.5		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-25 12:32 (-4)	7.7		- 18.8
		Day 29	2020-07-27 11:00 (29)	7.9		- 18.8
		Day 57	2020-08-31 10:20 (36)	6.5		- 18.8
	Creatinine (umol/L)	Screening	2020-06-25 12:32 (-4)	62		62 - 124
		Day 29	2020-07-27 11:00 (29)	44 (L)		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011152	Creatinine (umol/L)	Day 57	2020-08-31 10:20 (36)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-25 12:32 (-4)	<3.4		0 - 6.8
		Day 29	2020-07-27 11:00 (29)	<3.4		0 - 6.8
		Day 57	2020-08-31 10:20 (36)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-25 12:32 (-4)	0.10		0 - 0.8
		Day 29	2020-07-27 11:00 (29)	0.09		0 - 0.8
		Day 57	2020-08-31 10:20 (36)	0.07		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-25 12:32 (-4)	1.5		0 - 7
		Day 29	2020-07-27 11:00 (29)	1.7		0 - 7
		Day 57	2020-08-31 10:20 (36)	1.1		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-25 12:32 (-4)	4.30		3.7 - 5.2
		Day 29	2020-07-27 11:00 (29)	3.83		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011152	Erythrocytes (10^12/L)	Day 57	2020-08-31 10:20 (36)	3.84		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-25 12:32 (-4)	0.448		0.33 - 0.47
		Day 29	2020-07-27 11:00 (29)	0.403		0.33 - 0.47
		Day 57	2020-08-31 10:20 (36)	0.413		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-25 12:32 (-4)	142		110 - 155
		Day 29	2020-07-27 11:00 (29)	126	G2 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-31 10:20 (36)	127	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-25 12:32 (-4)	0.05		0 - 0.07
		Day 29	2020-07-27 11:00 (29)	0.03		0 - 0.07
		Day 57	2020-08-31 10:20 (36)	0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-25 12:32 (-4)	0.7		0 - 1
		Day 29	2020-07-27 11:00 (29)	0.6		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011152	Immature Granulocytes/Leukocytes (%)	Day 57	2020-08-31 10:20 (36)	0.5		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-25 12:32 (-4)	6.67		3.7 - 11
		Day 29	2020-07-27 11:00 (29)	5.22		3.7 - 11
		Day 57	2020-08-31 10:20 (36)	6.16		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-25 12:32 (-4)	1.43		0.9 - 3.6
		Day 29	2020-07-27 11:00 (29)	1.05		0.9 - 3.6
		Day 57	2020-08-31 10:20 (36)	1.16		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-25 12:32 (-4)	21.4		12 - 46
		Day 29	2020-07-27 11:00 (29)	20.1		12 - 46
		Day 57	2020-08-31 10:20 (36)	18.8		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-25 12:32 (-4)	0.51		0 - 1.2
		Day 29	2020-07-27 11:00 (29)	0.59		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011152	Monocytes (10^9/L)	Day 57	2020-08-31 10:20 (36)	0.73		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-25 12:32 (-4)	7.6		0 - 11
		Day 29	2020-07-27 11:00 (29)	11.3 (H)		0 - 11
		Day 57	2020-08-31 10:20 (36)	11.9 (H)		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-25 12:32 (-4)	4.54		1.7 - 7.9
		Day 29	2020-07-27 11:00 (29)	3.42		1.7 - 7.9
		Day 57	2020-08-31 10:20 (36)	4.14		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-25 12:32 (-4)	68.2		34 - 71
		Day 29	2020-07-27 11:00 (29)	65.5		34 - 71
		Day 57	2020-08-31 10:20 (36)	67.2		34 - 71
	Platelets (10^9/L)	Screening	2020-06-25 12:32 (-4)	273		163 - 375
		Day 29	2020-07-27 11:00 (29)	262		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011152	Platelets (10^9/L)	Day 57	2020-08-31 10:20 (36)	340		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-25 12:32 (-4)	0.9		0.9 - 1.1
		Day 29	2020-07-27 11:00 (29)	0.9		0.9 - 1.1
		Day 57	2020-08-31 10:20 (36)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-25 12:32 (-4)	10.6		9.4 - 12.5
		Day 29	2020-07-27 11:00 (29)	10.7		9.4 - 12.5
		Day 57	2020-08-31 10:20 (36)	11.6		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-25 12:32 (-4)	5.35		1.78 - 7.14
		Day 29	2020-07-27 11:00 (29)	7.14		1.78 - 7.14
		Day 57	2020-08-31 10:20 (36)	9.28 (H)	G1 Blood Urea Nitrogen Increased	1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-25 12:32 (-4)	21.4		7.8 - 26.7
		Day 29	2020-07-27 11:00 (29)	40.0 (H)		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011152	Urea Nitrogen/Creatinine	Day 57	2020-08-31 10:20 (36)	37.1 (H)		7.8 - 26.7
US2011155	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-25 14:47 (-5)	34.0		25.1 - 36.5
		Day 29	2020-07-28 13:46 (29)	30.9		25.1 - 36.5
		Day 57	2020-08-26 11:35 (30)	28.8		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-25 14:47 (-5)	15		10 - 33
		Day 29	2020-07-28 13:46 (29)	15		10 - 33
		Day 57	2020-08-26 11:35 (30)	17		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-25 14:47 (-5)	29 (L)		30 - 115
		Day 29	2020-07-28 13:46 (29)	30		30 - 115
		Day 57	2020-08-26 11:35 (30)	29 (L)		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-25 14:47 (-5)	25		10 - 36
		Day 29	2020-07-28 13:46 (29)	23		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011155	Aspartate Aminotransferase (U/L)	Day 57	2020-08-26 11:35 (30)	20		10 - 36
	Basophils (10^9/L)	Screening	2020-06-25 14:47 (-5)	0.07		0 - 0.3
		Day 29	2020-07-28 13:46 (29)	0.09		0 - 0.3
		Day 57	2020-08-26 11:35 (30)	0.07		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-25 14:47 (-5)	1.0		0 - 3
		Day 29	2020-07-28 13:46 (29)	1.2		0 - 3
		Day 57	2020-08-26 11:35 (30)	0.9		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-25 14:47 (-5)	9.9		- 18.8
		Day 29	2020-07-28 13:46 (29)	8.2		- 18.8
		Day 57	2020-08-26 11:35 (30)	10.8		- 18.8
	Creatinine (umol/L)	Screening	2020-06-25 14:47 (-5)	62		62 - 124
		Day 29	2020-07-28 13:46 (29)	62		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011155	Creatinine (umol/L)	Day 57	2020-08-26 11:35 (30)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-25 14:47 (-5)	<3.4		0 - 6.8
		Day 29	2020-07-28 13:46 (29)	<3.4		0 - 6.8
		Day 57	2020-08-26 11:35 (30)	3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-25 14:47 (-5)	0.30		0 - 0.8
		Day 29	2020-07-28 13:46 (29)	0.22		0 - 0.8
		Day 57	2020-08-26 11:35 (30)	0.21		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-25 14:47 (-5)	4.1		0 - 7
		Day 29	2020-07-28 13:46 (29)	3.0		0 - 7
		Day 57	2020-08-26 11:35 (30)	2.6		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-25 14:47 (-5)	4.29		3.7 - 5.2
		Day 29	2020-07-28 13:46 (29)	4.25		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011155	Erythrocytes (10^12/L)	Day 57	2020-08-26 11:35 (30)	4.14		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-25 14:47 (-5)	0.425		0.33 - 0.47
		Day 29	2020-07-28 13:46 (29)	0.424		0.33 - 0.47
		Day 57	2020-08-26 11:35 (30)	0.416		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-25 14:47 (-5)	129		110 - 155
		Day 29	2020-07-28 13:46 (29)	132		110 - 155
		Day 57	2020-08-26 11:35 (30)	128	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-25 14:47 (-5)	<0.03		0 - 0.07
		Day 29	2020-07-28 13:46 (29)	<0.03		0 - 0.07
		Day 57	2020-08-26 11:35 (30)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-25 14:47 (-5)	0.0		0 - 1
		Day 29	2020-07-28 13:46 (29)	0.3		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011155	Immature Granulocytes/Leukocytes (%)	Day 57	2020-08-26 11:35 (30)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-25 14:47 (-5)	7.32		3.7 - 11
		Day 29	2020-07-28 13:46 (29)	7.44		3.7 - 11
		Day 57	2020-08-26 11:35 (30)	8.09		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-25 14:47 (-5)	1.80		0.9 - 3.6
		Day 29	2020-07-28 13:46 (29)	1.79		0.9 - 3.6
		Day 57	2020-08-26 11:35 (30)	1.63		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-25 14:47 (-5)	24.6		12 - 46
		Day 29	2020-07-28 13:46 (29)	24.1		12 - 46
		Day 57	2020-08-26 11:35 (30)	20.1		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-25 14:47 (-5)	0.86		0 - 1.2
		Day 29	2020-07-28 13:46 (29)	0.80		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011155	Monocytes (10^9/L)	Day 57	2020-08-26 11:35 (30)	0.84		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-25 14:47 (-5)	11.7 (H)		0 - 11
		Day 29	2020-07-28 13:46 (29)	10.8		0 - 11
		Day 57	2020-08-26 11:35 (30)	10.4		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-25 14:47 (-5)	4.29		1.7 - 7.9
		Day 29	2020-07-28 13:46 (29)	4.52		1.7 - 7.9
		Day 57	2020-08-26 11:35 (30)	5.32		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-25 14:47 (-5)	58.6		34 - 71
		Day 29	2020-07-28 13:46 (29)	60.6		34 - 71
		Day 57	2020-08-26 11:35 (30)	65.8		34 - 71
	Platelets (10^9/L)	Screening	2020-06-25 14:47 (-5)	221		163 - 375
		Day 29	2020-07-28 13:46 (29)	221		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011155	Platelets (10^9/L)	Day 57	2020-08-26 11:35 (30)	228		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-25 14:47 (-5)	1.0		0.9 - 1.1
		Day 29	2020-07-28 13:46 (29)	0.9		0.9 - 1.1
		Day 57	2020-08-26 11:35 (30)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-25 14:47 (-5)	11.6		9.4 - 12.5
		Day 29	2020-07-28 13:46 (29)	11.3		9.4 - 12.5
		Day 57	2020-08-26 11:35 (30)	12.0		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-25 14:47 (-5)	6.78		1.78 - 7.14
		Day 29	2020-07-28 13:46 (29)	5.71		1.78 - 7.14
		Day 57	2020-08-26 11:35 (30)	9.64 (H)	G2 Blood Urea Nitrogen Increased	1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-25 14:47 (-5)	27.1 (H)		7.8 - 26.7
		Day 29	2020-07-28 13:46 (29)	22.9		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011155	Urea Nitrogen/Creatinine	Day 57	2020-08-26 11:35 (30)	38.6 (H)		7.8 - 26.7
US2011156	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-25 15:29 (-5)	32.5		25.1 - 36.5
		Day 29	2020-07-28 09:10 (29)	28.6		25.1 - 36.5
		Day 57	2020-08-26 07:55 (30)	27.3		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-25 15:29 (-5)	23		10 - 33
		Day 29	2020-07-28 09:10 (29)	15		10 - 33
		Day 57	2020-08-26 07:55 (30)	16		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-25 15:29 (-5)	79		30 - 115
		Day 29	2020-07-28 09:10 (29)	71		30 - 115
		Day 57	2020-08-26 07:55 (30)	73		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-25 15:29 (-5)	22		10 - 36
		Day 29	2020-07-28 09:10 (29)	20		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011156	Aspartate Aminotransferase (U/L)	Day 57	2020-08-26 07:55 (30)	18		10 - 36
	Basophils (10^9/L)	Screening	2020-06-25 15:29 (-5)	0.03		0 - 0.3
		Day 29	2020-07-28 09:10 (29)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-25 15:29 (-5)	0.4		0 - 3
		Day 29	2020-07-28 09:10 (29)	0.5		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-25 15:29 (-5)	13.5		- 18.8
		Day 29	2020-07-28 09:10 (29)	13.7		- 18.8
		Day 57	2020-08-26 07:55 (30)	13.2		- 18.8
	Creatinine (umol/L)	Screening	2020-06-25 15:29 (-5)	71		62 - 124
		Day 29	2020-07-28 09:10 (29)	62		62 - 124
		Day 57	2020-08-26 07:55 (30)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-25 15:29 (-5)	<3.4		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011156	Direct Bilirubin (umol/L)	Day 29	2020-07-28 09:10 (29)	<3.4		0 - 6.8
		Day 57	2020-08-26 07:55 (30)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-25 15:29 (-5)	0.08		0 - 0.8
		Day 29	2020-07-28 09:10 (29)	0.06		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-25 15:29 (-5)	1.2		0 - 7
		Day 29	2020-07-28 09:10 (29)	1.1		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-25 15:29 (-5)	4.32		3.7 - 5.2
		Day 29	2020-07-28 09:10 (29)	4.12		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-25 15:29 (-5)	0.428		0.33 - 0.47
		Day 29	2020-07-28 09:10 (29)	0.403		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-25 15:29 (-5)	132		110 - 155
		Day 29	2020-07-28 09:10 (29)	125	G1 Hemoglobin Decreased	110 - 155

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011156	Immature Granulocytes (10^9/L)	Screening	2020-06-25 15:29 (-5)	<0.03		0 - 0.07
		Day 29	2020-07-28 09:10 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-25 15:29 (-5)	0.3		0 - 1
		Day 29	2020-07-28 09:10 (29)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-25 15:29 (-5)	6.70		3.7 - 11
		Day 29	2020-07-28 09:10 (29)	5.67		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-25 15:29 (-5)	1.81		0.9 - 3.6
		Day 29	2020-07-28 09:10 (29)	1.36		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-25 15:29 (-5)	27.0		12 - 46
		Day 29	2020-07-28 09:10 (29)	24.0		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-25 15:29 (-5)	0.57		0 - 1.2
		Day 29	2020-07-28 09:10 (29)	0.44		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011156	Monocytes/Leukocytes (%)	Screening	2020-06-25 15:29 (-5)	8.5		0 - 11
		Day 29	2020-07-28 09:10 (29)	7.8		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-25 15:29 (-5)	4.19		1.7 - 7.9
		Day 29	2020-07-28 09:10 (29)	3.77		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-25 15:29 (-5)	62.6		34 - 71
		Day 29	2020-07-28 09:10 (29)	66.4		34 - 71
	Platelets (10^9/L)	Screening	2020-06-25 15:29 (-5)	258		163 - 375
		Day 29	2020-07-28 09:10 (29)	245		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-25 15:29 (-5)	0.9		0.9 - 1.1
		Day 29	2020-07-28 09:10 (29)	1.0		0.9 - 1.1
		Day 57	2020-08-26 07:55 (30)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-25 15:29 (-5)	10.8		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011156	Prothrombin Time (sec)	Day 29	2020-07-28 09:10 (29)	11.5		9.4 - 12.5
		Day 57	2020-08-26 07:55 (30)	12.5		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-25 15:29 (-5)	7.50 (H)		1.78 - 7.14
		Day 29	2020-07-28 09:10 (29)	8.21 (H)	G1 Blood Urea Nitrogen Increased	1.78 - 7.14
		Day 57	2020-08-26 07:55 (30)	8.57 (H)	G1 Blood Urea Nitrogen Increased	1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-25 15:29 (-5)	26.2		7.8 - 26.7
		Day 29	2020-07-28 09:10 (29)	32.9 (H)		7.8 - 26.7
		Day 57	2020-08-26 07:55 (30)	34.3 (H)		7.8 - 26.7
US2011157	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-25 16:12 (-5)	32.8		25.1 - 36.5
		Day 29	2020-07-28 17:20 (29)	29.6		25.1 - 36.5
		Day 57	2020-08-27 08:22 (31)	29.4		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011157	Alanine Aminotransferase (U/L)	Screening	2020-06-25 16:12 (-5)	14		10 - 33
		Day 29	2020-07-28 17:20 (29)	16		10 - 33
		Day 57	2020-08-27 08:22 (31)	14		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-25 16:12 (-5)	60		30 - 115
		Day 29	2020-07-28 17:20 (29)	57		30 - 115
		Day 57	2020-08-27 08:22 (31)	60		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-25 16:12 (-5)	23		10 - 36
		Day 29	2020-07-28 17:20 (29)	20		10 - 36
		Day 57	2020-08-27 08:22 (31)	19		10 - 36
	Basophils (10^9/L)	Screening	2020-06-25 16:12 (-5)	0.06		0 - 0.3
		Day 29	2020-07-28 17:20 (29)	0.06		0 - 0.3
		Day 57	2020-08-27 08:22 (31)	0.07		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011157	Basophils/Leukocytes (%)	Screening	2020-06-25 16:12 (-5)	1.2		0 - 3
		Day 29	2020-07-28 17:20 (29)	1.2		0 - 3
		Day 57	2020-08-27 08:22 (31)	1.8		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-25 16:12 (-5)	6.0		- 18.8
		Day 29	2020-07-28 17:20 (29)	3.1		- 18.8
		Day 57	2020-08-27 08:22 (31)	6.0		- 18.8
	Creatinine (umol/L)	Screening	2020-06-25 16:12 (-5)	53 (L)		62 - 124
		Day 29	2020-07-28 17:20 (29)	53 (L)		62 - 124
		Day 57	2020-08-27 08:22 (31)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-25 16:12 (-5)	<3.4		0 - 6.8
		Day 29	2020-07-28 17:20 (29)	<3.4		0 - 6.8
		Day 57	2020-08-27 08:22 (31)	<3.4		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011157	Eosinophils (10^9/L)	Screening	2020-06-25 16:12 (-5)	0.10		0 - 0.8
		Day 29	2020-07-28 17:20 (29)	0.14		0 - 0.8
		Day 57	2020-08-27 08:22 (31)	0.12		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-25 16:12 (-5)	2.0		0 - 7
		Day 29	2020-07-28 17:20 (29)	2.9		0 - 7
		Day 57	2020-08-27 08:22 (31)	3.0		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-25 16:12 (-5)	4.74		3.7 - 5.2
		Day 29	2020-07-28 17:20 (29)	4.47		3.7 - 5.2
		Day 57	2020-08-27 08:22 (31)	4.82		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-25 16:12 (-5)	0.449		0.33 - 0.47
		Day 29	2020-07-28 17:20 (29)	0.428		0.33 - 0.47
		Day 57	2020-08-27 08:22 (31)	0.483 (H)		0.33 - 0.47

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011157	Hemoglobin (g/L)	Screening	2020-06-25 16:12 (-5)	139		110 - 155
		Day 29	2020-07-28 17:20 (29)	133	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-27 08:22 (31)	147		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-25 16:12 (-5)	<0.03		0 - 0.07
		Day 29	2020-07-28 17:20 (29)	<0.03		0 - 0.07
		Day 57	2020-08-27 08:22 (31)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-25 16:12 (-5)	0.2		0 - 1
		Day 29	2020-07-28 17:20 (29)	0.2		0 - 1
		Day 57	2020-08-27 08:22 (31)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-25 16:12 (-5)	4.90		3.7 - 11
		Day 29	2020-07-28 17:20 (29)	4.81		3.7 - 11
		Day 57	2020-08-27 08:22 (31)	3.95		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011157	Lymphocytes (10^9/L)	Screening	2020-06-25 16:12 (-5)	1.32		0.9 - 3.6
		Day 29	2020-07-28 17:20 (29)	1.48		0.9 - 3.6
		Day 57	2020-08-27 08:22 (31)	1.21		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-25 16:12 (-5)	26.9		12 - 46
		Day 29	2020-07-28 17:20 (29)	30.8		12 - 46
		Day 57	2020-08-27 08:22 (31)	30.6		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-25 16:12 (-5)	0.35		0 - 1.2
		Day 29	2020-07-28 17:20 (29)	0.38		0 - 1.2
		Day 57	2020-08-27 08:22 (31)	0.26		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-25 16:12 (-5)	7.1		0 - 11
		Day 29	2020-07-28 17:20 (29)	7.9		0 - 11
		Day 57	2020-08-27 08:22 (31)	6.6		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011157	Neutrophils (10^9/L)	Screening	2020-06-25 16:12 (-5)	3.06		1.7 - 7.9
		Day 29	2020-07-28 17:20 (29)	2.74		1.7 - 7.9
		Day 57	2020-08-27 08:22 (31)	2.28		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-25 16:12 (-5)	62.6		34 - 71
		Day 29	2020-07-28 17:20 (29)	57.0		34 - 71
		Day 57	2020-08-27 08:22 (31)	57.7		34 - 71
	Platelets (10^9/L)	Screening	2020-06-25 16:12 (-5)	242		163 - 375
		Day 29	2020-07-28 17:20 (29)	230		163 - 375
		Day 57	2020-08-27 08:22 (31)	208		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-25 16:12 (-5)	1.0		0.9 - 1.1
		Day 29	2020-07-28 17:20 (29)	1.1		0.9 - 1.1
		Day 57	2020-08-27 08:22 (31)	1.1		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011157	Prothrombin Time (sec)	Screening	2020-06-25 16:12 (-5)	12.1		9.4 - 12.5
		Day 29	2020-07-28 17:20 (29)	13.3 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
		Day 57	2020-08-27 08:22 (31)	12.9 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-25 16:12 (-5)	3.21		1.78 - 7.14
		Day 29	2020-07-28 17:20 (29)	4.64		1.78 - 7.14
		Day 57	2020-08-27 08:22 (31)	3.21		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-25 16:12 (-5)	15.0		7.8 - 26.7
		Day 29	2020-07-28 17:20 (29)	21.7		7.8 - 26.7
		Day 57	2020-08-27 08:22 (31)	15.0		7.8 - 26.7
US2021022	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-26 15:33 (-6)	29.3		25.1 - 36.5
		Day 29	2020-07-06 11:42 (36)	28.1		25.1 - 36.5
		Day 57	2020-08-04 12:00 (30)	25.0 (L)		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021022	Alanine Aminotransferase (U/L)	Screening	2020-05-26 15:33 (-6)	20		10 - 33
		Day 29	2020-07-06 11:42 (36)	18		10 - 33
		Day 57	2020-08-04 12:00 (30)	19		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-26 15:33 (-6)	62		30 - 115
		Day 29	2020-07-06 11:42 (36)	55		30 - 115
		Day 57	2020-08-04 12:00 (30)	58		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-26 15:33 (-6)	21		10 - 36
		Day 29	2020-07-06 11:42 (36)	18		10 - 36
		Day 57	2020-08-04 12:00 (30)	22		10 - 36
	Basophils (10^9/L)	Screening	2020-05-26 15:33 (-6)	0.06		0 - 0.3
		Day 29	2020-07-06 11:42 (36)	0.08		0 - 0.3
		Day 57	2020-08-04 12:00 (30)	0.05		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021022	Basophils/Leukocytes (%)	Screening	2020-05-26 15:33 (-6)	1.2		0 - 3
		Day 29	2020-07-06 11:42 (36)	1.1		0 - 3
		Day 57	2020-08-04 12:00 (30)	1.2		0 - 3
	Bilirubin (umol/L)	Screening	2020-05-26 15:33 (-6)	9.1		- 18.8
		Day 29	2020-07-06 11:42 (36)	3.1		- 18.8
		Day 57	2020-08-04 12:00 (30)	6.3		- 18.8
	Creatinine (umol/L)	Screening	2020-05-26 15:33 (-6)	53 (L)		62 - 124
		Day 29	2020-07-06 11:42 (36)	53 (L)		62 - 124
		Day 57	2020-08-04 12:00 (30)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-26 15:33 (-6)	3.4		0 - 6.8
		Day 29	2020-07-06 11:42 (36)	<3.4		0 - 6.8
		Day 57	2020-08-04 12:00 (30)	<3.4		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021022	Eosinophils (10^9/L)	Screening	2020-05-26 15:33 (-6)	0.18		0 - 0.8
		Day 29	2020-07-06 11:42 (36)	0.33		0 - 0.8
		Day 57	2020-08-04 12:00 (30)	0.14		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-26 15:33 (-6)	3.5		0 - 7
		Day 29	2020-07-06 11:42 (36)	4.5		0 - 7
		Day 57	2020-08-04 12:00 (30)	3.4		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-26 15:33 (-6)	4.79		3.7 - 5.2
		Day 29	2020-07-06 11:42 (36)	4.53		3.7 - 5.2
		Day 57	2020-08-04 12:00 (30)	4.13		3.7 - 5.2
	Follicle Stimulating Hormone (IU/L)	Screening	2020-05-26 15:33 (-6)	64.7 (H)		1.7 - 21.5
	Hematocrit (L/L)	Screening	2020-05-26 15:33 (-6)	0.468		0.33 - 0.47
		Day 29	2020-07-06 11:42 (36)	0.459		0.33 - 0.47

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021022	Hematocrit (L/L)	Day 57	2020-08-04 12:00 (30)	0.408		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-26 15:33 (-6)	147		110 - 155
		Day 29	2020-07-06 11:42 (36)	139	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-04 12:00 (30)	127	G2 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-26 15:33 (-6)	<0.03		0 - 0.07
		Day 29	2020-07-06 11:42 (36)	<0.03		0 - 0.07
		Day 57	2020-08-04 12:00 (30)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-26 15:33 (-6)	0.4		0 - 1
		Day 29	2020-07-06 11:42 (36)	0.3		0 - 1
		Day 57	2020-08-04 12:00 (30)	0.5		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-26 15:33 (-6)	5.13		3.7 - 11
		Day 29	2020-07-06 11:42 (36)	7.37		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021022	Leukocytes (10^9/L)	Day 57	2020-08-04 12:00 (30)	4.12		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-26 15:33 (-6)	1.75		0.9 - 3.6
		Day 29	2020-07-06 11:42 (36)	1.60		0.9 - 3.6
		Day 57	2020-08-04 12:00 (30)	0.99	G1 Lymphocytes Decreased	0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-26 15:33 (-6)	34.1		12 - 46
		Day 29	2020-07-06 11:42 (36)	21.7		12 - 46
		Day 57	2020-08-04 12:00 (30)	24.0		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-26 15:33 (-6)	0.49		0 - 1.2
		Day 29	2020-07-06 11:42 (36)	0.61		0 - 1.2
		Day 57	2020-08-04 12:00 (30)	0.41		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-26 15:33 (-6)	9.6		0 - 11
		Day 29	2020-07-06 11:42 (36)	8.3		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021022	Monocytes/Leukocytes (%)	Day 57	2020-08-04 12:00 (30)	10.0		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-26 15:33 (-6)	2.63		1.7 - 7.9
		Day 29	2020-07-06 11:42 (36)	4.73		1.7 - 7.9
		Day 57	2020-08-04 12:00 (30)	2.51		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-26 15:33 (-6)	51.2		34 - 71
		Day 29	2020-07-06 11:42 (36)	64.1		34 - 71
		Day 57	2020-08-04 12:00 (30)	60.9		34 - 71
	Platelets (10^9/L)	Screening	2020-05-26 15:33 (-6)	259		163 - 375
		Day 29	2020-07-06 11:42 (36)	278		163 - 375
		Day 57	2020-08-04 12:00 (30)	152 (L)		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-26 15:33 (-6)	1.0		0.9 - 1.1
		Day 29	2020-07-06 11:42 (36)	0.9		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021022	Prothrombin Intl. Normalized Ratio	Day 57	2020-08-04 12:00 (30)	0.8 (L)		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-26 15:33 (-6)	11.2		9.4 - 12.5
		Day 29	2020-07-06 11:42 (36)	10.2		9.4 - 12.5
		Day 57	2020-08-04 12:00 (30)	10.2		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-05-26 15:33 (-6)	4.28		1.78 - 7.14
		Day 29	2020-07-06 11:42 (36)	6.78		1.78 - 7.14
		Day 57	2020-08-04 12:00 (30)	7.14		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-26 15:33 (-6)	20.0		7.8 - 26.7
		Day 29	2020-07-06 11:42 (36)	31.7 (H)		7.8 - 26.7
		Day 57	2020-08-04 12:00 (30)	28.6 (H)		7.8 - 26.7
US2021043	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-27 10:02 (-5)	35.1		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021043	Activated Partial Thromboplastin Time (sec)	Day 29	2020-07-02 10:32 (32)	37.4 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
		Day 57	2020-07-29 10:28 (28)	30.3		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-05-27 10:02 (-5)	39		10 - 40
		Day 29	2020-07-02 10:32 (32)	23		10 - 40
		Day 57	2020-07-29 10:28 (28)	28		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-05-27 10:02 (-5)	61		43 - 115
		Day 29	2020-07-02 10:32 (32)	57		43 - 115
		Day 57	2020-07-29 10:28 (28)	57		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-27 10:02 (-5)	30		10 - 43
		Day 29	2020-07-02 10:32 (32)	19		10 - 43
		Day 57	2020-07-29 10:28 (28)	20		10 - 43

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021043	Basophils (10^9/L)	Screening	2020-05-27 10:02 (-5)	0.03		0 - 0.3
		Day 29	2020-07-02 10:32 (32)	0.04		0 - 0.3
		Day 57	2020-07-29 10:28 (28)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-27 10:02 (-5)	0.6		0 - 3
		Day 29	2020-07-02 10:32 (32)	0.7		0 - 3
		Day 57	2020-07-29 10:28 (28)	0.6		0 - 3
	Bilirubin (umol/L)	Screening	2020-05-27 10:02 (-5)	9.2		- 18.8
		Day 29	2020-07-02 10:32 (32)	12.5		- 18.8
		Day 57	2020-07-29 10:28 (28)	11.5		- 18.8
	Creatinine (umol/L)	Screening	2020-05-27 10:02 (-5)	71		62 - 124
		Day 29	2020-07-02 10:32 (32)	80		62 - 124
		Day 57	2020-07-29 10:28 (28)	71		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021043	Direct Bilirubin (umol/L)	Screening	2020-05-27 10:02 (-5)	<3.4		0 - 6.8
		Day 29	2020-07-02 10:32 (32)	<3.4		0 - 6.8
		Day 57	2020-07-29 10:28 (28)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-05-27 10:02 (-5)	0.06		0 - 0.8
		Day 29	2020-07-02 10:32 (32)	0.07		0 - 0.8
		Day 57	2020-07-29 10:28 (28)	<0.03		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-27 10:02 (-5)	1.2		0 - 7
		Day 29	2020-07-02 10:32 (32)	1.3		0 - 7
		Day 57	2020-07-29 10:28 (28)	0.4		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-27 10:02 (-5)	4.96		4.63 - 6.08
		Day 29	2020-07-02 10:32 (32)	4.69		4.63 - 6.08
		Day 57	2020-07-29 10:28 (28)	4.64		4.63 - 6.08

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021043	Hematocrit (L/L)	Screening	2020-05-27 10:02 (-5)	0.502		0.37 - 0.51
		Day 29	2020-07-02 10:32 (32)	0.492		0.37 - 0.51
		Day 57	2020-07-29 10:28 (28)	0.491		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-05-27 10:02 (-5)	158		125 - 170
		Day 29	2020-07-02 10:32 (32)	150	G1 Hemoglobin Decreased	125 - 170
		Day 57	2020-07-29 10:28 (28)	149	G1 Hemoglobin Decreased	125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-05-27 10:02 (-5)	0.04		0 - 0.07
		Day 29	2020-07-02 10:32 (32)	<0.03		0 - 0.07
		Day 57	2020-07-29 10:28 (28)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-27 10:02 (-5)	0.8		0 - 1
		Day 29	2020-07-02 10:32 (32)	0.2		0 - 1
		Day 57	2020-07-29 10:28 (28)	0.4		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021043	Leukocytes (10^9/L)	Screening	2020-05-27 10:02 (-5)	5.07		3.7 - 11
		Day 29	2020-07-02 10:32 (32)	5.55		3.7 - 11
		Day 57	2020-07-29 10:28 (28)	5.00		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-27 10:02 (-5)	1.02		0.9 - 3.6
		Day 29	2020-07-02 10:32 (32)	1.25		0.9 - 3.6
		Day 57	2020-07-29 10:28 (28)	0.99	G1 Lymphocytes Decreased	0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-27 10:02 (-5)	20.1		12 - 46
		Day 29	2020-07-02 10:32 (32)	22.5		12 - 46
		Day 57	2020-07-29 10:28 (28)	19.8		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-27 10:02 (-5)	0.37		0 - 1.2
		Day 29	2020-07-02 10:32 (32)	0.43		0 - 1.2
		Day 57	2020-07-29 10:28 (28)	0.57		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021043	Monocytes/Leukocytes (%)	Screening	2020-05-27 10:02 (-5)	7.3		0 - 11
		Day 29	2020-07-02 10:32 (32)	7.7		0 - 11
		Day 57	2020-07-29 10:28 (28)	11.4 (H)		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-27 10:02 (-5)	3.55		1.7 - 7.9
		Day 29	2020-07-02 10:32 (32)	3.75		1.7 - 7.9
		Day 57	2020-07-29 10:28 (28)	3.37		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-27 10:02 (-5)	70.0		34 - 71
		Day 29	2020-07-02 10:32 (32)	67.6		34 - 71
		Day 57	2020-07-29 10:28 (28)	67.4		34 - 71
	Platelets (10^9/L)	Screening	2020-05-27 10:02 (-5)	166		163 - 375
		Day 29	2020-07-02 10:32 (32)	172		163 - 375
		Day 57	2020-07-29 10:28 (28)	183		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021043	Prothrombin Intl. Normalized Ratio	Screening	2020-05-27 10:02 (-5)	1.0		0.9 - 1.1
		Day 29	2020-07-02 10:32 (32)	1.0		0.9 - 1.1
		Day 57	2020-07-29 10:28 (28)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-27 10:02 (-5)	11.6		9.4 - 12.5
		Day 29	2020-07-02 10:32 (32)	11.9		9.4 - 12.5
		Day 57	2020-07-29 10:28 (28)	11.9		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-05-27 10:02 (-5)	4.28		1.78 - 7.14
		Day 29	2020-07-02 10:32 (32)	5.00		1.78 - 7.14
		Day 57	2020-07-29 10:28 (28)	4.64		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-27 10:02 (-5)	15.0		7.8 - 26.7
		Day 29	2020-07-02 10:32 (32)	15.6		7.8 - 26.7
		Day 57	2020-07-29 10:28 (28)	16.2		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021130	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-01 10:54 (-25)	31.7		25.1 - 36.5
		Day 29	2020-07-29 11:17 (34)	27.2		25.1 - 36.5
		Day 57	2020-08-27 10:28 (30)	28.4		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-01 10:54 (-25)	16		10 - 33
		Day 29	2020-07-29 11:17 (34)	14		10 - 33
		Day 57	2020-08-27 10:28 (30)	13		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-01 10:54 (-25)	87		30 - 115
		Day 29	2020-07-29 11:17 (34)	86		30 - 115
		Day 57	2020-08-27 10:28 (30)	74		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-01 10:54 (-25)	21		10 - 36
		Day 29	2020-07-29 11:17 (34)	19		10 - 36
		Day 57	2020-08-27 10:28 (30)	17		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021130	Basophils (10^9/L)	Screening	2020-06-01 10:54 (-25)	0.04		0 - 0.3
		Day 29	2020-07-29 11:17 (34)	0.03		0 - 0.3
		Day 57	2020-08-27 10:28 (30)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-01 10:54 (-25)	0.8		0 - 3
		Day 29	2020-07-29 11:17 (34)	0.6		0 - 3
		Day 57	2020-08-27 10:28 (30)	1.1		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-01 10:54 (-25)	5.1		- 18.8
		Day 29	2020-07-29 11:17 (34)	4.4		- 18.8
		Day 57	2020-08-27 10:28 (30)	5.3		- 18.8
	Creatinine (umol/L)	Screening	2020-06-01 10:54 (-25)	71		62 - 124
		Day 29	2020-07-29 11:17 (34)	80		62 - 124
		Day 57	2020-08-27 10:28 (30)	80		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021130	Direct Bilirubin (umol/L)	Screening	2020-06-01 10:54 (-25)	<3.4		0 - 6.8
		Day 29	2020-07-29 11:17 (34)	<3.4		0 - 6.8
		Day 57	2020-08-27 10:28 (30)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-01 10:54 (-25)	0.08		0 - 0.8
		Day 29	2020-07-29 11:17 (34)	0.09		0 - 0.8
		Day 57	2020-08-27 10:28 (30)	0.08		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-01 10:54 (-25)	1.6		0 - 7
		Day 29	2020-07-29 11:17 (34)	1.8		0 - 7
		Day 57	2020-08-27 10:28 (30)	2.3		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-01 10:54 (-25)	4.07		3.7 - 5.2
		Day 29	2020-07-29 11:17 (34)	4.09		3.7 - 5.2
		Day 57	2020-08-27 10:28 (30)	3.99		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021130	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-01 10:54 (-25)	72.5 (H)		1.7 - 21.5
	Hematocrit (L/L)	Screening	2020-06-01 10:54 (-25)	0.430		0.33 - 0.47
		Day 29	2020-07-29 11:17 (34)	0.428		0.33 - 0.47
		Day 57	2020-08-27 10:28 (30)	0.440		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-01 10:54 (-25)	122		110 - 155
		Day 29	2020-07-29 11:17 (34)	120	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-27 10:28 (30)	117	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-01 10:54 (-25)	<0.03		0 - 0.07
		Day 29	2020-07-29 11:17 (34)	<0.03		0 - 0.07
		Day 57	2020-08-27 10:28 (30)	0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-01 10:54 (-25)	0.2		0 - 1
		Day 29	2020-07-29 11:17 (34)	0.0		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021130	Immature Granulocytes/Leukocytes (%)	Day 57	2020-08-27 10:28 (30)	0.9		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-01 10:54 (-25)	4.98		3.7 - 11
		Day 29	2020-07-29 11:17 (34)	4.99		3.7 - 11
		Day 57	2020-08-27 10:28 (30)	3.51 (L)		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-01 10:54 (-25)	1.27		0.9 - 3.6
		Day 29	2020-07-29 11:17 (34)	1.34		0.9 - 3.6
		Day 57	2020-08-27 10:28 (30)	1.12		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-01 10:54 (-25)	25.5		12 - 46
		Day 29	2020-07-29 11:17 (34)	26.9		12 - 46
		Day 57	2020-08-27 10:28 (30)	31.9		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-01 10:54 (-25)	0.48		0 - 1.2
		Day 29	2020-07-29 11:17 (34)	0.45		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021130	Monocytes (10^9/L)	Day 57	2020-08-27 10:28 (30)	0.38		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-01 10:54 (-25)	9.6		0 - 11
		Day 29	2020-07-29 11:17 (34)	9.0		0 - 11
		Day 57	2020-08-27 10:28 (30)	10.8		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-01 10:54 (-25)	3.10		1.7 - 7.9
		Day 29	2020-07-29 11:17 (34)	3.08		1.7 - 7.9
		Day 57	2020-08-27 10:28 (30)	1.86	G1 Neutrophils Decreased	1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-01 10:54 (-25)	62.3		34 - 71
		Day 29	2020-07-29 11:17 (34)	61.7		34 - 71
		Day 57	2020-08-27 10:28 (30)	53.0		34 - 71
	Platelets (10^9/L)	Screening	2020-06-01 10:54 (-25)	233		163 - 375
		Day 29	2020-07-29 11:17 (34)	235		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021130	Platelets (10^9/L)	Day 57	2020-08-27 10:28 (30)	210		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-01 10:54 (-25)	1.0		0.9 - 1.1
		Day 29	2020-07-29 11:17 (34)	0.9		0.9 - 1.1
		Day 57	2020-08-27 10:28 (30)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-01 10:54 (-25)	11.1		9.4 - 12.5
		Day 29	2020-07-29 11:17 (34)	11.4		9.4 - 12.5
		Day 57	2020-08-27 10:28 (30)	11.6		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-01 10:54 (-25)	4.64		1.78 - 7.14
		Day 29	2020-07-29 11:17 (34)	6.07		1.78 - 7.14
		Day 57	2020-08-27 10:28 (30)	4.64		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-01 10:54 (-25)	16.2		7.8 - 26.7
		Day 29	2020-07-29 11:17 (34)	18.9		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021130	Urea Nitrogen/Creatinine	Day 57	2020-08-27 10:28 (30)	14.4		7.8 - 26.7
US2021185	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-10 10:34 (-16)	35.6		25.1 - 36.5
		Day 57	2020-08-25 09:45 (26)	32.4		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-10 10:34 (-16)	18		10 - 33
		Day 57	2020-08-25 09:45 (26)	14		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-10 10:34 (-16)	75		30 - 115
		Day 57	2020-08-25 09:45 (26)	79		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-10 10:34 (-16)	16		10 - 36
		Day 57	2020-08-25 09:45 (26)	13		10 - 36
	Basophils (10^9/L)	Screening	2020-06-10 10:34 (-16)	<0.03		0 - 0.3
		Unscheduled	2020-06-17 09:48 (-9)	<0.03		0 - 0.3
		Day 57	2020-08-25 09:45 (26)	<0.03		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021185	Basophils/Leukocytes (%)	Screening	2020-06-10 10:34 (-16)	0.5		0 - 3
		Unscheduled	2020-06-17 09:48 (-9)	0.5		0 - 3
		Day 57	2020-08-25 09:45 (26)	0.5		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-10 10:34 (-16)	14.5		- 18.8
		Day 57	2020-08-25 09:45 (26)	17.1		- 18.8
	Creatinine (umol/L)	Screening	2020-06-10 10:34 (-16)	71		62 - 124
		Day 57	2020-08-25 09:45 (26)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-10 10:34 (-16)	<3.4		0 - 6.8
		Day 57	2020-08-25 09:45 (26)	4.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-10 10:34 (-16)	0.06		0 - 0.8
		Unscheduled	2020-06-17 09:48 (-9)	0.07		0 - 0.8
		Day 57	2020-08-25 09:45 (26)	0.10		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021185	Eosinophils/Leukocytes (%)	Screening	2020-06-10 10:34 (-16)	1.5		0 - 7
		Unscheduled	2020-06-17 09:48 (-9)	1.7		0 - 7
		Day 57	2020-08-25 09:45 (26)	2.4		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-10 10:34 (-16)	4.46		3.7 - 5.2
		Unscheduled	2020-06-17 09:48 (-9)	4.34		3.7 - 5.2
		Day 57	2020-08-25 09:45 (26)	4.46		3.7 - 5.2
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-10 10:34 (-16)	80.8 (H)		1.7 - 21.5
	Hematocrit (L/L)	Screening	2020-06-10 10:34 (-16)	0.461		0.33 - 0.47
		Unscheduled	2020-06-17 09:48 (-9)	0.450		0.33 - 0.47
		Day 57	2020-08-25 09:45 (26)	0.488 (H)		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-10 10:34 (-16)	142		110 - 155
		Unscheduled	2020-06-17 09:48 (-9)	140		110 - 155

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021185	Hemoglobin (g/L)	Day 57	2020-08-25 09:45 (26)	142		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-10 10:34 (-16)	<0.03		0 - 0.07
		Unscheduled	2020-06-17 09:48 (-9)	<0.03		0 - 0.07
		Day 57	2020-08-25 09:45 (26)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-10 10:34 (-16)	0.2		0 - 1
		Unscheduled	2020-06-17 09:48 (-9)	0.2		0 - 1
		Day 57	2020-08-25 09:45 (26)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-10 10:34 (-16)	4.01		3.7 - 11
		Unscheduled	2020-06-17 09:48 (-9)	4.03		3.7 - 11
		Day 57	2020-08-25 09:45 (26)	4.21		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-10 10:34 (-16)	1.86		0.9 - 3.6
		Unscheduled	2020-06-17 09:48 (-9)	1.56		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021185	Lymphocytes (10^9/L)	Day 57	2020-08-25 09:45 (26)	1.92		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-10 10:34 (-16)	46.4 (H)		12 - 46
		Unscheduled	2020-06-17 09:48 (-9)	38.7		12 - 46
		Day 57	2020-08-25 09:45 (26)	45.6		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-10 10:34 (-16)	0.42		0 - 1.2
		Unscheduled	2020-06-17 09:48 (-9)	0.42		0 - 1.2
		Day 57	2020-08-25 09:45 (26)	0.42		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-10 10:34 (-16)	10.5		0 - 11
		Unscheduled	2020-06-17 09:48 (-9)	10.4		0 - 11
		Day 57	2020-08-25 09:45 (26)	10.0		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-10 10:34 (-16)	1.64 (L)	G1 Neutrophils Decreased	1.7 - 7.9
		Unscheduled	2020-06-17 09:48 (-9)	1.95	G1 Neutrophils Decreased	1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021185	Neutrophils (10^9/L)	Day 57	2020-08-25 09:45 (26)	1.74	G1 Neutrophils Decreased	1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-10 10:34 (-16)	40.9		34 - 71
		Unscheduled	2020-06-17 09:48 (-9)	48.5		34 - 71
		Day 57	2020-08-25 09:45 (26)	41.3		34 - 71
	Platelets (10^9/L)	Screening	2020-06-10 10:34 (-16)	225		163 - 375
		Unscheduled	2020-06-17 09:48 (-9)	221		163 - 375
		Day 57	2020-08-25 09:45 (26)	232		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-10 10:34 (-16)	1.0		0.9 - 1.1
		Day 57	2020-08-25 09:45 (26)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-10 10:34 (-16)	11.6		9.4 - 12.5
		Day 57	2020-08-25 09:45 (26)	12.1		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-10 10:34 (-16)	5.35		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021185	Urea Nitrogen (mmol/L)	Day 57	2020-08-25 09:45 (26)	5.00		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-10 10:34 (-16)	18.8		7.8 - 26.7
		Day 57	2020-08-25 09:45 (26)	17.5		7.8 - 26.7
US2021196	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-12 13:15 (-20)	31.8		25.1 - 36.5
		Day 29	2020-08-03 13:41 (33)	26.9		25.1 - 36.5
		Day 57	2020-08-31 13:45 (29)	28.0		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-12 13:15 (-20)	19		10 - 33
		Day 29	2020-08-03 13:41 (33)	28		10 - 33
		Day 57	2020-08-31 13:45 (29)	17		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-12 13:15 (-20)	69		30 - 115
		Day 29	2020-08-03 13:41 (33)	65		30 - 115
		Day 57	2020-08-31 13:45 (29)	64		30 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021196	Aspartate Aminotransferase (U/L)	Screening	2020-06-12 13:15 (-20)	20		10 - 36
		Day 29	2020-08-03 13:41 (33)	21		10 - 36
		Day 57	2020-08-31 13:45 (29)	16		10 - 36
	Basophils (10^9/L)	Screening	2020-06-12 13:15 (-20)	<0.03		0 - 0.3
		Day 29	2020-08-03 13:41 (33)	<0.03		0 - 0.3
		Day 57	2020-08-31 13:45 (29)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-12 13:15 (-20)	0.3		0 - 3
		Day 29	2020-08-03 13:41 (33)	0.3		0 - 3
		Day 57	2020-08-31 13:45 (29)	0.3		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-12 13:15 (-20)	5.1		- 18.8
		Day 29	2020-08-03 13:41 (33)	4.4		- 18.8
		Day 57	2020-08-31 13:45 (29)	6.3		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021196	Creatinine (umol/L)	Screening	2020-06-12 13:15 (-20)	62		62 - 124
		Day 29	2020-08-03 13:41 (33)	71		62 - 124
		Day 57	2020-08-31 13:45 (29)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-12 13:15 (-20)	<3.4		0 - 6.8
		Day 29	2020-08-03 13:41 (33)	<3.4		0 - 6.8
		Day 57	2020-08-31 13:45 (29)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-12 13:15 (-20)	0.15		0 - 0.8
		Day 29	2020-08-03 13:41 (33)	0.15		0 - 0.8
		Day 57	2020-08-31 13:45 (29)	0.17		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-12 13:15 (-20)	2.5		0 - 7
		Day 29	2020-08-03 13:41 (33)	2.6		0 - 7
		Day 57	2020-08-31 13:45 (29)	2.9		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021196	Erythrocytes (10^12/L)	Screening	2020-06-12 13:15 (-20)	4.80		3.7 - 5.2
		Day 29	2020-08-03 13:41 (33)	4.60		3.7 - 5.2
		Day 57	2020-08-31 13:45 (29)	4.69		3.7 - 5.2
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-12 13:15 (-20)	59.9 (H)		1.7 - 21.5
	Hematocrit (L/L)	Screening	2020-06-12 13:15 (-20)	0.458		0.33 - 0.47
		Day 29	2020-08-03 13:41 (33)	0.443		0.33 - 0.47
		Day 57	2020-08-31 13:45 (29)	0.497 (H)		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-12 13:15 (-20)	144		110 - 155
		Day 29	2020-08-03 13:41 (33)	139	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-31 13:45 (29)	141	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-12 13:15 (-20)	0.04		0 - 0.07
		Day 29	2020-08-03 13:41 (33)	0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021196	Immature Granulocytes (10^9/L)	Day 57	2020-08-31 13:45 (29)	0.04		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-12 13:15 (-20)	0.7		0 - 1
		Day 29	2020-08-03 13:41 (33)	0.5		0 - 1
		Day 57	2020-08-31 13:45 (29)	0.7		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-12 13:15 (-20)	5.93		3.7 - 11
		Day 29	2020-08-03 13:41 (33)	5.78		3.7 - 11
		Day 57	2020-08-31 13:45 (29)	5.96		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-12 13:15 (-20)	1.85		0.9 - 3.6
		Day 29	2020-08-03 13:41 (33)	2.30		0.9 - 3.6
		Day 57	2020-08-31 13:45 (29)	2.05		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-12 13:15 (-20)	31.2		12 - 46
		Day 29	2020-08-03 13:41 (33)	39.8		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021196	Lymphocytes/Leukocytes (%)	Day 57	2020-08-31 13:45 (29)	34.4		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-12 13:15 (-20)	0.36		0 - 1.2
		Day 29	2020-08-03 13:41 (33)	0.53		0 - 1.2
		Day 57	2020-08-31 13:45 (29)	0.46		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-12 13:15 (-20)	6.1		0 - 11
		Day 29	2020-08-03 13:41 (33)	9.2		0 - 11
		Day 57	2020-08-31 13:45 (29)	7.7		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-12 13:15 (-20)	3.51		1.7 - 7.9
		Day 29	2020-08-03 13:41 (33)	2.75		1.7 - 7.9
		Day 57	2020-08-31 13:45 (29)	3.22		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-12 13:15 (-20)	59.2		34 - 71
		Day 29	2020-08-03 13:41 (33)	47.6		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021196	Neutrophils/Leukocytes (%)	Day 57	2020-08-31 13:45 (29)	54.0		34 - 71
	Platelets (10^9/L)	Screening	2020-06-12 13:15 (-20)	227		163 - 375
		Day 29	2020-08-03 13:41 (33)	222		163 - 375
		Day 57	2020-08-31 13:45 (29)	216		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-12 13:15 (-20)	0.9		0.9 - 1.1
		Day 29	2020-08-03 13:41 (33)	0.9		0.9 - 1.1
		Day 57	2020-08-31 13:45 (29)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-12 13:15 (-20)	10.9		9.4 - 12.5
		Day 29	2020-08-03 13:41 (33)	10.5		9.4 - 12.5
		Day 57	2020-08-31 13:45 (29)	11.9		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-12 13:15 (-20)	6.07		1.78 - 7.14
		Day 29	2020-08-03 13:41 (33)	5.71		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021196	Urea Nitrogen (mmol/L)	Day 57	2020-08-31 13:45 (29)	5.71		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-12 13:15 (-20)	24.3		7.8 - 26.7
		Day 29	2020-08-03 13:41 (33)	20.0		7.8 - 26.7
		Day 57	2020-08-31 13:45 (29)	20.0		7.8 - 26.7
US2021198	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-15 12:06 (-14)	31.8		25.1 - 36.5
		Day 29	2020-08-04 10:18 (37)	29.7		25.1 - 36.5
		Day 57	2020-09-01 10:39 (29)	35.7		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-15 12:06 (-14)	19		10 - 33
		Day 29	2020-08-04 10:18 (37)	15		10 - 33
		Day 57	2020-09-01 10:39 (29)	21		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-15 12:06 (-14)	62		30 - 115
		Day 29	2020-08-04 10:18 (37)	51		30 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021198	Alkaline Phosphatase (U/L)	Day 57	2020-09-01 10:39 (29)	58		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-15 12:06 (-14)	22		10 - 36
		Day 29	2020-08-04 10:18 (37)	21		10 - 36
		Day 57	2020-09-01 10:39 (29)	20		10 - 36
	Basophils (10^9/L)	Screening	2020-06-15 12:06 (-14)	0.06		0 - 0.3
		Day 29	2020-08-04 10:18 (37)	0.05		0 - 0.3
		Day 57	2020-09-01 10:39 (29)	0.08		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-15 12:06 (-14)	1.1		0 - 3
		Day 29	2020-08-04 10:18 (37)	0.8		0 - 3
		Day 57	2020-09-01 10:39 (29)	1.2		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-15 12:06 (-14)	13.0		- 18.8
		Day 29	2020-08-04 10:18 (37)	10.4		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021198	Bilirubin (umol/L)	Day 57	2020-09-01 10:39 (29)	12.5		- 18.8
	Creatinine (umol/L)	Screening	2020-06-15 12:06 (-14)	44 (L)		62 - 124
		Day 29	2020-08-04 10:18 (37)	35 (L)		62 - 124
		Day 57	2020-09-01 10:39 (29)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-15 12:06 (-14)	<3.4		0 - 6.8
		Day 29	2020-08-04 10:18 (37)	<3.4		0 - 6.8
		Day 57	2020-09-01 10:39 (29)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-15 12:06 (-14)	0.14		0 - 0.8
		Day 29	2020-08-04 10:18 (37)	0.13		0 - 0.8
		Day 57	2020-09-01 10:39 (29)	0.17		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-15 12:06 (-14)	2.7		0 - 7
		Day 29	2020-08-04 10:18 (37)	2.1		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021198	Eosinophils/Leukocytes (%)	Day 57	2020-09-01 10:39 (29)	2.5		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-15 12:06 (-14)	4.38		3.7 - 5.2
		Day 29	2020-08-04 10:18 (37)	4.10		3.7 - 5.2
		Day 57	2020-09-01 10:39 (29)	4.40		3.7 - 5.2
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-15 12:06 (-14)	60.3 (H)		1.7 - 21.5
	Hematocrit (L/L)	Screening	2020-06-15 12:06 (-14)	0.438		0.33 - 0.47
		Day 29	2020-08-04 10:18 (37)	0.397		0.33 - 0.47
		Day 57	2020-09-01 10:39 (29)	0.465		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-15 12:06 (-14)	133		110 - 155
		Day 29	2020-08-04 10:18 (37)	125	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-09-01 10:39 (29)	133		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-15 12:06 (-14)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021198	Immature Granulocytes (10^9/L)	Day 29	2020-08-04 10:18 (37)	<0.03		0 - 0.07
		Day 57	2020-09-01 10:39 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-15 12:06 (-14)	0.2		0 - 1
		Day 29	2020-08-04 10:18 (37)	0.3		0 - 1
		Day 57	2020-09-01 10:39 (29)	0.1		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-15 12:06 (-14)	5.26		3.7 - 11
		Day 29	2020-08-04 10:18 (37)	6.15		3.7 - 11
		Day 57	2020-09-01 10:39 (29)	6.86		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-15 12:06 (-14)	1.83		0.9 - 3.6
		Day 29	2020-08-04 10:18 (37)	1.90		0.9 - 3.6
		Day 57	2020-09-01 10:39 (29)	2.29		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-15 12:06 (-14)	34.8		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021198	Lymphocytes/Leukocytes (%)	Day 29	2020-08-04 10:18 (37)	30.9		12 - 46
		Day 57	2020-09-01 10:39 (29)	33.4		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-15 12:06 (-14)	0.40		0 - 1.2
		Day 29	2020-08-04 10:18 (37)	0.56		0 - 1.2
		Day 57	2020-09-01 10:39 (29)	0.47		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-15 12:06 (-14)	7.6		0 - 11
		Day 29	2020-08-04 10:18 (37)	9.1		0 - 11
		Day 57	2020-09-01 10:39 (29)	6.9		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-15 12:06 (-14)	2.82		1.7 - 7.9
		Day 29	2020-08-04 10:18 (37)	3.49		1.7 - 7.9
		Day 57	2020-09-01 10:39 (29)	3.84		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-15 12:06 (-14)	53.6		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021198	Neutrophils/Leukocytes (%)	Day 29	2020-08-04 10:18 (37)	56.8		34 - 71
		Day 57	2020-09-01 10:39 (29)	55.9		34 - 71
	Platelets (10^9/L)	Screening	2020-06-15 12:06 (-14)	213		163 - 375
		Day 29	2020-08-04 10:18 (37)	196		163 - 375
		Day 57	2020-09-01 10:39 (29)	206		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-15 12:06 (-14)	1.0		0.9 - 1.1
		Day 29	2020-08-04 10:18 (37)	0.9		0.9 - 1.1
		Day 57	2020-09-01 10:39 (29)	1.1		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-15 12:06 (-14)	11.5		9.4 - 12.5
		Day 29	2020-08-04 10:18 (37)	10.8		9.4 - 12.5
		Day 57	2020-09-01 10:39 (29)	13.1 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-15 12:06 (-14)	5.00		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021198	Urea Nitrogen (mmol/L)	Day 29	2020-08-04 10:18 (37)	4.64		1.78 - 7.14
		Day 57	2020-09-01 10:39 (29)	5.71		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-15 12:06 (-14)	28.0 (H)		7.8 - 26.7
		Day 29	2020-08-04 10:18 (37)	32.5 (H)		7.8 - 26.7
		Day 57	2020-09-01 10:39 (29)	26.7		7.8 - 26.7
US2021206	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-17 11:59 (-15)	32.4		25.1 - 36.5
		Day 29	2020-08-04 10:36 (34)	28.0		25.1 - 36.5
		Day 57	2020-09-08 10:59 (36)	28.2		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-17 11:59 (-15)	33		10 - 33
		Day 29	2020-08-04 10:36 (34)	33		10 - 33
		Day 57	2020-09-08 10:59 (36)	23		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-17 11:59 (-15)	89		30 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021206	Alkaline Phosphatase (U/L)	Day 29	2020-08-04 10:36 (34)	86		30 - 115
		Day 57	2020-09-08 10:59 (36)	79		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-17 11:59 (-15)	30		10 - 36
		Day 29	2020-08-04 10:36 (34)	21		10 - 36
		Day 57	2020-09-08 10:59 (36)	15		10 - 36
	Basophils (10^9/L)	Screening	2020-06-17 11:59 (-15)	0.04		0 - 0.3
		Day 29	2020-08-04 10:36 (34)	0.05		0 - 0.3
		Day 57	2020-09-08 10:59 (36)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-17 11:59 (-15)	0.7		0 - 3
		Day 29	2020-08-04 10:36 (34)	1.0		0 - 3
		Day 57	2020-09-08 10:59 (36)	0.7		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-17 11:59 (-15)	7.4		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021206	Bilirubin (umol/L)	Day 29	2020-08-04 10:36 (34)	6.2		- 18.8
		Day 57	2020-09-08 10:59 (36)	7.4		- 18.8
	Creatinine (umol/L)	Screening	2020-06-17 11:59 (-15)	53 (L)		62 - 124
		Day 29	2020-08-04 10:36 (34)	44 (L)		62 - 124
		Day 57	2020-09-08 10:59 (36)	44 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-17 11:59 (-15)	<3.4		0 - 6.8
		Day 29	2020-08-04 10:36 (34)	<3.4		0 - 6.8
		Day 57	2020-09-08 10:59 (36)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-17 11:59 (-15)	0.13		0 - 0.8
		Day 29	2020-08-04 10:36 (34)	0.15		0 - 0.8
		Day 57	2020-09-08 10:59 (36)	0.19		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-17 11:59 (-15)	2.3		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021206	Eosinophils/Leukocytes (%)	Day 29	2020-08-04 10:36 (34)	2.9		0 - 7
		Day 57	2020-09-08 10:59 (36)	4.1		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-17 11:59 (-15)	4.84		3.7 - 5.2
		Day 29	2020-08-04 10:36 (34)	5.13		3.7 - 5.2
		Day 57	2020-09-08 10:59 (36)	4.60		3.7 - 5.2
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-17 11:59 (-15)	79.6 (H)		1.7 - 21.5
	Hematocrit (L/L)	Screening	2020-06-17 11:59 (-15)	0.462		0.33 - 0.47
		Day 29	2020-08-04 10:36 (34)	0.465		0.33 - 0.47
		Day 57	2020-09-08 10:59 (36)	0.455		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-17 11:59 (-15)	138		110 - 155
		Day 29	2020-08-04 10:36 (34)	148		110 - 155
		Day 57	2020-09-08 10:59 (36)	133	G1 Hemoglobin Decreased	110 - 155

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021206	Immature Granulocytes (10^9/L)	Screening	2020-06-17 11:59 (-15)	<0.03		0 - 0.07
		Day 29	2020-08-04 10:36 (34)	<0.03		0 - 0.07
		Day 57	2020-09-08 10:59 (36)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-17 11:59 (-15)	0.2		0 - 1
		Day 29	2020-08-04 10:36 (34)	0.2		0 - 1
		Day 57	2020-09-08 10:59 (36)	0.4		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-17 11:59 (-15)	5.57		3.7 - 11
		Day 29	2020-08-04 10:36 (34)	5.17		3.7 - 11
		Day 57	2020-09-08 10:59 (36)	4.59		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-17 11:59 (-15)	1.62		0.9 - 3.6
		Day 29	2020-08-04 10:36 (34)	1.55		0.9 - 3.6
		Day 57	2020-09-08 10:59 (36)	1.19		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021206	Lymphocytes/Leukocytes (%)	Screening	2020-06-17 11:59 (-15)	29.1		12 - 46
		Day 29	2020-08-04 10:36 (34)	30.0		12 - 46
		Day 57	2020-09-08 10:59 (36)	25.9		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-17 11:59 (-15)	0.48		0 - 1.2
		Day 29	2020-08-04 10:36 (34)	0.44		0 - 1.2
		Day 57	2020-09-08 10:59 (36)	0.32		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-17 11:59 (-15)	8.6		0 - 11
		Day 29	2020-08-04 10:36 (34)	8.5		0 - 11
		Day 57	2020-09-08 10:59 (36)	7.0		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-17 11:59 (-15)	3.29		1.7 - 7.9
		Day 29	2020-08-04 10:36 (34)	2.97		1.7 - 7.9
		Day 57	2020-09-08 10:59 (36)	2.84		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021206	Neutrophils/Leukocytes (%)	Screening	2020-06-17 11:59 (-15)	59.1		34 - 71
		Day 29	2020-08-04 10:36 (34)	57.4		34 - 71
		Day 57	2020-09-08 10:59 (36)	61.9		34 - 71
	Platelets (10^9/L)	Screening	2020-06-17 11:59 (-15)	260		163 - 375
		Day 29	2020-08-04 10:36 (34)	242		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-17 11:59 (-15)	0.9		0.9 - 1.1
		Day 29	2020-08-04 10:36 (34)	0.9		0.9 - 1.1
		Day 57	2020-09-08 10:59 (36)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-17 11:59 (-15)	10.5		9.4 - 12.5
		Day 29	2020-08-04 10:36 (34)	10.7		9.4 - 12.5
		Day 57	2020-09-08 10:59 (36)	11.4		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-17 11:59 (-15)	6.43		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021206	Urea Nitrogen (mmol/L)	Day 29	2020-08-04 10:36 (34)	6.43		1.78 - 7.14
		Day 57	2020-09-08 10:59 (36)	5.71		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-17 11:59 (-15)	30.0 (H)		7.8 - 26.7
		Day 29	2020-08-04 10:36 (34)	36.0 (H)		7.8 - 26.7
		Day 57	2020-09-08 10:59 (36)	32.0 (H)		7.8 - 26.7
US2021207	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-17 12:48 (-9)	31.5		25.1 - 36.5
		Day 29	2020-08-06 11:01 (42)	29.5		25.1 - 36.5
		Day 57	2020-09-03 14:47 (29)	31.5		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-17 12:48 (-9)	10		10 - 33
		Day 29	2020-08-06 11:01 (42)	8 (L)		10 - 33
		Day 57	2020-09-03 14:47 (29)	10		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-17 12:48 (-9)	63		30 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021207	Alkaline Phosphatase (U/L)	Day 29	2020-08-06 11:01 (42)	51		30 - 115
		Day 57	2020-09-03 14:47 (29)	51		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-17 12:48 (-9)	22		10 - 36
		Day 29	2020-08-06 11:01 (42)	21		10 - 36
		Day 57	2020-09-03 14:47 (29)	16		10 - 36
	Basophils (10^9/L)	Screening	2020-06-17 12:48 (-9)	0.05		0 - 0.3
		Day 29	2020-08-06 11:01 (42)	0.04		0 - 0.3
		Day 57	2020-09-03 14:47 (29)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-17 12:48 (-9)	0.9		0 - 3
		Day 29	2020-08-06 11:01 (42)	0.7		0 - 3
		Day 57	2020-09-03 14:47 (29)	0.6		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-17 12:48 (-9)	6.0		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021207	Bilirubin (umol/L)	Day 29	2020-08-06 11:01 (42)	6.2		- 18.8
		Day 57	2020-09-03 14:47 (29)	3.2		- 18.8
	Creatinine (umol/L)	Screening	2020-06-17 12:48 (-9)	71		62 - 124
		Day 29	2020-08-06 11:01 (42)	62		62 - 124
		Day 57	2020-09-03 14:47 (29)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-17 12:48 (-9)	<3.4		0 - 6.8
		Day 29	2020-08-06 11:01 (42)	<3.4		0 - 6.8
		Day 57	2020-09-03 14:47 (29)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-17 12:48 (-9)	0.18		0 - 0.8
		Day 29	2020-08-06 11:01 (42)	0.19		0 - 0.8
		Day 57	2020-09-03 14:47 (29)	0.19		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-17 12:48 (-9)	3.4		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021207	Eosinophils/Leukocytes (%)	Day 29	2020-08-06 11:01 (42)	3.2		0 - 7
		Day 57	2020-09-03 14:47 (29)	3.6		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-17 12:48 (-9)	4.19		3.7 - 5.2
		Day 29	2020-08-06 11:01 (42)	3.86		3.7 - 5.2
		Day 57	2020-09-03 14:47 (29)	3.50 (L)		3.7 - 5.2
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-17 12:48 (-9)	115.2 (H)		1.7 - 21.5
	Hematocrit (L/L)	Screening	2020-06-17 12:48 (-9)	0.392		0.33 - 0.47
		Day 29	2020-08-06 11:01 (42)	0.356		0.33 - 0.47
		Day 57	2020-09-03 14:47 (29)	0.357		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-17 12:48 (-9)	117	G1 Hemoglobin Decreased	110 - 155
		Day 29	2020-08-06 11:01 (42)	107 (L)	G2 Hemoglobin Decreased	110 - 155
		Day 57	2020-09-03 14:47 (29)	99 (L)	G2 Hemoglobin Decreased	110 - 155

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021207	Immature Granulocytes (10^9/L)	Screening	2020-06-17 12:48 (-9)	<0.03		0 - 0.07
		Day 29	2020-08-06 11:01 (42)	0.03		0 - 0.07
		Day 57	2020-09-03 14:47 (29)	0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-17 12:48 (-9)	0.2		0 - 1
		Day 29	2020-08-06 11:01 (42)	0.5		0 - 1
		Day 57	2020-09-03 14:47 (29)	0.6		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-17 12:48 (-9)	5.36		3.7 - 11
		Day 29	2020-08-06 11:01 (42)	5.94		3.7 - 11
		Day 57	2020-09-03 14:47 (29)	5.30		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-17 12:48 (-9)	1.56		0.9 - 3.6
		Day 29	2020-08-06 11:01 (42)	1.81		0.9 - 3.6
		Day 57	2020-09-03 14:47 (29)	1.74		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021207	Lymphocytes/Leukocytes (%)	Screening	2020-06-17 12:48 (-9)	29.1		12 - 46
		Day 29	2020-08-06 11:01 (42)	30.5		12 - 46
		Day 57	2020-09-03 14:47 (29)	32.8		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-17 12:48 (-9)	0.39		0 - 1.2
		Day 29	2020-08-06 11:01 (42)	0.56		0 - 1.2
		Day 57	2020-09-03 14:47 (29)	0.44		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-17 12:48 (-9)	7.3		0 - 11
		Day 29	2020-08-06 11:01 (42)	9.4		0 - 11
		Day 57	2020-09-03 14:47 (29)	8.3		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-17 12:48 (-9)	3.17		1.7 - 7.9
		Day 29	2020-08-06 11:01 (42)	3.31		1.7 - 7.9
		Day 57	2020-09-03 14:47 (29)	2.87		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021207	Neutrophils/Leukocytes (%)	Screening	2020-06-17 12:48 (-9)	59.1		34 - 71
		Day 29	2020-08-06 11:01 (42)	55.7		34 - 71
		Day 57	2020-09-03 14:47 (29)	54.1		34 - 71
	Platelets (10^9/L)	Screening	2020-06-17 12:48 (-9)	365		163 - 375
		Day 29	2020-08-06 11:01 (42)	341		163 - 375
		Day 57	2020-09-03 14:47 (29)	342		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-17 12:48 (-9)	0.9		0.9 - 1.1
		Day 29	2020-08-06 11:01 (42)	1.0		0.9 - 1.1
		Day 57	2020-09-03 14:47 (29)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-17 12:48 (-9)	10.7		9.4 - 12.5
		Day 29	2020-08-06 11:01 (42)	11.9		9.4 - 12.5
		Day 57	2020-09-03 14:47 (29)	12.7 (H)	G1 Prothrombin Time Increased	9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021207	Urea Nitrogen (mmol/L)	Screening	2020-06-17 12:48 (-9)	2.14		1.78 - 7.14
		Day 29	2020-08-06 11:01 (42)	3.93		1.78 - 7.14
		Day 57	2020-09-03 14:47 (29)	4.28		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-17 12:48 (-9)	7.5 (L)		7.8 - 26.7
		Day 29	2020-08-06 11:01 (42)	15.7		7.8 - 26.7
		Day 57	2020-09-03 14:47 (29)	15.0		7.8 - 26.7
US2021219	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-23 12:03 (-7)	30.9		25.1 - 36.5
		Day 29	2020-07-31 (32)	32.3		25.1 - 36.5
		Day 57	2020-09-03 11:11 (35)	32.5		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-23 12:03 (-7)	11		10 - 33
		Day 29	2020-07-31 (32)	15		10 - 33
		Day 57	2020-09-03 11:11 (35)	14		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-23 12:03 (-7)	98		30 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021219	Alkaline Phosphatase (U/L)	Day 29	2020-07-31 (32)	88		30 - 115
		Day 57	2020-09-03 11:11 (35)	95		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-23 12:03 (-7)	19		10 - 36
		Day 29	2020-07-31 (32)	18		10 - 36
		Day 57	2020-09-03 11:11 (35)	18		10 - 36
	Basophils (10^9/L)	Screening	2020-06-23 12:03 (-7)	0.04		0 - 0.3
		Unscheduled	2020-08-11 09:43 (12)	0.06		0 - 0.3
		Day 57	2020-09-03 11:11 (35)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-23 12:03 (-7)	0.7		0 - 3
		Unscheduled	2020-08-11 09:43 (12)	1.0		0 - 3
		Day 57	2020-09-03 11:11 (35)	0.7		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-23 12:03 (-7)	15.9		- 18.8
		Day 29	2020-07-31 (32)	10.9		- 18.8
		Day 57	2020-09-03 11:11 (35)	15.2		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021219	Creatinine (umol/L)	Screening	2020-06-23 12:03 (-7)	44 (L)		62 - 124
		Day 29	2020-07-31 (32)	44 (L)		62 - 124
		Day 57	2020-09-03 11:11 (35)	44 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-23 12:03 (-7)	<3.4		0 - 6.8
		Day 29	2020-07-31 (32)	<3.4		0 - 6.8
		Day 57	2020-09-03 11:11 (35)	3.6		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-23 12:03 (-7)	0.22		0 - 0.8
		Unscheduled	2020-08-11 09:43 (12)	0.21		0 - 0.8
		Day 57	2020-09-03 11:11 (35)	0.14		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-23 12:03 (-7)	3.6		0 - 7
		Unscheduled	2020-08-11 09:43 (12)	3.4		0 - 7
		Day 57	2020-09-03 11:11 (35)	2.6		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-23 12:03 (-7)	4.12		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021219	Erythrocytes (10^12/L)	Unscheduled	2020-08-11 09:43 (12)	3.98		3.7 - 5.2
		Day 57	2020-09-03 11:11 (35)	4.14		3.7 - 5.2
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-23 12:03 (-7)	71.2 (H)		1.7 - 21.5
	Hematocrit (L/L)	Screening	2020-06-23 12:03 (-7)	0.440		0.33 - 0.47
		Unscheduled	2020-08-11 09:43 (12)	0.432		0.33 - 0.47
		Day 57	2020-09-03 11:11 (35)	0.476 (H)		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-23 12:03 (-7)	129		110 - 155
		Unscheduled	2020-08-11 09:43 (12)	126	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-09-03 11:11 (35)	131		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-23 12:03 (-7)	<0.03		0 - 0.07
		Unscheduled	2020-08-11 09:43 (12)	<0.03		0 - 0.07
		Day 57	2020-09-03 11:11 (35)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021219	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-23 12:03 (-7)	0.2		0 - 1
		Unscheduled	2020-08-11 09:43 (12)	0.3		0 - 1
		Day 57	2020-09-03 11:11 (35)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-23 12:03 (-7)	6.06		3.7 - 11
		Unscheduled	2020-08-11 09:43 (12)	6.15		3.7 - 11
		Day 57	2020-09-03 11:11 (35)	5.43		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-23 12:03 (-7)	2.01		0.9 - 3.6
		Unscheduled	2020-08-11 09:43 (12)	1.92		0.9 - 3.6
		Day 57	2020-09-03 11:11 (35)	1.76		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-23 12:03 (-7)	33.2		12 - 46
		Unscheduled	2020-08-11 09:43 (12)	31.2		12 - 46
		Day 57	2020-09-03 11:11 (35)	32.4		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021219	Monocytes (10^9/L)	Screening	2020-06-23 12:03 (-7)	0.58		0 - 1.2
		Unscheduled	2020-08-11 09:43 (12)	0.66		0 - 1.2
		Day 57	2020-09-03 11:11 (35)	0.47		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-23 12:03 (-7)	9.6		0 - 11
		Unscheduled	2020-08-11 09:43 (12)	10.7		0 - 11
		Day 57	2020-09-03 11:11 (35)	8.7		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-23 12:03 (-7)	3.20		1.7 - 7.9
		Unscheduled	2020-08-11 09:43 (12)	3.28		1.7 - 7.9
		Day 57	2020-09-03 11:11 (35)	3.01		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-23 12:03 (-7)	52.7		34 - 71
		Unscheduled	2020-08-11 09:43 (12)	53.4		34 - 71
		Day 57	2020-09-03 11:11 (35)	55.4		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021219	Platelets (10^9/L)	Screening	2020-06-23 12:03 (-7)	191		163 - 375
		Unscheduled	2020-08-11 09:43 (12)	206		163 - 375
		Day 57	2020-09-03 11:11 (35)	202		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-23 12:03 (-7)	1.0		0.9 - 1.1
		Day 29	2020-07-31 (32)	0.9		0.9 - 1.1
		Day 57	2020-09-03 11:11 (35)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-23 12:03 (-7)	11.2		9.4 - 12.5
		Day 29	2020-07-31 (32)	10.6		9.4 - 12.5
		Day 57	2020-09-03 11:11 (35)	11.7		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-23 12:03 (-7)	7.50 (H)		1.78 - 7.14
		Day 29	2020-07-31 (32)	4.64		1.78 - 7.14
		Day 57	2020-09-03 11:11 (35)	6.07		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-23 12:03 (-7)	42.0 (H)		7.8 - 26.7
		Day 29	2020-07-31 (32)	26.0		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021219	Urea Nitrogen/Creatinine	Day 57	2020-09-03 11:11 (35)	34.0 (H)		7.8 - 26.7
US2031085	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-08 09:59 (-18)	31.8		25.1 - 36.5
		Unscheduled	2020-08-06 16:16 (9)	32.5		25.1 - 36.5
		Day 57	2020-08-26 08:48 (29)	28.4		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-08 09:59 (-18)	13		10 - 33
		Day 29	2020-07-29 08:34 (34)	9 (L)		10 - 33
		Day 57	2020-08-26 08:48 (29)	15		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-08 09:59 (-18)	66		30 - 115
		Day 29	2020-07-29 08:34 (34)	65		30 - 115
		Day 57	2020-08-26 08:48 (29)	66		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-08 09:59 (-18)	16		10 - 36
		Day 29	2020-07-29 08:34 (34)	19		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031085	Aspartate Aminotransferase (U/L)	Day 57	2020-08-26 08:48 (29)	19		10 - 36
	Basophils (10^9/L)	Screening	2020-06-08 09:59 (-18)	0.05		0 - 0.3
		Day 29	2020-07-29 08:34 (34)	0.05		0 - 0.3
		Day 57	2020-08-26 08:48 (29)	0.06		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-08 09:59 (-18)	1.0		0 - 3
		Day 29	2020-07-29 08:34 (34)	1.4		0 - 3
		Day 57	2020-08-26 08:48 (29)	1.8		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-08 09:59 (-18)	7.7		- 18.8
		Day 29	2020-07-29 08:34 (34)	12.8		- 18.8
		Day 57	2020-08-26 08:48 (29)	12.8		- 18.8
	Creatinine (umol/L)	Screening	2020-06-08 09:59 (-18)	71		62 - 124
		Day 29	2020-07-29 08:34 (34)	71		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031085	Creatinine (umol/L)	Day 57	2020-08-26 08:48 (29)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-08 09:59 (-18)	<3.4		0 - 6.8
		Day 29	2020-07-29 08:34 (34)	<3.4		0 - 6.8
		Day 57	2020-08-26 08:48 (29)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-08 09:59 (-18)	0.14		0 - 0.8
		Day 29	2020-07-29 08:34 (34)	0.11		0 - 0.8
		Day 57	2020-08-26 08:48 (29)	0.10		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-08 09:59 (-18)	2.8		0 - 7
		Day 29	2020-07-29 08:34 (34)	3.0		0 - 7
		Day 57	2020-08-26 08:48 (29)	3.1		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-08 09:59 (-18)	4.04		3.7 - 5.2
		Day 29	2020-07-29 08:34 (34)	4.05		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031085	Erythrocytes (10^12/L)	Day 57	2020-08-26 08:48 (29)	3.94		3.7 - 5.2
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-08 09:59 (-18)	39.2 (H)		1.7 - 21.5
	Hematocrit (L/L)	Screening	2020-06-08 09:59 (-18)	0.451		0.33 - 0.47
		Day 29	2020-07-29 08:34 (34)	0.443		0.33 - 0.47
		Day 57	2020-08-26 08:48 (29)	0.442		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-08 09:59 (-18)	138		110 - 155
		Day 29	2020-07-29 08:34 (34)	137	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-26 08:48 (29)	134	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-08 09:59 (-18)	<0.03		0 - 0.07
		Day 29	2020-07-29 08:34 (34)	<0.03		0 - 0.07
		Day 57	2020-08-26 08:48 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-08 09:59 (-18)	0.4		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031085	Immature Granulocytes/Leukocytes (%)	Day 29	2020-07-29 08:34 (34)	0.3		0 - 1
		Day 57	2020-08-26 08:48 (29)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-08 09:59 (-18)	4.97		3.7 - 11
		Day 29	2020-07-29 08:34 (34)	3.69 (L)		3.7 - 11
		Day 57	2020-08-26 08:48 (29)	3.25 (L)	G1 WBC Decreased	3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-08 09:59 (-18)	1.57		0.9 - 3.6
		Day 29	2020-07-29 08:34 (34)	1.37		0.9 - 3.6
		Day 57	2020-08-26 08:48 (29)	1.21		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-08 09:59 (-18)	31.6		12 - 46
		Day 29	2020-07-29 08:34 (34)	37.1		12 - 46
		Day 57	2020-08-26 08:48 (29)	37.2		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-08 09:59 (-18)	0.51		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031085	Monocytes (10^9/L)	Day 29	2020-07-29 08:34 (34)	0.44		0 - 1.2
		Day 57	2020-08-26 08:48 (29)	0.34		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-08 09:59 (-18)	10.3		0 - 11
		Day 29	2020-07-29 08:34 (34)	11.9 (H)		0 - 11
		Day 57	2020-08-26 08:48 (29)	10.5		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-08 09:59 (-18)	2.68		1.7 - 7.9
		Day 29	2020-07-29 08:34 (34)	1.71	G1 Neutrophils Decreased	1.7 - 7.9
		Day 57	2020-08-26 08:48 (29)	1.53 (L)	G1 Neutrophils Decreased	1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-08 09:59 (-18)	53.9		34 - 71
		Day 29	2020-07-29 08:34 (34)	46.3		34 - 71
		Day 57	2020-08-26 08:48 (29)	47.1		34 - 71
	Platelets (10^9/L)	Screening	2020-06-08 09:59 (-18)	196		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031085	Platelets (10^9/L)	Day 29	2020-07-29 08:34 (34)	206		163 - 375
		Day 57	2020-08-26 08:48 (29)	178		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-08 09:59 (-18)	0.9		0.9 - 1.1
		Unscheduled	2020-08-06 16:16 (9)	0.9		0.9 - 1.1
		Day 57	2020-08-26 08:48 (29)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-08 09:59 (-18)	10.2		9.4 - 12.5
		Unscheduled	2020-08-06 16:16 (9)	11.4		9.4 - 12.5
		Day 57	2020-08-26 08:48 (29)	11.2		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-08 09:59 (-18)	6.07		1.78 - 7.14
		Day 29	2020-07-29 08:34 (34)	6.78		1.78 - 7.14
		Day 57	2020-08-26 08:48 (29)	6.07		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-08 09:59 (-18)	21.2		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031085	Urea Nitrogen/Creatinine	Day 29	2020-07-29 08:34 (34)	23.8		7.8 - 26.7
		Day 57	2020-08-26 08:48 (29)	24.3		7.8 - 26.7
US2031089	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-08 13:50 (-18)	28.0		25.1 - 36.5
		Day 29	2020-07-29 09:48 (34)	24.9 (L)		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-08 13:50 (-18)	19		10 - 40
		Day 29	2020-07-29 09:48 (34)	31		10 - 40
		Day 57	2020-08-27 09:37 (30)	24		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-08 13:50 (-18)	59		43 - 115
		Day 29	2020-07-29 09:48 (34)	59		43 - 115
		Day 57	2020-08-27 09:37 (30)	65		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-08 13:50 (-18)	18		10 - 43
		Day 29	2020-07-29 09:48 (34)	23		10 - 43

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031089	Aspartate Aminotransferase (U/L)	Day 57	2020-08-27 09:37 (30)	18		10 - 43
	Basophils (10^9/L)	Screening	2020-06-08 13:50 (-18)	0.03		0 - 0.3
		Day 29	2020-07-29 09:48 (34)	0.04		0 - 0.3
		Day 57	2020-08-27 09:37 (30)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-08 13:50 (-18)	0.4		0 - 3
		Day 29	2020-07-29 09:48 (34)	0.7		0 - 3
		Day 57	2020-08-27 09:37 (30)	0.5		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-08 13:50 (-18)	8.2		- 18.8
		Day 29	2020-07-29 09:48 (34)	8.4		- 18.8
		Day 57	2020-08-27 09:37 (30)	9.4		- 18.8
	Creatinine (umol/L)	Screening	2020-06-08 13:50 (-18)	71		62 - 124
		Day 29	2020-07-29 09:48 (34)	71		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031089	Creatinine (umol/L)	Day 57	2020-08-27 09:37 (30)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-08 13:50 (-18)	<3.4		0 - 6.8
		Day 29	2020-07-29 09:48 (34)	<3.4		0 - 6.8
		Day 57	2020-08-27 09:37 (30)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-08 13:50 (-18)	0.17		0 - 0.8
		Day 29	2020-07-29 09:48 (34)	0.20		0 - 0.8
		Day 57	2020-08-27 09:37 (30)	0.24		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-08 13:50 (-18)	2.3		0 - 7
		Day 29	2020-07-29 09:48 (34)	3.6		0 - 7
		Day 57	2020-08-27 09:37 (30)	3.6		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-08 13:50 (-18)	4.90		4.63 - 6.08
		Day 29	2020-07-29 09:48 (34)	4.92		4.63 - 6.08

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031089	Erythrocytes (10^12/L)	Day 57	2020-08-27 09:37 (30)	4.94		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-08 13:50 (-18)	0.488		0.37 - 0.51
		Day 29	2020-07-29 09:48 (34)	0.491		0.37 - 0.51
		Day 57	2020-08-27 09:37 (30)	0.496		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-08 13:50 (-18)	151		125 - 170
		Day 29	2020-07-29 09:48 (34)	151		125 - 170
		Day 57	2020-08-27 09:37 (30)	150	G1 Hemoglobin Decreased	125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-08 13:50 (-18)	<0.03		0 - 0.07
		Day 29	2020-07-29 09:48 (34)	<0.03		0 - 0.07
		Day 57	2020-08-27 09:37 (30)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-08 13:50 (-18)	0.1		0 - 1
		Day 29	2020-07-29 09:48 (34)	0.2		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031089	Immature Granulocytes/Leukocytes (%)	Day 57	2020-08-27 09:37 (30)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-08 13:50 (-18)	7.37		3.7 - 11
		Day 29	2020-07-29 09:48 (34)	5.62		3.7 - 11
		Day 57	2020-08-27 09:37 (30)	6.62		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-08 13:50 (-18)	2.39		0.9 - 3.6
		Day 29	2020-07-29 09:48 (34)	1.84		0.9 - 3.6
		Day 57	2020-08-27 09:37 (30)	2.15		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-08 13:50 (-18)	32.4		12 - 46
		Day 29	2020-07-29 09:48 (34)	32.7		12 - 46
		Day 57	2020-08-27 09:37 (30)	32.5		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-08 13:50 (-18)	0.41		0 - 1.2
		Day 29	2020-07-29 09:48 (34)	0.38		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031089	Monocytes (10^9/L)	Day 57	2020-08-27 09:37 (30)	0.50		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-08 13:50 (-18)	5.6		0 - 11
		Day 29	2020-07-29 09:48 (34)	6.8		0 - 11
		Day 57	2020-08-27 09:37 (30)	7.6		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-08 13:50 (-18)	4.36		1.7 - 7.9
		Day 29	2020-07-29 09:48 (34)	3.15		1.7 - 7.9
		Day 57	2020-08-27 09:37 (30)	3.69		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-08 13:50 (-18)	59.2		34 - 71
		Day 29	2020-07-29 09:48 (34)	56.0		34 - 71
		Day 57	2020-08-27 09:37 (30)	55.6		34 - 71
	Platelets (10^9/L)	Screening	2020-06-08 13:50 (-18)	194		163 - 375
		Day 29	2020-07-29 09:48 (34)	197		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031089	Platelets (10^9/L)	Day 57	2020-08-27 09:37 (30)	202		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-08 13:50 (-18)	1.0		0.9 - 1.1
		Day 29	2020-07-29 09:48 (34)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-08 13:50 (-18)	11.5		9.4 - 12.5
		Day 29	2020-07-29 09:48 (34)	11.8		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-08 13:50 (-18)	6.78		1.78 - 7.14
		Day 29	2020-07-29 09:48 (34)	6.07		1.78 - 7.14
		Day 57	2020-08-27 09:37 (30)	6.43		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-08 13:50 (-18)	23.8		7.8 - 26.7
		Day 29	2020-07-29 09:48 (34)	21.2		7.8 - 26.7
		Day 57	2020-08-27 09:37 (30)	22.5		7.8 - 26.7
US2031092	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-08 15:20 (-22)	28.5		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031092	Activated Partial Thromboplastin Time (sec)	Unscheduled	2020-06-18 11:35 (-12)	29.0		25.1 - 36.5
		Day 29	2020-07-29 10:27 (30)	25.7		25.1 - 36.5
		Day 57	2020-08-25 10:58 (28)	30.3		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-08 15:20 (-22)	17		10 - 33
		Day 29	2020-07-29 10:27 (30)	15		10 - 33
		Day 57	2020-08-25 10:58 (28)	18		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-08 15:20 (-22)	82		30 - 115
		Day 29	2020-07-29 10:27 (30)	77		30 - 115
		Day 57	2020-08-25 10:58 (28)	77		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-08 15:20 (-22)	21		10 - 36
		Day 29	2020-07-29 10:27 (30)	21		10 - 36
		Day 57	2020-08-25 10:58 (28)	18		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031092	Basophils (10^9/L)	Unscheduled	2020-06-18 11:35 (-12)	0.03		0 - 0.3
		Day 29	2020-07-29 10:27 (30)	<0.03		0 - 0.3
		Day 57	2020-08-25 10:58 (28)	0.05		0 - 0.3
	Basophils/Leukocytes (%)	Unscheduled	2020-06-18 11:35 (-12)	0.4		0 - 3
		Day 29	2020-07-29 10:27 (30)	0.3		0 - 3
		Day 57	2020-08-25 10:58 (28)	0.8		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-08 15:20 (-22)	4.6		- 18.8
		Day 29	2020-07-29 10:27 (30)	6.7		- 18.8
		Day 57	2020-08-25 10:58 (28)	6.2		- 18.8
	Creatinine (umol/L)	Screening	2020-06-08 15:20 (-22)	53 (L)		62 - 124
		Day 29	2020-07-29 10:27 (30)	62		62 - 124
		Day 57	2020-08-25 10:58 (28)	53 (L)		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031092	Direct Bilirubin (umol/L)	Screening	2020-06-08 15:20 (-22)	<3.4		0 - 6.8
		Day 29	2020-07-29 10:27 (30)	<3.4		0 - 6.8
		Day 57	2020-08-25 10:58 (28)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Unscheduled	2020-06-18 11:35 (-12)	0.16		0 - 0.8
		Day 29	2020-07-29 10:27 (30)	0.17		0 - 0.8
		Day 57	2020-08-25 10:58 (28)	0.18		0 - 0.8
	Eosinophils/Leukocytes (%)	Unscheduled	2020-06-18 11:35 (-12)	2.4		0 - 7
		Day 29	2020-07-29 10:27 (30)	2.6		0 - 7
		Day 57	2020-08-25 10:58 (28)	3.0		0 - 7
	Erythrocytes (10^12/L)	Unscheduled	2020-06-18 11:35 (-12)	4.77		3.7 - 5.2
		Day 29	2020-07-29 10:27 (30)	4.36		3.7 - 5.2
		Day 57	2020-08-25 10:58 (28)	4.50		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031092	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-08 15:20 (-22)	47.7 (H)		1.7 - 21.5
	Hematocrit (L/L)	Unscheduled	2020-06-18 11:35 (-12)	0.482 (H)		0.33 - 0.47
		Day 29	2020-07-29 10:27 (30)	0.446		0.33 - 0.47
		Day 57	2020-08-25 10:58 (28)	0.499 (H)		0.33 - 0.47
	Hemoglobin (g/L)	Unscheduled	2020-06-18 11:35 (-12)	150		110 - 155
		Day 29	2020-07-29 10:27 (30)	138	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-25 10:58 (28)	143	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Unscheduled	2020-06-18 11:35 (-12)	<0.03		0 - 0.07
		Day 29	2020-07-29 10:27 (30)	<0.03		0 - 0.07
		Day 57	2020-08-25 10:58 (28)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Unscheduled	2020-06-18 11:35 (-12)	0.3		0 - 1
		Day 29	2020-07-29 10:27 (30)	0.3		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031092	Immature Granulocytes/Leukocytes (%)	Day 57	2020-08-25 10:58 (28)	0.3		0 - 1
	Leukocytes (10^9/L)	Unscheduled	2020-06-18 11:35 (-12)	6.76		3.7 - 11
		Day 29	2020-07-29 10:27 (30)	6.64		3.7 - 11
		Day 57	2020-08-25 10:58 (28)	6.01		3.7 - 11
	Lymphocytes (10^9/L)	Unscheduled	2020-06-18 11:35 (-12)	2.20		0.9 - 3.6
		Day 29	2020-07-29 10:27 (30)	1.60		0.9 - 3.6
		Day 57	2020-08-25 10:58 (28)	1.44		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Unscheduled	2020-06-18 11:35 (-12)	32.5		12 - 46
		Day 29	2020-07-29 10:27 (30)	24.1		12 - 46
		Day 57	2020-08-25 10:58 (28)	24.0		12 - 46
	Monocytes (10^9/L)	Unscheduled	2020-06-18 11:35 (-12)	0.56		0 - 1.2
		Day 29	2020-07-29 10:27 (30)	0.56		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031092	Monocytes (10^9/L)	Day 57	2020-08-25 10:58 (28)	0.44		0 - 1.2
	Monocytes/Leukocytes (%)	Unscheduled	2020-06-18 11:35 (-12)	8.3		0 - 11
		Day 29	2020-07-29 10:27 (30)	8.4		0 - 11
		Day 57	2020-08-25 10:58 (28)	7.3		0 - 11
	Neutrophils (10^9/L)	Unscheduled	2020-06-18 11:35 (-12)	3.79		1.7 - 7.9
		Day 29	2020-07-29 10:27 (30)	4.27		1.7 - 7.9
		Day 57	2020-08-25 10:58 (28)	3.88		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Unscheduled	2020-06-18 11:35 (-12)	56.1		34 - 71
		Day 29	2020-07-29 10:27 (30)	64.3		34 - 71
		Day 57	2020-08-25 10:58 (28)	64.6		34 - 71
	Platelets (10^9/L)	Unscheduled	2020-06-18 11:35 (-12)	180		163 - 375
		Day 29	2020-07-29 10:27 (30)	141 (L)		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031092	Platelets (10^9/L)	Day 57	2020-08-25 10:58 (28)	180		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-08 15:20 (-22)	0.9		0.9 - 1.1
		Unscheduled	2020-06-18 11:35 (-12)	1.0		0.9 - 1.1
		Day 29	2020-07-29 10:27 (30)	0.9		0.9 - 1.1
		Day 57	2020-08-25 10:58 (28)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-08 15:20 (-22)	11.0		9.4 - 12.5
		Unscheduled	2020-06-18 11:35 (-12)	11.3		9.4 - 12.5
		Day 29	2020-07-29 10:27 (30)	11.4		9.4 - 12.5
		Day 57	2020-08-25 10:58 (28)	11.0		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-08 15:20 (-22)	5.35		1.78 - 7.14
		Day 29	2020-07-29 10:27 (30)	5.35		1.78 - 7.14
		Day 57	2020-08-25 10:58 (28)	4.64		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031092	Urea Nitrogen/Creatinine	Screening	2020-06-08 15:20 (-22)	25.0		7.8 - 26.7
		Day 29	2020-07-29 10:27 (30)	21.4		7.8 - 26.7
		Day 57	2020-08-25 10:58 (28)	21.7		7.8 - 26.7
US2031095	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-09 10:24 (-20)	37.6 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
		Unscheduled	2020-06-22 08:09 (-7)	35.6		25.1 - 36.5
		Day 29	2020-07-27 08:35 (29)	32.5		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-09 10:24 (-20)	13		10 - 33
		Day 29	2020-07-27 08:35 (29)	13		10 - 33
		Day 57	2020-08-21 11:55 (26)	11		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-09 10:24 (-20)	78		30 - 115
		Day 29	2020-07-27 08:35 (29)	73		30 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031095	Alkaline Phosphatase (U/L)	Day 57	2020-08-21 11:55 (26)	73		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-09 10:24 (-20)	17		10 - 36
		Day 29	2020-07-27 08:35 (29)	14		10 - 36
		Day 57	2020-08-21 11:55 (26)	17		10 - 36
	Basophils (10^9/L)	Screening	2020-06-09 10:24 (-20)	0.03		0 - 0.3
		Day 29	2020-07-27 08:35 (29)	0.04		0 - 0.3
		Day 57	2020-08-21 11:55 (26)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-09 10:24 (-20)	0.4		0 - 3
		Day 29	2020-07-27 08:35 (29)	0.7		0 - 3
		Day 57	2020-08-21 11:55 (26)	0.3		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-09 10:24 (-20)	6.3		- 18.8
		Day 29	2020-07-27 08:35 (29)	3.6		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031095	Bilirubin (umol/L)	Day 57	2020-08-21 11:55 (26)	3.9		- 18.8
	Creatinine (umol/L)	Screening	2020-06-09 10:24 (-20)	71		62 - 124
		Day 29	2020-07-27 08:35 (29)	62		62 - 124
		Day 57	2020-08-21 11:55 (26)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-09 10:24 (-20)	<3.4		0 - 6.8
		Day 29	2020-07-27 08:35 (29)	<3.4		0 - 6.8
		Day 57	2020-08-21 11:55 (26)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-09 10:24 (-20)	0.17		0 - 0.8
		Day 29	2020-07-27 08:35 (29)	0.16		0 - 0.8
		Day 57	2020-08-21 11:55 (26)	0.16		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-09 10:24 (-20)	2.3		0 - 7
		Day 29	2020-07-27 08:35 (29)	2.6		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031095	Eosinophils/Leukocytes (%)	Day 57	2020-08-21 11:55 (26)	1.7		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-09 10:24 (-20)	4.95		3.7 - 5.2
		Day 29	2020-07-27 08:35 (29)	4.85		3.7 - 5.2
		Day 57	2020-08-21 11:55 (26)	4.34		3.7 - 5.2
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-09 10:24 (-20)	59.6 (H)		1.7 - 21.5
	Hematocrit (L/L)	Screening	2020-06-09 10:24 (-20)	0.460		0.33 - 0.47
		Day 29	2020-07-27 08:35 (29)	0.462		0.33 - 0.47
		Day 57	2020-08-21 11:55 (26)	0.413		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-09 10:24 (-20)	141		110 - 155
		Day 29	2020-07-27 08:35 (29)	140	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-21 11:55 (26)	126	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-09 10:24 (-20)	0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031095	Immature Granulocytes (10^9/L)	Day 29	2020-07-27 08:35 (29)	<0.03		0 - 0.07
		Day 57	2020-08-21 11:55 (26)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-09 10:24 (-20)	0.4		0 - 1
		Day 29	2020-07-27 08:35 (29)	0.2		0 - 1
		Day 57	2020-08-21 11:55 (26)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-09 10:24 (-20)	7.39		3.7 - 11
		Day 29	2020-07-27 08:35 (29)	6.13		3.7 - 11
		Day 57	2020-08-21 11:55 (26)	9.34		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-09 10:24 (-20)	1.69		0.9 - 3.6
		Day 29	2020-07-27 08:35 (29)	1.58		0.9 - 3.6
		Day 57	2020-08-21 11:55 (26)	1.85		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-09 10:24 (-20)	22.9		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031095	Lymphocytes/Leukocytes (%)	Day 29	2020-07-27 08:35 (29)	25.8		12 - 46
		Day 57	2020-08-21 11:55 (26)	19.8		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-09 10:24 (-20)	0.58		0 - 1.2
		Day 29	2020-07-27 08:35 (29)	0.45		0 - 1.2
		Day 57	2020-08-21 11:55 (26)	0.67		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-09 10:24 (-20)	7.8		0 - 11
		Day 29	2020-07-27 08:35 (29)	7.3		0 - 11
		Day 57	2020-08-21 11:55 (26)	7.2		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-09 10:24 (-20)	4.89		1.7 - 7.9
		Day 29	2020-07-27 08:35 (29)	3.89		1.7 - 7.9
		Day 57	2020-08-21 11:55 (26)	6.61		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-09 10:24 (-20)	66.2		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031095	Neutrophils/Leukocytes (%)	Day 29	2020-07-27 08:35 (29)	63.4		34 - 71
		Day 57	2020-08-21 11:55 (26)	70.8		34 - 71
	Platelets (10^9/L)	Screening	2020-06-09 10:24 (-20)	252		163 - 375
		Day 29	2020-07-27 08:35 (29)	252		163 - 375
		Day 57	2020-08-21 11:55 (26)	289		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-09 10:24 (-20)	0.9		0.9 - 1.1
		Unscheduled	2020-06-22 08:09 (-7)	0.9		0.9 - 1.1
		Day 29	2020-07-27 08:35 (29)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-09 10:24 (-20)	10.5		9.4 - 12.5
		Unscheduled	2020-06-22 08:09 (-7)	10.5		9.4 - 12.5
		Day 29	2020-07-27 08:35 (29)	11.2		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-09 10:24 (-20)	4.28		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031095	Urea Nitrogen (mmol/L)	Day 29	2020-07-27 08:35 (29)	3.57		1.78 - 7.14
		Day 57	2020-08-21 11:55 (26)	4.28		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-09 10:24 (-20)	15.0		7.8 - 26.7
		Day 29	2020-07-27 08:35 (29)	14.3		7.8 - 26.7
		Day 57	2020-08-21 11:55 (26)	20.0		7.8 - 26.7
US2031098	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-09 11:04 (-20)	31.0		25.1 - 36.5
		Day 29	2020-07-29 10:55 (31)	27.5		25.1 - 36.5
		Day 57	2020-08-24 11:03 (27)	29.2		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-09 11:04 (-20)	18		10 - 33
		Day 29	2020-07-29 10:55 (31)	18		10 - 33
		Day 57	2020-08-24 11:03 (27)	18		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-09 11:04 (-20)	50		30 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031098	Alkaline Phosphatase (U/L)	Day 29	2020-07-29 10:55 (31)	53		30 - 115
		Day 57	2020-08-24 11:03 (27)	48		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-09 11:04 (-20)	16		10 - 36
		Day 29	2020-07-29 10:55 (31)	18		10 - 36
		Day 57	2020-08-24 11:03 (27)	16		10 - 36
	Basophils (10^9/L)	Screening	2020-06-09 11:04 (-20)	0.03		0 - 0.3
		Day 29	2020-07-29 10:55 (31)	0.03		0 - 0.3
		Day 57	2020-08-24 11:03 (27)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-09 11:04 (-20)	0.6		0 - 3
		Day 29	2020-07-29 10:55 (31)	0.5		0 - 3
		Day 57	2020-08-24 11:03 (27)	0.7		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-09 11:04 (-20)	8.4		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031098	Bilirubin (umol/L)	Day 29	2020-07-29 10:55 (31)	7.4		- 18.8
		Day 57	2020-08-24 11:03 (27)	8.6		- 18.8
	Creatinine (umol/L)	Screening	2020-06-09 11:04 (-20)	53 (L)		62 - 124
		Day 29	2020-07-29 10:55 (31)	53 (L)		62 - 124
		Day 57	2020-08-24 11:03 (27)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-09 11:04 (-20)	<3.4		0 - 6.8
		Day 29	2020-07-29 10:55 (31)	<3.4		0 - 6.8
		Day 57	2020-08-24 11:03 (27)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-09 11:04 (-20)	0.05		0 - 0.8
		Day 29	2020-07-29 10:55 (31)	0.04		0 - 0.8
		Day 57	2020-08-24 11:03 (27)	0.03		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-09 11:04 (-20)	1.0		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031098	Eosinophils/Leukocytes (%)	Day 29	2020-07-29 10:55 (31)	0.6		0 - 7
		Day 57	2020-08-24 11:03 (27)	0.6		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-09 11:04 (-20)	4.56		3.7 - 5.2
		Day 29	2020-07-29 10:55 (31)	4.54		3.7 - 5.2
		Day 57	2020-08-24 11:03 (27)	4.05		3.7 - 5.2
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-09 11:04 (-20)	74.4 (H)		1.7 - 21.5
	Hematocrit (L/L)	Screening	2020-06-09 11:04 (-20)	0.422		0.33 - 0.47
		Day 29	2020-07-29 10:55 (31)	0.436		0.33 - 0.47
		Day 57	2020-08-24 11:03 (27)	0.392		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-09 11:04 (-20)	134		110 - 155
		Day 29	2020-07-29 10:55 (31)	135		110 - 155
		Day 57	2020-08-24 11:03 (27)	121	G1 Hemoglobin Decreased	110 - 155

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031098	Immature Granulocytes (10^9/L)	Screening	2020-06-09 11:04 (-20)	<0.03		0 - 0.07
		Day 29	2020-07-29 10:55 (31)	<0.03		0 - 0.07
		Day 57	2020-08-24 11:03 (27)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-09 11:04 (-20)	0.2		0 - 1
		Day 29	2020-07-29 10:55 (31)	0.2		0 - 1
		Day 57	2020-08-24 11:03 (27)	0.0		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-09 11:04 (-20)	5.13		3.7 - 11
		Day 29	2020-07-29 10:55 (31)	6.48		3.7 - 11
		Day 57	2020-08-24 11:03 (27)	5.41		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-09 11:04 (-20)	1.69		0.9 - 3.6
		Day 29	2020-07-29 10:55 (31)	1.95		0.9 - 3.6
		Day 57	2020-08-24 11:03 (27)	1.63		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031098	Lymphocytes/Leukocytes (%)	Screening	2020-06-09 11:04 (-20)	32.9		12 - 46
		Day 29	2020-07-29 10:55 (31)	30.1		12 - 46
		Day 57	2020-08-24 11:03 (27)	30.1		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-09 11:04 (-20)	0.43		0 - 1.2
		Day 29	2020-07-29 10:55 (31)	0.50		0 - 1.2
		Day 57	2020-08-24 11:03 (27)	0.55		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-09 11:04 (-20)	8.4		0 - 11
		Day 29	2020-07-29 10:55 (31)	7.7		0 - 11
		Day 57	2020-08-24 11:03 (27)	10.2		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-09 11:04 (-20)	2.92		1.7 - 7.9
		Day 29	2020-07-29 10:55 (31)	3.95		1.7 - 7.9
		Day 57	2020-08-24 11:03 (27)	3.16		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031098	Neutrophils/Leukocytes (%)	Screening	2020-06-09 11:04 (-20)	56.9		34 - 71
		Day 29	2020-07-29 10:55 (31)	60.9		34 - 71
		Day 57	2020-08-24 11:03 (27)	58.4		34 - 71
	Platelets (10^9/L)	Screening	2020-06-09 11:04 (-20)	286		163 - 375
		Day 29	2020-07-29 10:55 (31)	293		163 - 375
		Day 57	2020-08-24 11:03 (27)	271		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-09 11:04 (-20)	0.9		0.9 - 1.1
		Day 29	2020-07-29 10:55 (31)	0.9		0.9 - 1.1
		Day 57	2020-08-24 11:03 (27)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-09 11:04 (-20)	10.7		9.4 - 12.5
		Day 29	2020-07-29 10:55 (31)	10.9		9.4 - 12.5
		Day 57	2020-08-24 11:03 (27)	11.3		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031098	Urea Nitrogen (mmol/L)	Screening	2020-06-09 11:04 (-20)	5.00		1.78 - 7.14
		Day 29	2020-07-29 10:55 (31)	5.35		1.78 - 7.14
		Day 57	2020-08-24 11:03 (27)	7.50 (H)		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-09 11:04 (-20)	23.3		7.8 - 26.7
		Day 29	2020-07-29 10:55 (31)	25.0		7.8 - 26.7
		Day 57	2020-08-24 11:03 (27)	35.0 (H)		7.8 - 26.7
US2031100	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-09 16:05 (-22)	31.5		25.1 - 36.5
		Day 29	2020-08-03 15:55 (34)	30.3		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-09 16:05 (-22)	13		10 - 33
		Day 29	2020-08-03 15:55 (34)	12		10 - 33
		Day 57	2020-09-02 16:38 (31)	12		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-09 16:05 (-22)	116 (H)		30 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031100	Alkaline Phosphatase (U/L)	Day 29	2020-08-03 15:55 (34)	94		30 - 115
		Day 57	2020-09-02 16:38 (31)	104		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-09 16:05 (-22)	19		10 - 36
		Day 29	2020-08-03 15:55 (34)	29		10 - 36
		Day 57	2020-09-02 16:38 (31)	17		10 - 36
	Basophils (10^9/L)	Screening	2020-06-09 16:05 (-22)	0.04		0 - 0.3
		Day 29	2020-08-03 15:55 (34)	0.04		0 - 0.3
		Day 57	2020-09-02 16:38 (31)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-09 16:05 (-22)	0.9		0 - 3
		Day 29	2020-08-03 15:55 (34)	0.7		0 - 3
		Day 57	2020-09-02 16:38 (31)	1.0		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-09 16:05 (-22)	9.2		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031100	Bilirubin (umol/L)	Day 29	2020-08-03 15:55 (34)	8.7		- 18.8
		Day 57	2020-09-02 16:38 (31)	13.2		- 18.8
	Creatinine (umol/L)	Screening	2020-06-09 16:05 (-22)	62		62 - 124
		Day 29	2020-08-03 15:55 (34)	62		62 - 124
		Day 57	2020-09-02 16:38 (31)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-09 16:05 (-22)	<3.4		0 - 6.8
		Day 29	2020-08-03 15:55 (34)	<3.4		0 - 6.8
		Day 57	2020-09-02 16:38 (31)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-09 16:05 (-22)	0.07		0 - 0.8
		Day 29	2020-08-03 15:55 (34)	0.06		0 - 0.8
		Day 57	2020-09-02 16:38 (31)	0.04		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-09 16:05 (-22)	1.6		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031100	Eosinophils/Leukocytes (%)	Day 29	2020-08-03 15:55 (34)	1.1		0 - 7
		Day 57	2020-09-02 16:38 (31)	1.0		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-09 16:05 (-22)	4.43		3.7 - 5.2
		Day 29	2020-08-03 15:55 (34)	4.17		3.7 - 5.2
		Day 57	2020-09-02 16:38 (31)	4.07		3.7 - 5.2
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-09 16:05 (-22)	71.9 (H)		1.7 - 21.5
	Hematocrit (L/L)	Screening	2020-06-09 16:05 (-22)	0.440		0.33 - 0.47
		Day 29	2020-08-03 15:55 (34)	0.413		0.33 - 0.47
		Day 57	2020-09-02 16:38 (31)	0.406		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-09 16:05 (-22)	137		110 - 155
		Day 29	2020-08-03 15:55 (34)	130	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-09-02 16:38 (31)	126	G1 Hemoglobin Decreased	110 - 155

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031100	Immature Granulocytes (10^9/L)	Screening	2020-06-09 16:05 (-22)	<0.03		0 - 0.07
		Day 29	2020-08-03 15:55 (34)	<0.03		0 - 0.07
		Day 57	2020-09-02 16:38 (31)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-09 16:05 (-22)	0.0		0 - 1
		Day 29	2020-08-03 15:55 (34)	0.2		0 - 1
		Day 57	2020-09-02 16:38 (31)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-09 16:05 (-22)	4.38		3.7 - 11
		Day 29	2020-08-03 15:55 (34)	5.44		3.7 - 11
		Day 57	2020-09-02 16:38 (31)	3.82		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-09 16:05 (-22)	1.88		0.9 - 3.6
		Day 29	2020-08-03 15:55 (34)	2.20		0.9 - 3.6
		Day 57	2020-09-02 16:38 (31)	1.77		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031100	Lymphocytes/Leukocytes (%)	Screening	2020-06-09 16:05 (-22)	42.9		12 - 46
		Day 29	2020-08-03 15:55 (34)	40.4		12 - 46
		Day 57	2020-09-02 16:38 (31)	46.3 (H)		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-09 16:05 (-22)	0.45		0 - 1.2
		Day 29	2020-08-03 15:55 (34)	0.56		0 - 1.2
		Day 57	2020-09-02 16:38 (31)	0.44		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-09 16:05 (-22)	10.3		0 - 11
		Day 29	2020-08-03 15:55 (34)	10.3		0 - 11
		Day 57	2020-09-02 16:38 (31)	11.5 (H)		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-09 16:05 (-22)	1.94	G1 Neutrophils Decreased	1.7 - 7.9
		Day 29	2020-08-03 15:55 (34)	2.57		1.7 - 7.9
		Day 57	2020-09-02 16:38 (31)	1.52 (L)	G1 Neutrophils Decreased	1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031100	Neutrophils/Leukocytes (%)	Screening	2020-06-09 16:05 (-22)	44.3		34 - 71
		Day 29	2020-08-03 15:55 (34)	47.3		34 - 71
		Day 57	2020-09-02 16:38 (31)	39.9		34 - 71
	Platelets (10^9/L)	Screening	2020-06-09 16:05 (-22)	298		163 - 375
		Day 29	2020-08-03 15:55 (34)	294		163 - 375
		Day 57	2020-09-02 16:38 (31)	290		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-09 16:05 (-22)	0.9		0.9 - 1.1
		Day 29	2020-08-03 15:55 (34)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-09 16:05 (-22)	10.9		9.4 - 12.5
		Day 29	2020-08-03 15:55 (34)	11.9		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-09 16:05 (-22)	2.86		1.78 - 7.14
		Day 29	2020-08-03 15:55 (34)	3.93		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031100	Urea Nitrogen (mmol/L)	Day 57	2020-09-02 16:38 (31)	3.93		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-09 16:05 (-22)	11.4		7.8 - 26.7
		Day 29	2020-08-03 15:55 (34)	15.7		7.8 - 26.7
		Day 57	2020-09-02 16:38 (31)	13.8		7.8 - 26.7
US2031102	Activated Partial Thromboplastin Time (sec)	Unscheduled	2020-06-17 15:38 (-15)	34.5		25.1 - 36.5
		Day 29	2020-08-03 16:47 (33)	34.6		25.1 - 36.5
		Day 57	2020-08-28 10:50 (26)	23.9 (L)		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-09 16:34 (-23)	32		10 - 33
		Day 29	2020-08-03 16:47 (33)	26		10 - 33
		Day 57	2020-08-28 10:50 (26)	25		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-09 16:34 (-23)	43		30 - 115
		Day 29	2020-08-03 16:47 (33)	44		30 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031102	Alkaline Phosphatase (U/L)	Day 57	2020-08-28 10:50 (26)	42		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-09 16:34 (-23)	32		10 - 36
		Day 29	2020-08-03 16:47 (33)	28		10 - 36
		Day 57	2020-08-28 10:50 (26)	29		10 - 36
	Basophils (10^9/L)	Screening	2020-06-09 16:34 (-23)	<0.03		0 - 0.3
		Day 29	2020-08-03 16:47 (33)	0.03		0 - 0.3
		Day 57	2020-08-28 10:50 (26)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-09 16:34 (-23)	0.4		0 - 3
		Day 29	2020-08-03 16:47 (33)	0.5		0 - 3
		Day 57	2020-08-28 10:50 (26)	0.6		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-09 16:34 (-23)	6.7		- 18.8
		Day 29	2020-08-03 16:47 (33)	2.9		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031102	Bilirubin (umol/L)	Day 57	2020-08-28 10:50 (26)	5.3		- 18.8
	Creatinine (umol/L)	Screening	2020-06-09 16:34 (-23)	35 (L)		62 - 124
		Day 29	2020-08-03 16:47 (33)	44 (L)		62 - 124
		Day 57	2020-08-28 10:50 (26)	35 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-09 16:34 (-23)	<3.4		0 - 6.8
		Day 29	2020-08-03 16:47 (33)	<3.4		0 - 6.8
		Day 57	2020-08-28 10:50 (26)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-09 16:34 (-23)	0.18		0 - 0.8
		Day 29	2020-08-03 16:47 (33)	0.16		0 - 0.8
		Day 57	2020-08-28 10:50 (26)	0.09		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-09 16:34 (-23)	3.3		0 - 7
		Day 29	2020-08-03 16:47 (33)	2.8		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031102	Eosinophils/Leukocytes (%)	Day 57	2020-08-28 10:50 (26)	2.8		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-09 16:34 (-23)	3.83		3.7 - 5.2
		Day 29	2020-08-03 16:47 (33)	4.06		3.7 - 5.2
		Day 57	2020-08-28 10:50 (26)	3.86		3.7 - 5.2
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-09 16:34 (-23)	71.3 (H)		1.7 - 21.5
	Hematocrit (L/L)	Screening	2020-06-09 16:34 (-23)	0.395		0.33 - 0.47
		Day 29	2020-08-03 16:47 (33)	0.412		0.33 - 0.47
		Day 57	2020-08-28 10:50 (26)	0.399		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-09 16:34 (-23)	124		110 - 155
		Day 29	2020-08-03 16:47 (33)	131		110 - 155
		Day 57	2020-08-28 10:50 (26)	125		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-09 16:34 (-23)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031102	Immature Granulocytes (10^9/L)	Day 29	2020-08-03 16:47 (33)	<0.03		0 - 0.07
		Day 57	2020-08-28 10:50 (26)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-09 16:34 (-23)	0.0		0 - 1
		Day 29	2020-08-03 16:47 (33)	0.2		0 - 1
		Day 57	2020-08-28 10:50 (26)	0.0		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-09 16:34 (-23)	5.39		3.7 - 11
		Day 29	2020-08-03 16:47 (33)	5.64		3.7 - 11
		Day 57	2020-08-28 10:50 (26)	3.25 (L)	G1 WBC Decreased	3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-09 16:34 (-23)	1.99		0.9 - 3.6
		Day 29	2020-08-03 16:47 (33)	1.95		0.9 - 3.6
		Day 57	2020-08-28 10:50 (26)	0.99	G1 Lymphocytes Decreased	0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-09 16:34 (-23)	36.9		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031102	Lymphocytes/Leukocytes (%)	Day 29	2020-08-03 16:47 (33)	34.6		12 - 46
		Day 57	2020-08-28 10:50 (26)	30.5		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-09 16:34 (-23)	0.42		0 - 1.2
		Day 29	2020-08-03 16:47 (33)	0.41		0 - 1.2
		Day 57	2020-08-28 10:50 (26)	0.26		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-09 16:34 (-23)	7.8		0 - 11
		Day 29	2020-08-03 16:47 (33)	7.3		0 - 11
		Day 57	2020-08-28 10:50 (26)	8.0		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-09 16:34 (-23)	2.78		1.7 - 7.9
		Day 29	2020-08-03 16:47 (33)	3.08		1.7 - 7.9
		Day 57	2020-08-28 10:50 (26)	1.89	G1 Neutrophils Decreased	1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-09 16:34 (-23)	51.6		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031102	Neutrophils/Leukocytes (%)	Day 29	2020-08-03 16:47 (33)	54.6		34 - 71
		Day 57	2020-08-28 10:50 (26)	58.1		34 - 71
	Platelets (10^9/L)	Screening	2020-06-09 16:34 (-23)	278		163 - 375
		Day 29	2020-08-03 16:47 (33)	281		163 - 375
		Day 57	2020-08-28 10:50 (26)	241		163 - 375
	Prothrombin Intl. Normalized Ratio	Unscheduled	2020-06-17 15:38 (-15)	1.0		0.9 - 1.1
		Day 29	2020-08-03 16:47 (33)	1.0		0.9 - 1.1
		Day 57	2020-08-28 10:50 (26)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Unscheduled	2020-06-17 15:38 (-15)	11.2		9.4 - 12.5
		Day 29	2020-08-03 16:47 (33)	12.0		9.4 - 12.5
		Day 57	2020-08-28 10:50 (26)	11.4		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-09 16:34 (-23)	5.71		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031102	Urea Nitrogen (mmol/L)	Day 29	2020-08-03 16:47 (33)	6.07		1.78 - 7.14
		Day 57	2020-08-28 10:50 (26)	5.00		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-09 16:34 (-23)	40.0 (H)		7.8 - 26.7
		Day 29	2020-08-03 16:47 (33)	34.0 (H)		7.8 - 26.7
		Day 57	2020-08-28 10:50 (26)	35.0 (H)		7.8 - 26.7
US2031103	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-09 17:17 (-20)	30.6		25.1 - 36.5
		Unscheduled	2020-08-06 16:16 (8)	30.6		25.1 - 36.5
		Day 57	2020-08-27 16:29 (29)	27.0		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-09 17:17 (-20)	21		10 - 40
		Day 29	2020-07-30 16:44 (32)	18		10 - 40
		Day 57	2020-08-27 16:29 (29)	20		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-09 17:17 (-20)	60		43 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031103	Alkaline Phosphatase (U/L)	Day 29	2020-07-30 16:44 (32)	56		43 - 115
		Day 57	2020-08-27 16:29 (29)	56		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-09 17:17 (-20)	21		10 - 43
		Day 29	2020-07-30 16:44 (32)	14		10 - 43
		Day 57	2020-08-27 16:29 (29)	17		10 - 43
	Basophils (10^9/L)	Screening	2020-06-09 17:17 (-20)	0.07		0 - 0.3
		Day 29	2020-07-30 16:44 (32)	0.07		0 - 0.3
		Day 57	2020-08-27 16:29 (29)	0.06		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-09 17:17 (-20)	1.0		0 - 3
		Day 29	2020-07-30 16:44 (32)	1.1		0 - 3
		Day 57	2020-08-27 16:29 (29)	1.0		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-09 17:17 (-20)	3.9		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031103	Bilirubin (umol/L)	Day 29	2020-07-30 16:44 (32)	2.7		- 18.8
		Day 57	2020-08-27 16:29 (29)	3.8		- 18.8
	Creatinine (umol/L)	Screening	2020-06-09 17:17 (-20)	71		62 - 124
		Day 29	2020-07-30 16:44 (32)	88		62 - 124
		Day 57	2020-08-27 16:29 (29)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-09 17:17 (-20)	<3.4		0 - 6.8
		Day 29	2020-07-30 16:44 (32)	<3.4		0 - 6.8
		Day 57	2020-08-27 16:29 (29)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-09 17:17 (-20)	0.33		0 - 0.8
		Day 29	2020-07-30 16:44 (32)	0.33		0 - 0.8
		Day 57	2020-08-27 16:29 (29)	0.33		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-09 17:17 (-20)	4.8		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031103	Eosinophils/Leukocytes (%)	Day 29	2020-07-30 16:44 (32)	5.1		0 - 7
		Day 57	2020-08-27 16:29 (29)	5.3		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-09 17:17 (-20)	5.23		4.63 - 6.08
		Day 29	2020-07-30 16:44 (32)	4.97		4.63 - 6.08
		Day 57	2020-08-27 16:29 (29)	4.83		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-09 17:17 (-20)	0.498		0.37 - 0.51
		Day 29	2020-07-30 16:44 (32)	0.496		0.37 - 0.51
		Day 57	2020-08-27 16:29 (29)	0.468		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-09 17:17 (-20)	159		125 - 170
		Day 29	2020-07-30 16:44 (32)	152	G1 Hemoglobin Decreased	125 - 170
		Day 57	2020-08-27 16:29 (29)	146	G1 Hemoglobin Decreased	125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-09 17:17 (-20)	0.08 (H)		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031103	Immature Granulocytes (10^9/L)	Day 29	2020-07-30 16:44 (32)	0.08 (H)		0 - 0.07
		Day 57	2020-08-27 16:29 (29)	0.06		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-09 17:17 (-20)	1.2 (H)		0 - 1
		Day 29	2020-07-30 16:44 (32)	1.2 (H)		0 - 1
		Day 57	2020-08-27 16:29 (29)	1.0		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-09 17:17 (-20)	6.87		3.7 - 11
		Day 29	2020-07-30 16:44 (32)	6.49		3.7 - 11
		Day 57	2020-08-27 16:29 (29)	6.26		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-09 17:17 (-20)	1.81		0.9 - 3.6
		Day 29	2020-07-30 16:44 (32)	1.63		0.9 - 3.6
		Day 57	2020-08-27 16:29 (29)	1.66		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-09 17:17 (-20)	26.3		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031103	Lymphocytes/Leukocytes (%)	Day 29	2020-07-30 16:44 (32)	25.1		12 - 46
		Day 57	2020-08-27 16:29 (29)	26.5		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-09 17:17 (-20)	0.56		0 - 1.2
		Day 29	2020-07-30 16:44 (32)	0.65		0 - 1.2
		Day 57	2020-08-27 16:29 (29)	0.70		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-09 17:17 (-20)	8.2		0 - 11
		Day 29	2020-07-30 16:44 (32)	10.0		0 - 11
		Day 57	2020-08-27 16:29 (29)	11.2 (H)		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-09 17:17 (-20)	4.02		1.7 - 7.9
		Day 29	2020-07-30 16:44 (32)	3.73		1.7 - 7.9
		Day 57	2020-08-27 16:29 (29)	3.45		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-09 17:17 (-20)	58.5		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031103	Neutrophils/Leukocytes (%)	Day 29	2020-07-30 16:44 (32)	57.5		34 - 71
		Day 57	2020-08-27 16:29 (29)	55.0		34 - 71
	Platelets (10^9/L)	Screening	2020-06-09 17:17 (-20)	281		163 - 375
		Day 29	2020-07-30 16:44 (32)	259		163 - 375
		Day 57	2020-08-27 16:29 (29)	246		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-09 17:17 (-20)	1.0		0.9 - 1.1
		Unscheduled	2020-08-06 16:16 (8)	1.0		0.9 - 1.1
		Day 57	2020-08-27 16:29 (29)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-09 17:17 (-20)	11.5		9.4 - 12.5
		Unscheduled	2020-08-06 16:16 (8)	12.0		9.4 - 12.5
		Day 57	2020-08-27 16:29 (29)	11.5		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-09 17:17 (-20)	3.93		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031103	Urea Nitrogen (mmol/L)	Day 29	2020-07-30 16:44 (32)	4.64		1.78 - 7.14
		Day 57	2020-08-27 16:29 (29)	5.00		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-09 17:17 (-20)	13.8		7.8 - 26.7
		Day 29	2020-07-30 16:44 (32)	13.0		7.8 - 26.7
		Day 57	2020-08-27 16:29 (29)	17.5		7.8 - 26.7
US2031116	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-11 13:36 (-18)	30.6		25.1 - 36.5
		Day 29	2020-07-30 10:48 (32)	28.1		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-11 13:36 (-18)	14		10 - 33
		Day 29	2020-07-30 10:48 (32)	18		10 - 33
		Day 57	2020-08-28 14:45 (30)	12		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-11 13:36 (-18)	75		30 - 115
		Day 29	2020-07-30 10:48 (32)	65		30 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031116	Alkaline Phosphatase (U/L)	Day 57	2020-08-28 14:45 (30)	67		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-11 13:36 (-18)	17		10 - 36
		Day 29	2020-07-30 10:48 (32)	20		10 - 36
		Day 57	2020-08-28 14:45 (30)	12		10 - 36
	Basophils (10^9/L)	Screening	2020-06-11 13:36 (-18)	0.04		0 - 0.3
		Day 29	2020-07-30 10:48 (32)	0.04		0 - 0.3
		Day 57	2020-08-28 14:45 (30)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-11 13:36 (-18)	0.8		0 - 3
		Day 29	2020-07-30 10:48 (32)	0.7		0 - 3
		Day 57	2020-08-28 14:45 (30)	0.7		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-11 13:36 (-18)	4.4		- 18.8
		Day 29	2020-07-30 10:48 (32)	4.8		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031116	Bilirubin (umol/L)	Day 57	2020-08-28 14:45 (30)	3.4		- 18.8
	Creatinine (umol/L)	Screening	2020-06-11 13:36 (-18)	53 (L)		62 - 124
		Day 29	2020-07-30 10:48 (32)	44 (L)		62 - 124
		Day 57	2020-08-28 14:45 (30)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-11 13:36 (-18)	<3.4		0 - 6.8
		Day 29	2020-07-30 10:48 (32)	<3.4		0 - 6.8
		Day 57	2020-08-28 14:45 (30)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-11 13:36 (-18)	0.10		0 - 0.8
		Day 29	2020-07-30 10:48 (32)	0.08		0 - 0.8
		Day 57	2020-08-28 14:45 (30)	0.12		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-11 13:36 (-18)	2.1		0 - 7
		Day 29	2020-07-30 10:48 (32)	1.4		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031116	Eosinophils/Leukocytes (%)	Day 57	2020-08-28 14:45 (30)	2.0		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-11 13:36 (-18)	4.79		3.7 - 5.2
		Day 29	2020-07-30 10:48 (32)	4.90		3.7 - 5.2
		Day 57	2020-08-28 14:45 (30)	4.38		3.7 - 5.2
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-11 13:36 (-18)	93.7 (H)		1.7 - 21.5
	Hematocrit (L/L)	Screening	2020-06-11 13:36 (-18)	0.451		0.33 - 0.47
		Day 29	2020-07-30 10:48 (32)	0.455		0.33 - 0.47
		Day 57	2020-08-28 14:45 (30)	0.418		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-11 13:36 (-18)	134		110 - 155
		Day 29	2020-07-30 10:48 (32)	136		110 - 155
		Day 57	2020-08-28 14:45 (30)	125	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-11 13:36 (-18)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031116	Immature Granulocytes (10^9/L)	Day 29	2020-07-30 10:48 (32)	0.03		0 - 0.07
		Day 57	2020-08-28 14:45 (30)	0.04		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-11 13:36 (-18)	0.4		0 - 1
		Day 29	2020-07-30 10:48 (32)	0.5		0 - 1
		Day 57	2020-08-28 14:45 (30)	0.7		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-11 13:36 (-18)	4.71		3.7 - 11
		Day 29	2020-07-30 10:48 (32)	5.84		3.7 - 11
		Day 57	2020-08-28 14:45 (30)	5.97		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-11 13:36 (-18)	1.50		0.9 - 3.6
		Day 29	2020-07-30 10:48 (32)	1.95		0.9 - 3.6
		Day 57	2020-08-28 14:45 (30)	1.60		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-11 13:36 (-18)	31.8		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031116	Lymphocytes/Leukocytes (%)	Day 29	2020-07-30 10:48 (32)	33.4		12 - 46
		Day 57	2020-08-28 14:45 (30)	26.8		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-11 13:36 (-18)	0.39		0 - 1.2
		Day 29	2020-07-30 10:48 (32)	0.43		0 - 1.2
		Day 57	2020-08-28 14:45 (30)	0.47		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-11 13:36 (-18)	8.3		0 - 11
		Day 29	2020-07-30 10:48 (32)	7.4		0 - 11
		Day 57	2020-08-28 14:45 (30)	7.9		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-11 13:36 (-18)	2.66		1.7 - 7.9
		Day 29	2020-07-30 10:48 (32)	3.31		1.7 - 7.9
		Day 57	2020-08-28 14:45 (30)	3.70		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-11 13:36 (-18)	56.6		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031116	Neutrophils/Leukocytes (%)	Day 29	2020-07-30 10:48 (32)	56.6		34 - 71
		Day 57	2020-08-28 14:45 (30)	61.9		34 - 71
	Platelets (10^9/L)	Screening	2020-06-11 13:36 (-18)	170		163 - 375
		Day 29	2020-07-30 10:48 (32)	173		163 - 375
		Day 57	2020-08-28 14:45 (30)	165		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-11 13:36 (-18)	1.0		0.9 - 1.1
		Day 29	2020-07-30 10:48 (32)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-11 13:36 (-18)	11.5		9.4 - 12.5
		Day 29	2020-07-30 10:48 (32)	11.6		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-11 13:36 (-18)	5.00		1.78 - 7.14
		Day 29	2020-07-30 10:48 (32)	4.28		1.78 - 7.14
		Day 57	2020-08-28 14:45 (30)	6.07		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031116	Urea Nitrogen/Creatinine	Screening	2020-06-11 13:36 (-18)	23.3		7.8 - 26.7
		Day 29	2020-07-30 10:48 (32)	24.0		7.8 - 26.7
		Day 57	2020-08-28 14:45 (30)	21.2		7.8 - 26.7
US2031124	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-17 13:42 (-12)	31.2		25.1 - 36.5
		Day 29	2020-07-29 17:25 (31)	32.3		25.1 - 36.5
		Day 57	2020-08-24 15:54 (27)	32.9		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-17 13:42 (-12)	12		10 - 40
		Day 29	2020-07-29 17:25 (31)	16		10 - 40
		Day 57	2020-08-24 15:54 (27)	12		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-17 13:42 (-12)	58		43 - 115
		Day 29	2020-07-29 17:25 (31)	65		43 - 115
		Day 57	2020-08-24 15:54 (27)	60		43 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031124	Aspartate Aminotransferase (U/L)	Screening	2020-06-17 13:42 (-12)	17		10 - 43
		Day 29	2020-07-29 17:25 (31)	17		10 - 43
		Day 57	2020-08-24 15:54 (27)	16		10 - 43
	Basophils (10^9/L)	Screening	2020-06-17 13:42 (-12)	0.03		0 - 0.3
		Day 29	2020-07-29 17:25 (31)	0.04		0 - 0.3
		Day 57	2020-08-24 15:54 (27)	0.05		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-17 13:42 (-12)	0.4		0 - 3
		Day 29	2020-07-29 17:25 (31)	0.6		0 - 3
		Day 57	2020-08-24 15:54 (27)	0.7		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-17 13:42 (-12)	6.0		- 18.8
		Day 29	2020-07-29 17:25 (31)	3.1		- 18.8
		Day 57	2020-08-24 15:54 (27)	4.6		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031124	Creatinine (umol/L)	Screening	2020-06-17 13:42 (-12)	80		62 - 124
		Day 29	2020-07-29 17:25 (31)	80		62 - 124
		Day 57	2020-08-24 15:54 (27)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-17 13:42 (-12)	<3.4		0 - 6.8
		Day 29	2020-07-29 17:25 (31)	<3.4		0 - 6.8
		Day 57	2020-08-24 15:54 (27)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-17 13:42 (-12)	0.14		0 - 0.8
		Day 29	2020-07-29 17:25 (31)	0.14		0 - 0.8
		Day 57	2020-08-24 15:54 (27)	0.18		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-17 13:42 (-12)	1.8		0 - 7
		Day 29	2020-07-29 17:25 (31)	2.0		0 - 7
		Day 57	2020-08-24 15:54 (27)	2.5		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031124	Erythrocytes (10^12/L)	Screening	2020-06-17 13:42 (-12)	4.57 (L)		4.63 - 6.08
		Day 29	2020-07-29 17:25 (31)	4.63		4.63 - 6.08
		Day 57	2020-08-24 15:54 (27)	4.34 (L)		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-17 13:42 (-12)	0.484		0.37 - 0.51
		Day 29	2020-07-29 17:25 (31)	0.475		0.37 - 0.51
		Day 57	2020-08-24 15:54 (27)	0.450		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-17 13:42 (-12)	150		125 - 170
		Day 29	2020-07-29 17:25 (31)	150		125 - 170
		Day 57	2020-08-24 15:54 (27)	142	G1 Hemoglobin Decreased	125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-17 13:42 (-12)	<0.03		0 - 0.07
		Day 29	2020-07-29 17:25 (31)	<0.03		0 - 0.07
		Day 57	2020-08-24 15:54 (27)	0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031124	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-17 13:42 (-12)	0.1		0 - 1
		Day 29	2020-07-29 17:25 (31)	0.1		0 - 1
		Day 57	2020-08-24 15:54 (27)	0.4		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-17 13:42 (-12)	7.61		3.7 - 11
		Day 29	2020-07-29 17:25 (31)	7.12		3.7 - 11
		Day 57	2020-08-24 15:54 (27)	7.11		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-17 13:42 (-12)	2.11		0.9 - 3.6
		Day 29	2020-07-29 17:25 (31)	2.82		0.9 - 3.6
		Day 57	2020-08-24 15:54 (27)	2.43		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-17 13:42 (-12)	27.7		12 - 46
		Day 29	2020-07-29 17:25 (31)	39.6		12 - 46
		Day 57	2020-08-24 15:54 (27)	34.2		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031124	Monocytes (10^9/L)	Screening	2020-06-17 13:42 (-12)	0.59		0 - 1.2
		Day 29	2020-07-29 17:25 (31)	0.65		0 - 1.2
		Day 57	2020-08-24 15:54 (27)	0.61		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-17 13:42 (-12)	7.8		0 - 11
		Day 29	2020-07-29 17:25 (31)	9.1		0 - 11
		Day 57	2020-08-24 15:54 (27)	8.6		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-17 13:42 (-12)	4.73		1.7 - 7.9
		Day 29	2020-07-29 17:25 (31)	3.46		1.7 - 7.9
		Day 57	2020-08-24 15:54 (27)	3.81		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-17 13:42 (-12)	62.2		34 - 71
		Day 29	2020-07-29 17:25 (31)	48.6		34 - 71
		Day 57	2020-08-24 15:54 (27)	53.6		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031124	Platelets (10^9/L)	Screening	2020-06-17 13:42 (-12)	236		163 - 375
		Day 29	2020-07-29 17:25 (31)	248		163 - 375
		Day 57	2020-08-24 15:54 (27)	222		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-17 13:42 (-12)	0.9		0.9 - 1.1
		Day 29	2020-07-29 17:25 (31)	0.9		0.9 - 1.1
		Day 57	2020-08-24 15:54 (27)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-17 13:42 (-12)	10.4		9.4 - 12.5
		Day 29	2020-07-29 17:25 (31)	11.2		9.4 - 12.5
		Day 57	2020-08-24 15:54 (27)	11.5		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-17 13:42 (-12)	6.78		1.78 - 7.14
		Day 29	2020-07-29 17:25 (31)	5.71		1.78 - 7.14
		Day 57	2020-08-24 15:54 (27)	4.64		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031124	Urea Nitrogen/Creatinine	Screening	2020-06-17 13:42 (-12)	21.1		7.8 - 26.7
		Day 29	2020-07-29 17:25 (31)	17.8		7.8 - 26.7
		Day 57	2020-08-24 15:54 (27)	16.2		7.8 - 26.7
US2031129	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-25 12:26 (-6)	31.0		25.1 - 36.5
		Unscheduled	2020-08-07 08:58 (9)	31.1		25.1 - 36.5
		Day 57	2020-08-28 09:36 (30)	21.4 (L)		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-25 12:26 (-6)	23		10 - 40
		Day 29	2020-07-30 14:45 (30)	25		10 - 40
		Day 57	2020-08-28 09:36 (30)	22		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-25 12:26 (-6)	64		43 - 115
		Day 29	2020-07-30 14:45 (30)	61		43 - 115
		Day 57	2020-08-28 09:36 (30)	66		43 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031129	Aspartate Aminotransferase (U/L)	Screening	2020-06-25 12:26 (-6)	24		10 - 43
		Day 29	2020-07-30 14:45 (30)	22		10 - 43
		Day 57	2020-08-28 09:36 (30)	14		10 - 43
	Basophils (10^9/L)	Screening	2020-06-25 12:26 (-6)	0.03		0 - 0.3
		Day 29	2020-07-30 14:45 (30)	0.04		0 - 0.3
		Day 57	2020-08-28 09:36 (30)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-25 12:26 (-6)	0.5		0 - 3
		Day 29	2020-07-30 14:45 (30)	0.6		0 - 3
		Day 57	2020-08-28 09:36 (30)	0.7		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-25 12:26 (-6)	9.1		- 18.8
		Day 29	2020-07-30 14:45 (30)	4.8		- 18.8
		Day 57	2020-08-28 09:36 (30)	7.2		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031129	Creatinine (umol/L)	Screening	2020-06-25 12:26 (-6)	106		62 - 124
		Day 29	2020-07-30 14:45 (30)	97		62 - 124
		Day 57	2020-08-28 09:36 (30)	97		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-25 12:26 (-6)	<3.4		0 - 6.8
		Day 29	2020-07-30 14:45 (30)	<3.4		0 - 6.8
		Day 57	2020-08-28 09:36 (30)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-25 12:26 (-6)	0.07		0 - 0.8
		Day 29	2020-07-30 14:45 (30)	0.11		0 - 0.8
		Day 57	2020-08-28 09:36 (30)	0.13		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-25 12:26 (-6)	1.1		0 - 7
		Day 29	2020-07-30 14:45 (30)	1.6		0 - 7
		Day 57	2020-08-28 09:36 (30)	2.1		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031129	Erythrocytes (10^12/L)	Screening	2020-06-25 12:26 (-6)	5.17		4.63 - 6.08
		Day 29	2020-07-30 14:45 (30)	5.34		4.63 - 6.08
		Day 57	2020-08-28 09:36 (30)	5.07		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-25 12:26 (-6)	0.535 (H)		0.37 - 0.51
		Day 29	2020-07-30 14:45 (30)	0.536 (H)		0.37 - 0.51
		Day 57	2020-08-28 09:36 (30)	0.511 (H)		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-25 12:26 (-6)	167		125 - 170
		Day 29	2020-07-30 14:45 (30)	173 (H)		125 - 170
		Day 57	2020-08-28 09:36 (30)	165	G1 Hemoglobin Decreased	125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-25 12:26 (-6)	<0.03		0 - 0.07
		Day 29	2020-07-30 14:45 (30)	0.04		0 - 0.07
		Day 57	2020-08-28 09:36 (30)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031129	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-25 12:26 (-6)	0.3		0 - 1
		Day 29	2020-07-30 14:45 (30)	0.6		0 - 1
		Day 57	2020-08-28 09:36 (30)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-25 12:26 (-6)	6.65		3.7 - 11
		Day 29	2020-07-30 14:45 (30)	6.74		3.7 - 11
		Day 57	2020-08-28 09:36 (30)	6.13		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-25 12:26 (-6)	1.60		0.9 - 3.6
		Day 29	2020-07-30 14:45 (30)	2.15		0.9 - 3.6
		Day 57	2020-08-28 09:36 (30)	1.75		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-25 12:26 (-6)	24.1		12 - 46
		Day 29	2020-07-30 14:45 (30)	31.9		12 - 46
		Day 57	2020-08-28 09:36 (30)	28.5		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031129	Monocytes (10^9/L)	Screening	2020-06-25 12:26 (-6)	0.63		0 - 1.2
		Day 29	2020-07-30 14:45 (30)	0.93		0 - 1.2
		Day 57	2020-08-28 09:36 (30)	0.67		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-25 12:26 (-6)	9.5		0 - 11
		Day 29	2020-07-30 14:45 (30)	13.8 (H)		0 - 11
		Day 57	2020-08-28 09:36 (30)	10.9		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-25 12:26 (-6)	4.30		1.7 - 7.9
		Day 29	2020-07-30 14:45 (30)	3.47		1.7 - 7.9
		Day 57	2020-08-28 09:36 (30)	3.52		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-25 12:26 (-6)	64.5		34 - 71
		Day 29	2020-07-30 14:45 (30)	51.5		34 - 71
		Day 57	2020-08-28 09:36 (30)	57.5		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031129	Platelets (10^9/L)	Screening	2020-06-25 12:26 (-6)	168		163 - 375
		Day 29	2020-07-30 14:45 (30)	181		163 - 375
		Day 57	2020-08-28 09:36 (30)	166		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-25 12:26 (-6)	1.0		0.9 - 1.1
		Unscheduled	2020-08-07 08:58 (9)	1.0		0.9 - 1.1
		Day 57	2020-08-28 09:36 (30)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-25 12:26 (-6)	11.2		9.4 - 12.5
		Unscheduled	2020-08-07 08:58 (9)	11.7		9.4 - 12.5
		Day 57	2020-08-28 09:36 (30)	10.8		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-25 12:26 (-6)	6.43		1.78 - 7.14
		Day 29	2020-07-30 14:45 (30)	7.85 (H)		1.78 - 7.14
		Day 57	2020-08-28 09:36 (30)	6.07		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031129	Urea Nitrogen/Creatinine	Screening	2020-06-25 12:26 (-6)	15.0		7.8 - 26.7
		Day 29	2020-07-30 14:45 (30)	20.0		7.8 - 26.7
		Day 57	2020-08-28 09:36 (30)	15.5		7.8 - 26.7
US2031131	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-29 11:50 (-3)	32.8		25.1 - 36.5
		Day 29	2020-07-31 10:46 (30)	30.1		25.1 - 36.5
		Day 57	2020-08-27 11:33 (28)	30.0		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-29 11:50 (-3)	10		10 - 33
		Day 29	2020-07-31 10:46 (30)	14		10 - 33
		Day 57	2020-08-27 11:33 (28)	11		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-29 11:50 (-3)	50		30 - 115
		Day 29	2020-07-31 10:46 (30)	51		30 - 115
		Day 57	2020-08-27 11:33 (28)	51		30 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031131	Aspartate Aminotransferase (U/L)	Screening	2020-06-29 11:50 (-3)	13		10 - 36
		Day 29	2020-07-31 10:46 (30)	14		10 - 36
		Day 57	2020-08-27 11:33 (28)	18		10 - 36
	Basophils (10^9/L)	Screening	2020-06-29 11:50 (-3)	0.07		0 - 0.3
		Day 29	2020-07-31 10:46 (30)	0.08		0 - 0.3
		Day 57	2020-08-27 11:33 (28)	0.07		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-29 11:50 (-3)	1.3		0 - 3
		Day 29	2020-07-31 10:46 (30)	1.3		0 - 3
		Day 57	2020-08-27 11:33 (28)	1.4		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-29 11:50 (-3)	6.8		- 18.8
		Day 29	2020-07-31 10:46 (30)	<2.6		- 18.8
		Day 57	2020-08-27 11:33 (28)	6.0		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031131	Creatinine (umol/L)	Screening	2020-06-29 11:50 (-3)	80		62 - 124
		Day 29	2020-07-31 10:46 (30)	80		62 - 124
		Day 57	2020-08-27 11:33 (28)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-29 11:50 (-3)	<3.4		0 - 6.8
		Day 29	2020-07-31 10:46 (30)	<3.4		0 - 6.8
		Day 57	2020-08-27 11:33 (28)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-29 11:50 (-3)	0.23		0 - 0.8
		Day 29	2020-07-31 10:46 (30)	0.24		0 - 0.8
		Day 57	2020-08-27 11:33 (28)	0.25		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-29 11:50 (-3)	4.3		0 - 7
		Day 29	2020-07-31 10:46 (30)	3.9		0 - 7
		Day 57	2020-08-27 11:33 (28)	5.0		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031131	Erythrocytes (10^12/L)	Screening	2020-06-29 11:50 (-3)	4.16		3.7 - 5.2
		Day 29	2020-07-31 10:46 (30)	4.17		3.7 - 5.2
		Day 57	2020-08-27 11:33 (28)	4.13		3.7 - 5.2
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-29 11:50 (-3)	89.3 (H)		1.7 - 21.5
	Hematocrit (L/L)	Screening	2020-06-29 11:50 (-3)	0.426		0.33 - 0.47
		Day 29	2020-07-31 10:46 (30)	0.427		0.33 - 0.47
		Day 57	2020-08-27 11:33 (28)	0.424		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-29 11:50 (-3)	126		110 - 155
		Day 29	2020-07-31 10:46 (30)	127		110 - 155
		Day 57	2020-08-27 11:33 (28)	124	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-29 11:50 (-3)	<0.03		0 - 0.07
		Day 29	2020-07-31 10:46 (30)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031131	Immature Granulocytes (10^9/L)	Day 57	2020-08-27 11:33 (28)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-29 11:50 (-3)	0.2		0 - 1
		Day 29	2020-07-31 10:46 (30)	0.3		0 - 1
		Day 57	2020-08-27 11:33 (28)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-29 11:50 (-3)	5.40		3.7 - 11
		Day 29	2020-07-31 10:46 (30)	6.17		3.7 - 11
		Day 57	2020-08-27 11:33 (28)	4.98		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-29 11:50 (-3)	1.50		0.9 - 3.6
		Day 29	2020-07-31 10:46 (30)	1.53		0.9 - 3.6
		Day 57	2020-08-27 11:33 (28)	1.39		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-29 11:50 (-3)	27.8		12 - 46
		Day 29	2020-07-31 10:46 (30)	24.8		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031131	Lymphocytes/Leukocytes (%)	Day 57	2020-08-27 11:33 (28)	27.9		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-29 11:50 (-3)	0.55		0 - 1.2
		Day 29	2020-07-31 10:46 (30)	0.51		0 - 1.2
		Day 57	2020-08-27 11:33 (28)	0.45		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-29 11:50 (-3)	10.2		0 - 11
		Day 29	2020-07-31 10:46 (30)	8.3		0 - 11
		Day 57	2020-08-27 11:33 (28)	9.0		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-29 11:50 (-3)	3.04		1.7 - 7.9
		Day 29	2020-07-31 10:46 (30)	3.79		1.7 - 7.9
		Day 57	2020-08-27 11:33 (28)	2.81		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-29 11:50 (-3)	56.2		34 - 71
		Day 29	2020-07-31 10:46 (30)	61.4		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031131	Neutrophils/Leukocytes (%)	Day 57	2020-08-27 11:33 (28)	56.5		34 - 71
	Platelets (10^9/L)	Screening	2020-06-29 11:50 (-3)	286		163 - 375
		Day 29	2020-07-31 10:46 (30)	324		163 - 375
		Day 57	2020-08-27 11:33 (28)	279		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-29 11:50 (-3)	1.0		0.9 - 1.1
		Day 29	2020-07-31 10:46 (30)	1.0		0.9 - 1.1
		Day 57	2020-08-27 11:33 (28)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-29 11:50 (-3)	11.9		9.4 - 12.5
		Day 29	2020-07-31 10:46 (30)	11.6		9.4 - 12.5
		Day 57	2020-08-27 11:33 (28)	11.0		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-29 11:50 (-3)	6.43		1.78 - 7.14
		Day 29	2020-07-31 10:46 (30)	7.85 (H)		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031131	Urea Nitrogen (mmol/L)	Day 57	2020-08-27 11:33 (28)	7.14		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-29 11:50 (-3)	20.0		7.8 - 26.7
		Day 29	2020-07-31 10:46 (30)	24.4		7.8 - 26.7
		Day 57	2020-08-27 11:33 (28)	25.0		7.8 - 26.7
US2041102	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-10 10:16 (-16)	31.3		25.1 - 36.5
		Day 57	2020-08-18 10:33 (26)	40.8 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-10 10:16 (-16)	13		10 - 40
		Day 29	2020-07-24 12:47 (29)	17		10 - 40
		Day 57	2020-08-18 10:33 (26)	17		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-10 10:16 (-16)	64		43 - 115
		Day 29	2020-07-24 12:47 (29)	65		43 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041102	Alkaline Phosphatase (U/L)	Day 57	2020-08-18 10:33 (26)	73		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-10 10:16 (-16)	16		10 - 43
		Day 29	2020-07-24 12:47 (29)	15		10 - 43
		Day 57	2020-08-18 10:33 (26)	22		10 - 43
	Basophils (10^9/L)	Screening	2020-06-10 10:16 (-16)	<0.03		0 - 0.3
		Day 29	2020-07-24 12:47 (29)	0.03		0 - 0.3
		Day 57	2020-08-18 10:33 (26)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-10 10:16 (-16)	0.5		0 - 3
		Day 29	2020-07-24 12:47 (29)	0.7		0 - 3
		Day 57	2020-08-18 10:33 (26)	0.7		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-10 10:16 (-16)	3.8		- 18.8
		Day 29	2020-07-24 12:47 (29)	3.9		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041102	Bilirubin (umol/L)	Day 57	2020-08-18 10:33 (26)	3.4		- 18.8
	Creatinine (umol/L)	Screening	2020-06-10 10:16 (-16)	80		62 - 124
		Day 29	2020-07-24 12:47 (29)	71		62 - 124
		Day 57	2020-08-18 10:33 (26)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-10 10:16 (-16)	<3.4		0 - 6.8
		Day 29	2020-07-24 12:47 (29)	<3.4		0 - 6.8
		Day 57	2020-08-18 10:33 (26)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-10 10:16 (-16)	0.04		0 - 0.8
		Day 29	2020-07-24 12:47 (29)	0.04		0 - 0.8
		Day 57	2020-08-18 10:33 (26)	0.06		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-10 10:16 (-16)	0.9		0 - 7
		Day 29	2020-07-24 12:47 (29)	1.0		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041102	Eosinophils/Leukocytes (%)	Day 57	2020-08-18 10:33 (26)	1.3		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-10 10:16 (-16)	4.79		4.63 - 6.08
		Day 29	2020-07-24 12:47 (29)	4.77		4.63 - 6.08
		Day 57	2020-08-18 10:33 (26)	4.75		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-10 10:16 (-16)	0.443		0.37 - 0.51
		Day 29	2020-07-24 12:47 (29)	0.446		0.37 - 0.51
		Day 57	2020-08-18 10:33 (26)	0.456		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-10 10:16 (-16)	138		125 - 170
		Day 29	2020-07-24 12:47 (29)	138		125 - 170
		Day 57	2020-08-18 10:33 (26)	139		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-10 10:16 (-16)	<0.03		0 - 0.07
		Day 29	2020-07-24 12:47 (29)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041102	Immature Granulocytes (10^9/L)	Day 57	2020-08-18 10:33 (26)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-10 10:16 (-16)	0.2		0 - 1
		Day 29	2020-07-24 12:47 (29)	0.2		0 - 1
		Day 57	2020-08-18 10:33 (26)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-10 10:16 (-16)	4.25		3.7 - 11
		Day 29	2020-07-24 12:47 (29)	4.21		3.7 - 11
		Day 57	2020-08-18 10:33 (26)	4.48		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-10 10:16 (-16)	0.91	G1 Lymphocytes Decreased	0.9 - 3.6
		Day 29	2020-07-24 12:47 (29)	1.09		0.9 - 3.6
		Day 57	2020-08-18 10:33 (26)	0.92	G1 Lymphocytes Decreased	0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-10 10:16 (-16)	21.4		12 - 46
		Day 29	2020-07-24 12:47 (29)	25.9		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041102	Lymphocytes/Leukocytes (%)	Day 57	2020-08-18 10:33 (26)	20.5		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-10 10:16 (-16)	0.44		0 - 1.2
		Day 29	2020-07-24 12:47 (29)	0.35		0 - 1.2
		Day 57	2020-08-18 10:33 (26)	0.34		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-10 10:16 (-16)	10.4		0 - 11
		Day 29	2020-07-24 12:47 (29)	8.3		0 - 11
		Day 57	2020-08-18 10:33 (26)	7.6		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-10 10:16 (-16)	2.83		1.7 - 7.9
		Day 29	2020-07-24 12:47 (29)	2.69		1.7 - 7.9
		Day 57	2020-08-18 10:33 (26)	3.12		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-10 10:16 (-16)	66.6		34 - 71
		Day 29	2020-07-24 12:47 (29)	63.9		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041102	Neutrophils/Leukocytes (%)	Day 57	2020-08-18 10:33 (26)	69.7		34 - 71
	Platelets (10^9/L)	Screening	2020-06-10 10:16 (-16)	201		163 - 375
		Day 29	2020-07-24 12:47 (29)	184		163 - 375
		Day 57	2020-08-18 10:33 (26)	187		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-10 10:16 (-16)	0.9		0.9 - 1.1
		Day 57	2020-08-18 10:33 (26)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-10 10:16 (-16)	10.3		9.4 - 12.5
		Day 57	2020-08-18 10:33 (26)	12.5		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-10 10:16 (-16)	7.85 (H)		1.78 - 7.14
		Day 29	2020-07-24 12:47 (29)	4.28		1.78 - 7.14
		Day 57	2020-08-18 10:33 (26)	3.93		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-10 10:16 (-16)	24.4		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041102	Urea Nitrogen/Creatinine	Day 29	2020-07-24 12:47 (29)	15.0		7.8 - 26.7
		Day 57	2020-08-18 10:33 (26)	13.8		7.8 - 26.7
US2041115	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-11 13:53 (-20)	27.8		25.1 - 36.5
		Day 29	2020-08-04 11:34 (35)	24.9 (L)		25.1 - 36.5
		Day 57	2020-08-31 12:59 (28)	25.5		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-11 13:53 (-20)	25		10 - 33
		Day 29	2020-08-04 11:34 (35)	11		10 - 33
		Day 57	2020-08-31 12:59 (28)	15		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-11 13:53 (-20)	60		30 - 115
		Day 29	2020-08-04 11:34 (35)	46		30 - 115
		Day 57	2020-08-31 12:59 (28)	59		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-11 13:53 (-20)	33		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041115	Aspartate Aminotransferase (U/L)	Day 29	2020-08-04 11:34 (35)	20		10 - 36
		Day 57	2020-08-31 12:59 (28)	22		10 - 36
	Basophils (10^9/L)	Screening	2020-06-11 13:53 (-20)	0.04		0 - 0.3
		Day 29	2020-08-04 11:34 (35)	0.05		0 - 0.3
		Day 57	2020-08-31 12:59 (28)	0.05		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-11 13:53 (-20)	0.5		0 - 3
		Day 29	2020-08-04 11:34 (35)	0.9		0 - 3
		Day 57	2020-08-31 12:59 (28)	0.7		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-11 13:53 (-20)	7.9		- 18.8
		Day 29	2020-08-04 11:34 (35)	6.5		- 18.8
		Day 57	2020-08-31 12:59 (28)	7.4		- 18.8
	Creatinine (umol/L)	Screening	2020-06-11 13:53 (-20)	53 (L)		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041115	Creatinine (umol/L)	Day 29	2020-08-04 11:34 (35)	62		62 - 124
		Day 57	2020-08-31 12:59 (28)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-11 13:53 (-20)	<3.4		0 - 6.8
		Day 29	2020-08-04 11:34 (35)	<3.4		0 - 6.8
		Day 57	2020-08-31 12:59 (28)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-11 13:53 (-20)	0.06		0 - 0.8
		Day 29	2020-08-04 11:34 (35)	0.06		0 - 0.8
		Day 57	2020-08-31 12:59 (28)	0.07		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-11 13:53 (-20)	0.8		0 - 7
		Day 29	2020-08-04 11:34 (35)	1.0		0 - 7
		Day 57	2020-08-31 12:59 (28)	1.0		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-11 13:53 (-20)	4.79		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041115	Erythrocytes (10^12/L)	Day 29	2020-08-04 11:34 (35)	4.33		3.7 - 5.2
		Day 57	2020-08-31 12:59 (28)	4.28		3.7 - 5.2
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-11 13:53 (-20)	48.9 (H)		1.7 - 21.5
	Hematocrit (L/L)	Screening	2020-06-11 13:53 (-20)	0.478 (H)		0.33 - 0.47
		Day 29	2020-08-04 11:34 (35)	0.433		0.33 - 0.47
		Day 57	2020-08-31 12:59 (28)	0.433		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-11 13:53 (-20)	151		110 - 155
		Day 29	2020-08-04 11:34 (35)	139	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-31 12:59 (28)	137	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-11 13:53 (-20)	<0.03		0 - 0.07
		Day 29	2020-08-04 11:34 (35)	<0.03		0 - 0.07
		Day 57	2020-08-31 12:59 (28)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041115	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-11 13:53 (-20)	0.3		0 - 1
		Day 29	2020-08-04 11:34 (35)	0.2		0 - 1
		Day 57	2020-08-31 12:59 (28)	0.1		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-11 13:53 (-20)	7.69		3.7 - 11
		Day 29	2020-08-04 11:34 (35)	5.88		3.7 - 11
		Day 57	2020-08-31 12:59 (28)	7.34		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-11 13:53 (-20)	1.52		0.9 - 3.6
		Day 29	2020-08-04 11:34 (35)	1.31		0.9 - 3.6
		Day 57	2020-08-31 12:59 (28)	1.39		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-11 13:53 (-20)	19.8		12 - 46
		Day 29	2020-08-04 11:34 (35)	22.3		12 - 46
		Day 57	2020-08-31 12:59 (28)	18.9		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041115	Monocytes (10^9/L)	Screening	2020-06-11 13:53 (-20)	0.39		0 - 1.2
		Day 29	2020-08-04 11:34 (35)	0.37		0 - 1.2
		Day 57	2020-08-31 12:59 (28)	0.44		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-11 13:53 (-20)	5.1		0 - 11
		Day 29	2020-08-04 11:34 (35)	6.3		0 - 11
		Day 57	2020-08-31 12:59 (28)	6.0		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-11 13:53 (-20)	5.66		1.7 - 7.9
		Day 29	2020-08-04 11:34 (35)	4.08		1.7 - 7.9
		Day 57	2020-08-31 12:59 (28)	5.38		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-11 13:53 (-20)	73.5 (H)		34 - 71
		Day 29	2020-08-04 11:34 (35)	69.3		34 - 71
		Day 57	2020-08-31 12:59 (28)	73.3 (H)		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041115	Platelets (10^9/L)	Screening	2020-06-11 13:53 (-20)	292		163 - 375
		Day 29	2020-08-04 11:34 (35)	260		163 - 375
		Day 57	2020-08-31 12:59 (28)	283		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-11 13:53 (-20)	1.0		0.9 - 1.1
		Day 29	2020-08-04 11:34 (35)	0.9		0.9 - 1.1
		Day 57	2020-08-31 12:59 (28)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-11 13:53 (-20)	11.2		9.4 - 12.5
		Day 29	2020-08-04 11:34 (35)	10.8		9.4 - 12.5
		Day 57	2020-08-31 12:59 (28)	11.1		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-11 13:53 (-20)	5.00		1.78 - 7.14
		Day 29	2020-08-04 11:34 (35)	5.71		1.78 - 7.14
		Day 57	2020-08-31 12:59 (28)	5.71		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041115	Urea Nitrogen/Creatinine	Screening	2020-06-11 13:53 (-20)	23.3		7.8 - 26.7
		Day 29	2020-08-04 11:34 (35)	22.9		7.8 - 26.7
		Day 57	2020-08-31 12:59 (28)	26.7		7.8 - 26.7
US2041121	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-12 08:52 (-19)	31.9		25.1 - 36.5
		Day 29	2020-07-31 18:12 (1)	28.0		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-12 08:52 (-19)	15		10 - 33
		Day 29	2020-07-31 18:12 (1)	13		10 - 33
		Day 57	2020-08-25 16:12 (26)	13		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-12 08:52 (-19)	108		30 - 115
		Day 29	2020-07-31 18:12 (1)	104		30 - 115
		Day 57	2020-08-25 16:12 (26)	90		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-12 08:52 (-19)	19		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041121	Aspartate Aminotransferase (U/L)	Day 29	2020-07-31 18:12 (1)	14		10 - 36
		Day 57	2020-08-25 16:12 (26)	15		10 - 36
	Basophils (10^9/L)	Screening	2020-06-12 08:52 (-19)	0.03		0 - 0.3
		Day 29	2020-07-31 18:12 (1)	0.04		0 - 0.3
		Day 57	2020-08-25 16:12 (26)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-12 08:52 (-19)	0.6		0 - 3
		Day 29	2020-07-31 18:12 (1)	0.8		0 - 3
		Day 57	2020-08-25 16:12 (26)	0.5		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-12 08:52 (-19)	13.3		- 18.8
		Day 29	2020-07-31 18:12 (1)	7.4		- 18.8
		Day 57	2020-08-25 16:12 (26)	3.1		- 18.8
	Creatinine (umol/L)	Screening	2020-06-12 08:52 (-19)	53 (L)		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041121	Creatinine (umol/L)	Day 29	2020-07-31 18:12 (1)	53 (L)		62 - 124
		Day 57	2020-08-25 16:12 (26)	44 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-12 08:52 (-19)	<3.4		0 - 6.8
		Day 29	2020-07-31 18:12 (1)	<3.4		0 - 6.8
		Day 57	2020-08-25 16:12 (26)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-12 08:52 (-19)	0.12		0 - 0.8
		Day 29	2020-07-31 18:12 (1)	0.11		0 - 0.8
		Day 57	2020-08-25 16:12 (26)	0.12		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-12 08:52 (-19)	2.3		0 - 7
		Day 29	2020-07-31 18:12 (1)	2.1		0 - 7
		Day 57	2020-08-25 16:12 (26)	2.0		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-12 08:52 (-19)	4.90		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041121	Erythrocytes (10^12/L)	Day 29	2020-07-31 18:12 (1)	4.73		3.7 - 5.2
		Day 57	2020-08-25 16:12 (26)	4.44		3.7 - 5.2
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-12 08:52 (-19)	95.5 (H)		1.7 - 21.5
	Hematocrit (L/L)	Screening	2020-06-12 08:52 (-19)	0.476 (H)		0.33 - 0.47
		Day 29	2020-07-31 18:12 (1)	0.455		0.33 - 0.47
		Day 57	2020-08-25 16:12 (26)	0.430		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-12 08:52 (-19)	144		110 - 155
		Day 29	2020-07-31 18:12 (1)	140	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-25 16:12 (26)	130	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-12 08:52 (-19)	<0.03		0 - 0.07
		Day 29	2020-07-31 18:12 (1)	<0.03		0 - 0.07
		Day 57	2020-08-25 16:12 (26)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041121	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-12 08:52 (-19)	0.2		0 - 1
		Day 29	2020-07-31 18:12 (1)	0.2		0 - 1
		Day 57	2020-08-25 16:12 (26)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-12 08:52 (-19)	5.31		3.7 - 11
		Day 29	2020-07-31 18:12 (1)	5.23		3.7 - 11
		Day 57	2020-08-25 16:12 (26)	5.93		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-12 08:52 (-19)	1.47		0.9 - 3.6
		Day 29	2020-07-31 18:12 (1)	1.60		0.9 - 3.6
		Day 57	2020-08-25 16:12 (26)	2.13		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-12 08:52 (-19)	27.7		12 - 46
		Day 29	2020-07-31 18:12 (1)	30.6		12 - 46
		Day 57	2020-08-25 16:12 (26)	35.9		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041121	Monocytes (10^9/L)	Screening	2020-06-12 08:52 (-19)	0.40		0 - 1.2
		Day 29	2020-07-31 18:12 (1)	0.47		0 - 1.2
		Day 57	2020-08-25 16:12 (26)	0.48		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-12 08:52 (-19)	7.5		0 - 11
		Day 29	2020-07-31 18:12 (1)	9.0		0 - 11
		Day 57	2020-08-25 16:12 (26)	8.1		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-12 08:52 (-19)	3.28		1.7 - 7.9
		Day 29	2020-07-31 18:12 (1)	3.00		1.7 - 7.9
		Day 57	2020-08-25 16:12 (26)	3.16		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-12 08:52 (-19)	61.7		34 - 71
		Day 29	2020-07-31 18:12 (1)	57.3		34 - 71
		Day 57	2020-08-25 16:12 (26)	53.3		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041121	Platelets (10^9/L)	Screening	2020-06-12 08:52 (-19)	228		163 - 375
		Day 29	2020-07-31 18:12 (1)	215		163 - 375
		Day 57	2020-08-25 16:12 (26)	231		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-12 08:52 (-19)	1.0		0.9 - 1.1
		Day 29	2020-07-31 18:12 (1)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-12 08:52 (-19)	11.6		9.4 - 12.5
		Day 29	2020-07-31 18:12 (1)	11.3		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-12 08:52 (-19)	5.71		1.78 - 7.14
		Day 29	2020-07-31 18:12 (1)	6.07		1.78 - 7.14
		Day 57	2020-08-25 16:12 (26)	5.35		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-12 08:52 (-19)	26.7		7.8 - 26.7
		Day 29	2020-07-31 18:12 (1)	28.3 (H)		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041121	Urea Nitrogen/Creatinine	Day 57	2020-08-25 16:12 (26)	30.0 (H)		7.8 - 26.7
US2041132	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-15 10:40 (-11)	33.9		25.1 - 36.5
		Day 29	2020-07-27 11:15 (32)	30.4		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-15 10:40 (-11)	14		10 - 33
		Day 29	2020-07-27 11:15 (32)	14		10 - 33
		Day 57	2020-08-25 17:16 (30)	15		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-15 10:40 (-11)	58		30 - 115
		Day 29	2020-07-27 11:15 (32)	55		30 - 115
		Day 57	2020-08-25 17:16 (30)	56		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-15 10:40 (-11)	20		10 - 36
		Day 29	2020-07-27 11:15 (32)	18		10 - 36
		Day 57	2020-08-25 17:16 (30)	23		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041132	Basophils (10^9/L)	Screening	2020-06-15 10:40 (-11)	0.04		0 - 0.3
		Day 29	2020-07-27 11:15 (32)	0.03		0 - 0.3
		Day 57	2020-08-25 17:16 (30)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-15 10:40 (-11)	0.8		0 - 3
		Day 29	2020-07-27 11:15 (32)	0.6		0 - 3
		Day 57	2020-08-25 17:16 (30)	0.5		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-15 10:40 (-11)	4.4		- 18.8
		Day 29	2020-07-27 11:15 (32)	4.4		- 18.8
		Day 57	2020-08-25 17:16 (30)	3.8		- 18.8
	Creatinine (umol/L)	Screening	2020-06-15 10:40 (-11)	53 (L)		62 - 124
		Day 29	2020-07-27 11:15 (32)	53 (L)		62 - 124
		Day 57	2020-08-25 17:16 (30)	53 (L)		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041132	Direct Bilirubin (umol/L)	Screening	2020-06-15 10:40 (-11)	<3.4		0 - 6.8
		Day 29	2020-07-27 11:15 (32)	<3.4		0 - 6.8
		Day 57	2020-08-25 17:16 (30)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-15 10:40 (-11)	0.10		0 - 0.8
		Day 29	2020-07-27 11:15 (32)	0.07		0 - 0.8
		Day 57	2020-08-25 17:16 (30)	0.08		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-15 10:40 (-11)	2.1		0 - 7
		Day 29	2020-07-27 11:15 (32)	1.4		0 - 7
		Day 57	2020-08-25 17:16 (30)	1.3		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-15 10:40 (-11)	4.26		3.7 - 5.2
		Day 29	2020-07-27 11:15 (32)	4.10		3.7 - 5.2
		Day 57	2020-08-25 17:16 (30)	4.13		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041132	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-15 10:40 (-11)	49.8 (H)		1.7 - 21.5
	Hematocrit (L/L)	Screening	2020-06-15 10:40 (-11)	0.441		0.33 - 0.47
		Day 29	2020-07-27 11:15 (32)	0.417		0.33 - 0.47
		Day 57	2020-08-25 17:16 (30)	0.435		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-15 10:40 (-11)	134		110 - 155
		Day 29	2020-07-27 11:15 (32)	130	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-25 17:16 (30)	131	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-15 10:40 (-11)	<0.03		0 - 0.07
		Day 29	2020-07-27 11:15 (32)	<0.03		0 - 0.07
		Day 57	2020-08-25 17:16 (30)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-15 10:40 (-11)	0.2		0 - 1
		Day 29	2020-07-27 11:15 (32)	0.2		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041132	Immature Granulocytes/Leukocytes (%)	Day 57	2020-08-25 17:16 (30)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-15 10:40 (-11)	4.72		3.7 - 11
		Day 29	2020-07-27 11:15 (32)	4.92		3.7 - 11
		Day 57	2020-08-25 17:16 (30)	6.27		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-15 10:40 (-11)	1.38		0.9 - 3.6
		Day 29	2020-07-27 11:15 (32)	1.60		0.9 - 3.6
		Day 57	2020-08-25 17:16 (30)	2.08		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-15 10:40 (-11)	29.2		12 - 46
		Day 29	2020-07-27 11:15 (32)	32.5		12 - 46
		Day 57	2020-08-25 17:16 (30)	33.2		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-15 10:40 (-11)	0.32		0 - 1.2
		Day 29	2020-07-27 11:15 (32)	0.26		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041132	Monocytes (10^9/L)	Day 57	2020-08-25 17:16 (30)	0.45		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-15 10:40 (-11)	6.8		0 - 11
		Day 29	2020-07-27 11:15 (32)	5.3		0 - 11
		Day 57	2020-08-25 17:16 (30)	7.2		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-15 10:40 (-11)	2.87		1.7 - 7.9
		Day 29	2020-07-27 11:15 (32)	2.95		1.7 - 7.9
		Day 57	2020-08-25 17:16 (30)	3.61		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-15 10:40 (-11)	60.9		34 - 71
		Day 29	2020-07-27 11:15 (32)	60.0		34 - 71
		Day 57	2020-08-25 17:16 (30)	57.5		34 - 71
	Platelets (10^9/L)	Screening	2020-06-15 10:40 (-11)	184		163 - 375
		Day 29	2020-07-27 11:15 (32)	192		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041132	Platelets (10^9/L)	Day 57	2020-08-25 17:16 (30)	203		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-15 10:40 (-11)	0.9		0.9 - 1.1
		Day 29	2020-07-27 11:15 (32)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-15 10:40 (-11)	10.8		9.4 - 12.5
		Day 29	2020-07-27 11:15 (32)	10.9		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-15 10:40 (-11)	3.93		1.78 - 7.14
		Day 29	2020-07-27 11:15 (32)	3.93		1.78 - 7.14
		Day 57	2020-08-25 17:16 (30)	4.28		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-15 10:40 (-11)	18.3		7.8 - 26.7
		Day 29	2020-07-27 11:15 (32)	18.3		7.8 - 26.7
		Day 57	2020-08-25 17:16 (30)	20.0		7.8 - 26.7
US2041142	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-16 12:03 (-16)	30.8		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041142	Activated Partial Thromboplastin Time (sec)	Day 29	2020-07-31 11:20 (30)	28.0		25.1 - 36.5
		Day 57	2020-08-28 10:13 (29)	34.1		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-16 12:03 (-16)	28		10 - 40
		Unscheduled	2020-06-22 08:29 (-10)	30		10 - 40
		Day 29	2020-07-31 11:20 (30)	32		10 - 40
		Day 57	2020-08-28 10:13 (29)	26		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-16 12:03 (-16)	64		43 - 115
		Unscheduled	2020-06-22 08:29 (-10)	61		43 - 115
		Day 29	2020-07-31 11:20 (30)	67		43 - 115
		Day 57	2020-08-28 10:13 (29)	65		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-16 12:03 (-16)	26		10 - 43
		Unscheduled	2020-06-22 08:29 (-10)	21		10 - 43

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041142	Aspartate Aminotransferase (U/L)	Day 29	2020-07-31 11:20 (30)	23		10 - 43
		Day 57	2020-08-28 10:13 (29)	19		10 - 43
	Basophils (10^9/L)	Screening	2020-06-16 12:03 (-16)	0.04		0 - 0.3
		Day 29	2020-07-31 11:20 (30)	0.03		0 - 0.3
		Day 57	2020-08-28 10:13 (29)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-16 12:03 (-16)	0.8		0 - 3
		Day 29	2020-07-31 11:20 (30)	0.7		0 - 3
		Day 57	2020-08-28 10:13 (29)	0.4		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-16 12:03 (-16)	3.9		- 18.8
		Unscheduled	2020-06-22 08:29 (-10)	5.8		- 18.8
		Day 29	2020-07-31 11:20 (30)	5.8		- 18.8
		Day 57	2020-08-28 10:13 (29)	5.0		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041142	Creatinine (umol/L)	Screening	2020-06-16 12:03 (-16)	71		62 - 124
		Unscheduled	2020-06-22 08:29 (-10)	71		62 - 124
		Day 29	2020-07-31 11:20 (30)	71		62 - 124
		Day 57	2020-08-28 10:13 (29)	80		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-16 12:03 (-16)	<3.4		0 - 6.8
		Unscheduled	2020-06-22 08:29 (-10)	<3.4		0 - 6.8
		Day 29	2020-07-31 11:20 (30)	<3.4		0 - 6.8
		Day 57	2020-08-28 10:13 (29)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-16 12:03 (-16)	0.07		0 - 0.8
		Day 29	2020-07-31 11:20 (30)	0.12		0 - 0.8
		Day 57	2020-08-28 10:13 (29)	0.10		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-16 12:03 (-16)	1.4		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041142	Eosinophils/Leukocytes (%)	Day 29	2020-07-31 11:20 (30)	2.6		0 - 7
		Day 57	2020-08-28 10:13 (29)	2.1		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-16 12:03 (-16)	5.25		4.63 - 6.08
		Day 29	2020-07-31 11:20 (30)	5.27		4.63 - 6.08
		Day 57	2020-08-28 10:13 (29)	5.22		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-16 12:03 (-16)	0.516 (H)		0.37 - 0.51
		Day 29	2020-07-31 11:20 (30)	0.511 (H)		0.37 - 0.51
		Day 57	2020-08-28 10:13 (29)	0.509		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-16 12:03 (-16)	159		125 - 170
		Day 29	2020-07-31 11:20 (30)	160		125 - 170
		Day 57	2020-08-28 10:13 (29)	160		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-16 12:03 (-16)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041142	Immature Granulocytes (10^9/L)	Day 29	2020-07-31 11:20 (30)	<0.03		0 - 0.07
		Day 57	2020-08-28 10:13 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-16 12:03 (-16)	0.4		0 - 1
		Day 29	2020-07-31 11:20 (30)	0.4		0 - 1
		Day 57	2020-08-28 10:13 (29)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-16 12:03 (-16)	5.13		3.7 - 11
		Day 29	2020-07-31 11:20 (30)	4.61		3.7 - 11
		Day 57	2020-08-28 10:13 (29)	4.75		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-16 12:03 (-16)	1.19		0.9 - 3.6
		Day 29	2020-07-31 11:20 (30)	1.52		0.9 - 3.6
		Day 57	2020-08-28 10:13 (29)	1.47		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-16 12:03 (-16)	23.2		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041142	Lymphocytes/Leukocytes (%)	Day 29	2020-07-31 11:20 (30)	33.0		12 - 46
		Day 57	2020-08-28 10:13 (29)	30.9		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-16 12:03 (-16)	0.50		0 - 1.2
		Day 29	2020-07-31 11:20 (30)	0.47		0 - 1.2
		Day 57	2020-08-28 10:13 (29)	0.49		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-16 12:03 (-16)	9.7		0 - 11
		Day 29	2020-07-31 11:20 (30)	10.2		0 - 11
		Day 57	2020-08-28 10:13 (29)	10.3		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-16 12:03 (-16)	3.31		1.7 - 7.9
		Day 29	2020-07-31 11:20 (30)	2.45		1.7 - 7.9
		Day 57	2020-08-28 10:13 (29)	2.66		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-16 12:03 (-16)	64.5		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041142	Neutrophils/Leukocytes (%)	Day 29	2020-07-31 11:20 (30)	53.1		34 - 71
		Day 57	2020-08-28 10:13 (29)	56.1		34 - 71
	Platelets (10^9/L)	Screening	2020-06-16 12:03 (-16)	177		163 - 375
		Day 29	2020-07-31 11:20 (30)	187		163 - 375
		Day 57	2020-08-28 10:13 (29)	182		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-16 12:03 (-16)	1.0		0.9 - 1.1
		Day 29	2020-07-31 11:20 (30)	1.0		0.9 - 1.1
		Day 57	2020-08-28 10:13 (29)	1.1		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-16 12:03 (-16)	11.8		9.4 - 12.5
		Day 29	2020-07-31 11:20 (30)	12.0		9.4 - 12.5
		Day 57	2020-08-28 10:13 (29)	13.7 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-16 12:03 (-16)	8.21 (H)	G1 Blood Urea Nitrogen Increased	1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041142	Urea Nitrogen (mmol/L)	Unscheduled	2020-06-22 08:29 (-10)	7.50 (H)		1.78 - 7.14
		Day 29	2020-07-31 11:20 (30)	6.07		1.78 - 7.14
		Day 57	2020-08-28 10:13 (29)	8.57 (H)	G1 Blood Urea Nitrogen Increased	1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-16 12:03 (-16)	28.8 (H)		7.8 - 26.7
		Unscheduled	2020-06-22 08:29 (-10)	26.2		7.8 - 26.7
		Day 29	2020-07-31 11:20 (30)	21.2		7.8 - 26.7
		Day 57	2020-08-28 10:13 (29)	26.7		7.8 - 26.7
US2041146	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-17 12:05 (-15)	26.4		25.1 - 36.5
		Day 29	2020-07-31 08:18 (30)	26.8		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-17 12:05 (-15)	15		10 - 33
		Day 29	2020-07-31 08:18 (30)	13		10 - 33

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041146	Alanine Aminotransferase (U/L)	Day 57	2020-08-26 08:22 (27)	16		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-17 12:05 (-15)	69		30 - 115
		Day 29	2020-07-31 08:18 (30)	72		30 - 115
		Day 57	2020-08-26 08:22 (27)	67		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-17 12:05 (-15)	27		10 - 36
		Day 29	2020-07-31 08:18 (30)	23		10 - 36
		Day 57	2020-08-26 08:22 (27)	27		10 - 36
	Basophils (10^9/L)	Screening	2020-06-17 12:05 (-15)	0.05		0 - 0.3
		Day 29	2020-07-31 08:18 (30)	0.06		0 - 0.3
		Day 57	2020-08-26 08:22 (27)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-17 12:05 (-15)	1.0		0 - 3
		Day 29	2020-07-31 08:18 (30)	2.1		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041146	Basophils/Leukocytes (%)	Day 57	2020-08-26 08:22 (27)	1.4		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-17 12:05 (-15)	11.1		- 18.8
		Day 29	2020-07-31 08:18 (30)	7.0		- 18.8
		Day 57	2020-08-26 08:22 (27)	10.3		- 18.8
	Creatinine (umol/L)	Screening	2020-06-17 12:05 (-15)	53 (L)		62 - 124
		Day 29	2020-07-31 08:18 (30)	62		62 - 124
		Day 57	2020-08-26 08:22 (27)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-17 12:05 (-15)	<3.4		0 - 6.8
		Day 29	2020-07-31 08:18 (30)	<3.4		0 - 6.8
		Day 57	2020-08-26 08:22 (27)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-17 12:05 (-15)	0.06		0 - 0.8
		Day 29	2020-07-31 08:18 (30)	0.10		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041146	Eosinophils (10^9/L)	Day 57	2020-08-26 08:22 (27)	0.09		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-17 12:05 (-15)	1.2		0 - 7
		Day 29	2020-07-31 08:18 (30)	3.5		0 - 7
		Day 57	2020-08-26 08:22 (27)	3.2		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-17 12:05 (-15)	3.30 (L)		3.7 - 5.2
		Day 29	2020-07-31 08:18 (30)	3.44 (L)		3.7 - 5.2
		Day 57	2020-08-26 08:22 (27)	3.28 (L)		3.7 - 5.2
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-17 12:05 (-15)	43.7 (H)		1.7 - 21.5
	Hematocrit (L/L)	Screening	2020-06-17 12:05 (-15)	0.398		0.33 - 0.47
		Day 29	2020-07-31 08:18 (30)	0.410		0.33 - 0.47
		Day 57	2020-08-26 08:22 (27)	0.383		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-17 12:05 (-15)	122		110 - 155

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041146	Hemoglobin (g/L)	Day 29	2020-07-31 08:18 (30)	125		110 - 155
		Day 57	2020-08-26 08:22 (27)	120	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-17 12:05 (-15)	<0.03		0 - 0.07
		Day 29	2020-07-31 08:18 (30)	<0.03		0 - 0.07
		Day 57	2020-08-26 08:22 (27)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-17 12:05 (-15)	0.2		0 - 1
		Day 29	2020-07-31 08:18 (30)	0.3		0 - 1
		Day 57	2020-08-26 08:22 (27)	0.0		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-17 12:05 (-15)	4.86		3.7 - 11
		Day 29	2020-07-31 08:18 (30)	2.88 (L)	G1 WBC Decreased	3.7 - 11
		Day 57	2020-08-26 08:22 (27)	2.81 (L)	G1 WBC Decreased	3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-17 12:05 (-15)	1.09		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041146	Lymphocytes (10^9/L)	Day 29	2020-07-31 08:18 (30)	1.08		0.9 - 3.6
		Day 57	2020-08-26 08:22 (27)	0.95	G1 Lymphocytes Decreased	0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-17 12:05 (-15)	22.4		12 - 46
		Day 29	2020-07-31 08:18 (30)	37.5		12 - 46
		Day 57	2020-08-26 08:22 (27)	33.8		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-17 12:05 (-15)	0.36		0 - 1.2
		Day 29	2020-07-31 08:18 (30)	0.27		0 - 1.2
		Day 57	2020-08-26 08:22 (27)	0.21		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-17 12:05 (-15)	7.4		0 - 11
		Day 29	2020-07-31 08:18 (30)	9.4		0 - 11
		Day 57	2020-08-26 08:22 (27)	7.5		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-17 12:05 (-15)	3.29		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041146	Neutrophils (10^9/L)	Day 29	2020-07-31 08:18 (30)	1.36 (L)	G2 Neutrophils Decreased	1.7 - 7.9
		Day 57	2020-08-26 08:22 (27)	1.52 (L)	G1 Neutrophils Decreased	1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-17 12:05 (-15)	67.8		34 - 71
		Day 29	2020-07-31 08:18 (30)	47.2		34 - 71
		Day 57	2020-08-26 08:22 (27)	54.1		34 - 71
	Platelets (10^9/L)	Screening	2020-06-17 12:05 (-15)	245		163 - 375
		Day 29	2020-07-31 08:18 (30)	272		163 - 375
		Day 57	2020-08-26 08:22 (27)	261		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-17 12:05 (-15)	0.9		0.9 - 1.1
		Day 29	2020-07-31 08:18 (30)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-17 12:05 (-15)	9.9		9.4 - 12.5
		Day 29	2020-07-31 08:18 (30)	11.4		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041146	Urea Nitrogen (mmol/L)	Screening	2020-06-17 12:05 (-15)	5.35		1.78 - 7.14
		Day 29	2020-07-31 08:18 (30)	3.93		1.78 - 7.14
		Day 57	2020-08-26 08:22 (27)	3.93		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-17 12:05 (-15)	25.0		7.8 - 26.7
		Day 29	2020-07-31 08:18 (30)	15.7		7.8 - 26.7
		Day 57	2020-08-26 08:22 (27)	18.3		7.8 - 26.7
US2041151	Activated Partial Thromboplastin Time (sec)	Unscheduled	2020-07-02 12:40 (-4)	33.9		25.1 - 36.5
		Day 29	2020-08-04 10:47 (30)	31.0		25.1 - 36.5
		Day 57	2020-09-01 15:05 (29)	32.0		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-19 14:14 (-17)	18		10 - 40
		Day 29	2020-08-04 10:47 (30)	18		10 - 40
		Day 57	2020-09-01 15:05 (29)	23		10 - 40

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041151	Alkaline Phosphatase (U/L)	Screening	2020-06-19 14:14 (-17)	97		43 - 115
		Day 29	2020-08-04 10:47 (30)	82		43 - 115
		Day 57	2020-09-01 15:05 (29)	86		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-19 14:14 (-17)	22		10 - 43
		Day 29	2020-08-04 10:47 (30)	25		10 - 43
		Day 57	2020-09-01 15:05 (29)	22		10 - 43
	Basophils (10^9/L)	Screening	2020-06-19 14:14 (-17)	0.09		0 - 0.3
		Day 29	2020-08-04 10:47 (30)	0.08		0 - 0.3
		Day 57	2020-09-01 15:05 (29)	0.09		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-19 14:14 (-17)	1.3		0 - 3
		Day 29	2020-08-04 10:47 (30)	1.1		0 - 3
		Day 57	2020-09-01 15:05 (29)	1.2		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041151	Bilirubin (umol/L)	Screening	2020-06-19 14:14 (-17)	6.7		- 18.8
		Day 29	2020-08-04 10:47 (30)	9.9		- 18.8
		Day 57	2020-09-01 15:05 (29)	6.2		- 18.8
	Creatinine (umol/L)	Screening	2020-06-19 14:14 (-17)	80		62 - 124
		Day 29	2020-08-04 10:47 (30)	88		62 - 124
		Day 57	2020-09-01 15:05 (29)	88		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-19 14:14 (-17)	<3.4		0 - 6.8
		Day 29	2020-08-04 10:47 (30)	<3.4		0 - 6.8
		Day 57	2020-09-01 15:05 (29)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-19 14:14 (-17)	0.28		0 - 0.8
		Day 29	2020-08-04 10:47 (30)	0.13		0 - 0.8
		Day 57	2020-09-01 15:05 (29)	0.22		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041151	Eosinophils/Leukocytes (%)	Screening	2020-06-19 14:14 (-17)	4.1		0 - 7
		Day 29	2020-08-04 10:47 (30)	1.7		0 - 7
		Day 57	2020-09-01 15:05 (29)	2.9		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-19 14:14 (-17)	5.48		4.63 - 6.08
		Day 29	2020-08-04 10:47 (30)	5.41		4.63 - 6.08
		Day 57	2020-09-01 15:05 (29)	5.08		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-19 14:14 (-17)	0.514 (H)		0.37 - 0.51
		Day 29	2020-08-04 10:47 (30)	0.517 (H)		0.37 - 0.51
		Day 57	2020-09-01 15:05 (29)	0.490		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-19 14:14 (-17)	164		125 - 170
		Day 29	2020-08-04 10:47 (30)	162	G1 Hemoglobin Decreased	125 - 170
		Day 57	2020-09-01 15:05 (29)	152	G1 Hemoglobin Decreased	125 - 170

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041151	Immature Granulocytes (10^9/L)	Screening	2020-06-19 14:14 (-17)	<0.03		0 - 0.07
		Day 29	2020-08-04 10:47 (30)	<0.03		0 - 0.07
		Day 57	2020-09-01 15:05 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-19 14:14 (-17)	0.1		0 - 1
		Day 29	2020-08-04 10:47 (30)	0.1		0 - 1
		Day 57	2020-09-01 15:05 (29)	0.1		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-19 14:14 (-17)	6.88		3.7 - 11
		Day 29	2020-08-04 10:47 (30)	7.51		3.7 - 11
		Day 57	2020-09-01 15:05 (29)	7.51		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-19 14:14 (-17)	1.22		0.9 - 3.6
		Day 29	2020-08-04 10:47 (30)	1.30		0.9 - 3.6
		Day 57	2020-09-01 15:05 (29)	1.44		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041151	Lymphocytes/Leukocytes (%)	Screening	2020-06-19 14:14 (-17)	17.7		12 - 46
		Day 29	2020-08-04 10:47 (30)	17.3		12 - 46
		Day 57	2020-09-01 15:05 (29)	19.2		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-19 14:14 (-17)	0.51		0 - 1.2
		Day 29	2020-08-04 10:47 (30)	0.48		0 - 1.2
		Day 57	2020-09-01 15:05 (29)	0.47		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-19 14:14 (-17)	7.4		0 - 11
		Day 29	2020-08-04 10:47 (30)	6.4		0 - 11
		Day 57	2020-09-01 15:05 (29)	6.3		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-19 14:14 (-17)	4.77		1.7 - 7.9
		Day 29	2020-08-04 10:47 (30)	5.51		1.7 - 7.9
		Day 57	2020-09-01 15:05 (29)	5.28		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041151	Neutrophils/Leukocytes (%)	Screening	2020-06-19 14:14 (-17)	69.4		34 - 71
		Day 29	2020-08-04 10:47 (30)	73.4 (H)		34 - 71
		Day 57	2020-09-01 15:05 (29)	70.3		34 - 71
	Platelets (10^9/L)	Screening	2020-06-19 14:14 (-17)	225		163 - 375
		Day 29	2020-08-04 10:47 (30)	224		163 - 375
		Day 57	2020-09-01 15:05 (29)	227		163 - 375
	Prothrombin Intl. Normalized Ratio	Unscheduled	2020-07-02 12:40 (-4)	0.9		0.9 - 1.1
		Day 29	2020-08-04 10:47 (30)	1.0		0.9 - 1.1
		Day 57	2020-09-01 15:05 (29)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Unscheduled	2020-07-02 12:40 (-4)	10.8		9.4 - 12.5
		Day 29	2020-08-04 10:47 (30)	12.1		9.4 - 12.5
		Day 57	2020-09-01 15:05 (29)	12.5		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041151	Urea Nitrogen (mmol/L)	Screening	2020-06-19 14:14 (-17)	5.00		1.78 - 7.14
		Day 29	2020-08-04 10:47 (30)	6.43		1.78 - 7.14
		Day 57	2020-09-01 15:05 (29)	6.78		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-19 14:14 (-17)	15.6		7.8 - 26.7
		Day 29	2020-08-04 10:47 (30)	18.0		7.8 - 26.7
		Day 57	2020-09-01 15:05 (29)	19.0		7.8 - 26.7
US2041152	Activated Partial Thromboplastin Time (sec)	Unscheduled	2020-07-02 11:58 (-5)	28.9		25.1 - 36.5
		Day 29	2020-08-04 10:38 (29)	29.3		25.1 - 36.5
		Day 57	2020-09-03 10:22 (31)	28.2		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-19 14:21 (-18)	19		10 - 33
		Day 29	2020-08-04 10:38 (29)	20		10 - 33
		Day 57	2020-09-03 10:22 (31)	14		10 - 33

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041152	Alkaline Phosphatase (U/L)	Screening	2020-06-19 14:21 (-18)	64		30 - 115
		Day 29	2020-08-04 10:38 (29)	65		30 - 115
		Day 57	2020-09-03 10:22 (31)	55		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-19 14:21 (-18)	35		10 - 36
		Day 29	2020-08-04 10:38 (29)	38 (H)		10 - 36
		Day 57	2020-09-03 10:22 (31)	24		10 - 36
	Basophils (10^9/L)	Screening	2020-06-19 14:21 (-18)	0.04		0 - 0.3
		Day 29	2020-08-04 10:38 (29)	0.03		0 - 0.3
		Day 57	2020-09-03 10:22 (31)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-19 14:21 (-18)	0.7		0 - 3
		Day 29	2020-08-04 10:38 (29)	0.5		0 - 3
		Day 57	2020-09-03 10:22 (31)	0.5		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041152	Bilirubin (umol/L)	Screening	2020-06-19 14:21 (-18)	5.1		- 18.8
		Day 29	2020-08-04 10:38 (29)	11.3		- 18.8
		Day 57	2020-09-03 10:22 (31)	7.2		- 18.8
	Creatinine (umol/L)	Screening	2020-06-19 14:21 (-18)	53 (L)		62 - 124
		Day 29	2020-08-04 10:38 (29)	44 (L)		62 - 124
		Day 57	2020-09-03 10:22 (31)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-19 14:21 (-18)	<3.4		0 - 6.8
		Day 29	2020-08-04 10:38 (29)	<3.4		0 - 6.8
		Day 57	2020-09-03 10:22 (31)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-19 14:21 (-18)	0.19		0 - 0.8
		Day 29	2020-08-04 10:38 (29)	0.11		0 - 0.8
		Day 57	2020-09-03 10:22 (31)	0.12		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041152	Eosinophils/Leukocytes (%)	Screening	2020-06-19 14:21 (-18)	3.1		0 - 7
		Day 29	2020-08-04 10:38 (29)	1.9		0 - 7
		Day 57	2020-09-03 10:22 (31)	2.0		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-19 14:21 (-18)	4.37		3.7 - 5.2
		Day 29	2020-08-04 10:38 (29)	4.38		3.7 - 5.2
		Day 57	2020-09-03 10:22 (31)	4.29		3.7 - 5.2
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-19 14:21 (-18)	130.7 (H)		1.7 - 21.5
	Hematocrit (L/L)	Screening	2020-06-19 14:21 (-18)	0.431		0.33 - 0.47
		Day 29	2020-08-04 10:38 (29)	0.428		0.33 - 0.47
		Day 57	2020-09-03 10:22 (31)	0.423		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-19 14:21 (-18)	135		110 - 155
		Day 29	2020-08-04 10:38 (29)	136		110 - 155

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041152	Hemoglobin (g/L)	Day 57	2020-09-03 10:22 (31)	133	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-19 14:21 (-18)	<0.03		0 - 0.07
		Day 29	2020-08-04 10:38 (29)	<0.03		0 - 0.07
		Day 57	2020-09-03 10:22 (31)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-19 14:21 (-18)	0.3		0 - 1
		Day 29	2020-08-04 10:38 (29)	0.2		0 - 1
		Day 57	2020-09-03 10:22 (31)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-19 14:21 (-18)	6.14		3.7 - 11
		Day 29	2020-08-04 10:38 (29)	5.75		3.7 - 11
		Day 57	2020-09-03 10:22 (31)	5.97		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-19 14:21 (-18)	1.45		0.9 - 3.6
		Day 29	2020-08-04 10:38 (29)	1.08		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041152	Lymphocytes (10^9/L)	Day 57	2020-09-03 10:22 (31)	1.18		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-19 14:21 (-18)	23.6		12 - 46
		Day 29	2020-08-04 10:38 (29)	18.8		12 - 46
		Day 57	2020-09-03 10:22 (31)	19.8		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-19 14:21 (-18)	0.82		0 - 1.2
		Day 29	2020-08-04 10:38 (29)	0.61		0 - 1.2
		Day 57	2020-09-03 10:22 (31)	0.62		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-19 14:21 (-18)	13.4 (H)		0 - 11
		Day 29	2020-08-04 10:38 (29)	10.6		0 - 11
		Day 57	2020-09-03 10:22 (31)	10.4		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-19 14:21 (-18)	3.62		1.7 - 7.9
		Day 29	2020-08-04 10:38 (29)	3.91		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041152	Neutrophils (10^9/L)	Day 57	2020-09-03 10:22 (31)	4.00		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-19 14:21 (-18)	58.9		34 - 71
		Day 29	2020-08-04 10:38 (29)	68.0		34 - 71
		Day 57	2020-09-03 10:22 (31)	67.0		34 - 71
	Platelets (10^9/L)	Screening	2020-06-19 14:21 (-18)	189		163 - 375
		Day 29	2020-08-04 10:38 (29)	203		163 - 375
		Day 57	2020-09-03 10:22 (31)	189		163 - 375
	Prothrombin Intl. Normalized Ratio	Unscheduled	2020-07-02 11:58 (-5)	1.0		0.9 - 1.1
		Day 29	2020-08-04 10:38 (29)	1.0		0.9 - 1.1
		Day 57	2020-09-03 10:22 (31)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Unscheduled	2020-07-02 11:58 (-5)	11.5		9.4 - 12.5
		Day 29	2020-08-04 10:38 (29)	11.5		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041152	Prothrombin Time (sec)	Day 57	2020-09-03 10:22 (31)	11.8		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-19 14:21 (-18)	6.43		1.78 - 7.14
		Day 29	2020-08-04 10:38 (29)	5.71		1.78 - 7.14
		Day 57	2020-09-03 10:22 (31)	6.07		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-19 14:21 (-18)	30.0 (H)		7.8 - 26.7
		Day 29	2020-08-04 10:38 (29)	32.0 (H)		7.8 - 26.7
		Day 57	2020-09-03 10:22 (31)	28.3 (H)		7.8 - 26.7
US2041166	Activated Partial Thromboplastin Time (sec)	Screening	2020-07-01 14:44 (-5)	32.3		25.1 - 36.5
		Day 29	2020-08-03 08:11 (29)	30.6		25.1 - 36.5
		Day 57	2020-08-31 09:11 (29)	32.5		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-07-01 14:44 (-5)	23		10 - 40
		Day 29	2020-08-03 08:11 (29)	21		10 - 40

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041166	Alanine Aminotransferase (U/L)	Day 57	2020-08-31 09:11 (29)	20		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-07-01 14:44 (-5)	80		43 - 115
		Day 29	2020-08-03 08:11 (29)	72		43 - 115
		Day 57	2020-08-31 09:11 (29)	78		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-07-01 14:44 (-5)	14		10 - 43
		Day 29	2020-08-03 08:11 (29)	18		10 - 43
		Day 57	2020-08-31 09:11 (29)	20		10 - 43
	Basophils (10^9/L)	Screening	2020-07-01 14:44 (-5)	0.03		0 - 0.3
		Day 29	2020-08-03 08:11 (29)	<0.03		0 - 0.3
		Day 57	2020-08-31 09:11 (29)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-07-01 14:44 (-5)	0.5		0 - 3
		Day 29	2020-08-03 08:11 (29)	0.4		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041166	Basophils/Leukocytes (%)	Day 57	2020-08-31 09:11 (29)	0.4		0 - 3
	Bilirubin (umol/L)	Screening	2020-07-01 14:44 (-5)	8.0		- 18.8
		Day 29	2020-08-03 08:11 (29)	10.8		- 18.8
		Day 57	2020-08-31 09:11 (29)	12.0		- 18.8
	Creatinine (umol/L)	Screening	2020-07-01 14:44 (-5)	71		62 - 124
		Day 29	2020-08-03 08:11 (29)	71		62 - 124
		Day 57	2020-08-31 09:11 (29)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-07-01 14:44 (-5)	<3.4		0 - 6.8
		Day 29	2020-08-03 08:11 (29)	<3.4		0 - 6.8
		Day 57	2020-08-31 09:11 (29)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-07-01 14:44 (-5)	0.11		0 - 0.8
		Day 29	2020-08-03 08:11 (29)	0.09		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041166	Eosinophils (10^9/L)	Day 57	2020-08-31 09:11 (29)	0.10		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-07-01 14:44 (-5)	1.8		0 - 7
		Day 29	2020-08-03 08:11 (29)	1.8		0 - 7
		Day 57	2020-08-31 09:11 (29)	1.8		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-07-01 14:44 (-5)	5.02		4.63 - 6.08
		Day 29	2020-08-03 08:11 (29)	5.08		4.63 - 6.08
		Day 57	2020-08-31 09:11 (29)	5.18		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-07-01 14:44 (-5)	0.471		0.37 - 0.51
		Day 29	2020-08-03 08:11 (29)	0.475		0.37 - 0.51
		Day 57	2020-08-31 09:11 (29)	0.488		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-07-01 14:44 (-5)	147		125 - 170
		Day 29	2020-08-03 08:11 (29)	149		125 - 170

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041166	Hemoglobin (g/L)	Day 57	2020-08-31 09:11 (29)	152		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-07-01 14:44 (-5)	<0.03		0 - 0.07
		Day 29	2020-08-03 08:11 (29)	<0.03		0 - 0.07
		Day 57	2020-08-31 09:11 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-07-01 14:44 (-5)	0.3		0 - 1
		Day 29	2020-08-03 08:11 (29)	0.2		0 - 1
		Day 57	2020-08-31 09:11 (29)	0.4		0 - 1
	Leukocytes (10^9/L)	Screening	2020-07-01 14:44 (-5)	6.13		3.7 - 11
		Day 29	2020-08-03 08:11 (29)	4.99		3.7 - 11
		Day 57	2020-08-31 09:11 (29)	5.46		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-07-01 14:44 (-5)	1.21		0.9 - 3.6
		Day 29	2020-08-03 08:11 (29)	0.93	G1 Lymphocytes Decreased	0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041166	Lymphocytes (10^9/L)	Day 57	2020-08-31 09:11 (29)	1.23		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-07-01 14:44 (-5)	19.7		12 - 46
		Day 29	2020-08-03 08:11 (29)	18.6		12 - 46
		Day 57	2020-08-31 09:11 (29)	22.5		12 - 46
	Monocytes (10^9/L)	Screening	2020-07-01 14:44 (-5)	0.61		0 - 1.2
		Day 29	2020-08-03 08:11 (29)	0.47		0 - 1.2
		Day 57	2020-08-31 09:11 (29)	0.56		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-07-01 14:44 (-5)	10.0		0 - 11
		Day 29	2020-08-03 08:11 (29)	9.4		0 - 11
		Day 57	2020-08-31 09:11 (29)	10.3		0 - 11
	Neutrophils (10^9/L)	Screening	2020-07-01 14:44 (-5)	4.15		1.7 - 7.9
		Day 29	2020-08-03 08:11 (29)	3.47		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041166	Neutrophils (10^9/L)	Day 57	2020-08-31 09:11 (29)	3.53		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-07-01 14:44 (-5)	67.7		34 - 71
		Day 29	2020-08-03 08:11 (29)	69.6		34 - 71
		Day 57	2020-08-31 09:11 (29)	64.6		34 - 71
	Platelets (10^9/L)	Screening	2020-07-01 14:44 (-5)	187		163 - 375
		Day 29	2020-08-03 08:11 (29)	161 (L)		163 - 375
		Day 57	2020-08-31 09:11 (29)	183		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-07-01 14:44 (-5)	1.0		0.9 - 1.1
		Day 29	2020-08-03 08:11 (29)	1.0		0.9 - 1.1
		Day 57	2020-08-31 09:11 (29)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-07-01 14:44 (-5)	11.2		9.4 - 12.5
		Day 29	2020-08-03 08:11 (29)	11.7		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041166	Prothrombin Time (sec)	Day 57	2020-08-31 09:11 (29)	11.9		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-07-01 14:44 (-5)	7.14		1.78 - 7.14
		Day 29	2020-08-03 08:11 (29)	5.71		1.78 - 7.14
		Day 57	2020-08-31 09:11 (29)	5.00		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-07-01 14:44 (-5)	25.0		7.8 - 26.7
		Day 29	2020-08-03 08:11 (29)	20.0		7.8 - 26.7
		Day 57	2020-08-31 09:11 (29)	17.5		7.8 - 26.7
US2051055	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-12 09:40 (-14)	31.8		25.1 - 36.5
		Day 29	2020-07-30 08:34 (35)	29.1		25.1 - 36.5
		Day 57	2020-08-25 07:50 (27)	27.1		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-12 09:40 (-14)	29		10 - 40
		Day 29	2020-07-30 08:34 (35)	23		10 - 40

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051055	Alanine Aminotransferase (U/L)	Day 57	2020-08-25 07:50 (27)	20		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-12 09:40 (-14)	73		43 - 115
		Day 29	2020-07-30 08:34 (35)	60		43 - 115
		Day 57	2020-08-25 07:50 (27)	68		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-12 09:40 (-14)	25		10 - 43
		Day 29	2020-07-30 08:34 (35)	35		10 - 43
		Day 57	2020-08-25 07:50 (27)	22		10 - 43
	Basophils (10^9/L)	Screening	2020-06-12 09:40 (-14)	<0.03		0 - 0.3
		Day 29	2020-07-30 08:34 (35)	<0.03		0 - 0.3
		Day 57	2020-08-25 07:50 (27)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-12 09:40 (-14)	0.5		0 - 3
		Day 29	2020-07-30 08:34 (35)	0.6		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051055	Basophils/Leukocytes (%)	Day 57	2020-08-25 07:50 (27)	0.7		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-12 09:40 (-14)	8.2		- 18.8
		Day 29	2020-07-30 08:34 (35)	6.0		- 18.8
		Day 57	2020-08-25 07:50 (27)	6.8		- 18.8
	Creatinine (umol/L)	Screening	2020-06-12 09:40 (-14)	88		62 - 124
		Day 29	2020-07-30 08:34 (35)	97		62 - 124
		Day 57	2020-08-25 07:50 (27)	80		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-12 09:40 (-14)	<3.4		0 - 6.8
		Day 29	2020-07-30 08:34 (35)	<3.4		0 - 6.8
		Day 57	2020-08-25 07:50 (27)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-12 09:40 (-14)	0.20		0 - 0.8
		Day 29	2020-07-30 08:34 (35)	0.20		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051055	Eosinophils (10^9/L)	Day 57	2020-08-25 07:50 (27)	0.28		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-12 09:40 (-14)	5.4		0 - 7
		Day 29	2020-07-30 08:34 (35)	5.5		0 - 7
		Day 57	2020-08-25 07:50 (27)	6.4		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-12 09:40 (-14)	5.36		4.63 - 6.08
		Day 29	2020-07-30 08:34 (35)	4.86		4.63 - 6.08
		Day 57	2020-08-25 07:50 (27)	4.77		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-12 09:40 (-14)	0.527 (H)		0.37 - 0.51
		Day 29	2020-07-30 08:34 (35)	0.469		0.37 - 0.51
		Day 57	2020-08-25 07:50 (27)	0.490		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-12 09:40 (-14)	165		125 - 170
		Day 29	2020-07-30 08:34 (35)	149	G2 Hemoglobin Decreased	125 - 170

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051055	Hemoglobin (g/L)	Day 57	2020-08-25 07:50 (27)	148	G2 Hemoglobin Decreased	125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-12 09:40 (-14)	<0.03		0 - 0.07
		Day 29	2020-07-30 08:34 (35)	<0.03		0 - 0.07
		Day 57	2020-08-25 07:50 (27)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-12 09:40 (-14)	0.3		0 - 1
		Day 29	2020-07-30 08:34 (35)	0.3		0 - 1
		Day 57	2020-08-25 07:50 (27)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-12 09:40 (-14)	3.69 (L)		3.7 - 11
		Day 29	2020-07-30 08:34 (35)	3.62 (L)		3.7 - 11
		Day 57	2020-08-25 07:50 (27)	4.37		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-12 09:40 (-14)	0.96	G1 Lymphocytes Decreased	0.9 - 3.6
		Day 29	2020-07-30 08:34 (35)	0.79 (L)	G1 Lymphocytes Decreased	0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051055	Lymphocytes (10^9/L)	Day 57	2020-08-25 07:50 (27)	0.78 (L)	G1 Lymphocytes Decreased	0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-12 09:40 (-14)	26.0		12 - 46
		Day 29	2020-07-30 08:34 (35)	21.8		12 - 46
		Day 57	2020-08-25 07:50 (27)	17.8		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-12 09:40 (-14)	0.43		0 - 1.2
		Day 29	2020-07-30 08:34 (35)	0.47		0 - 1.2
		Day 57	2020-08-25 07:50 (27)	0.43		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-12 09:40 (-14)	11.7 (H)		0 - 11
		Day 29	2020-07-30 08:34 (35)	13.0 (H)		0 - 11
		Day 57	2020-08-25 07:50 (27)	9.8		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-12 09:40 (-14)	2.07		1.7 - 7.9
		Day 29	2020-07-30 08:34 (35)	2.13		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051055	Neutrophils (10^9/L)	Day 57	2020-08-25 07:50 (27)	2.84		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-12 09:40 (-14)	56.1		34 - 71
		Day 29	2020-07-30 08:34 (35)	58.8		34 - 71
		Day 57	2020-08-25 07:50 (27)	65.1		34 - 71
	Platelets (10^9/L)	Screening	2020-06-12 09:40 (-14)	249		163 - 375
		Day 29	2020-07-30 08:34 (35)	226		163 - 375
		Day 57	2020-08-25 07:50 (27)	244		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-12 09:40 (-14)	1.0		0.9 - 1.1
		Day 29	2020-07-30 08:34 (35)	1.0		0.9 - 1.1
		Day 57	2020-08-25 07:50 (27)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-12 09:40 (-14)	11.5		9.4 - 12.5
		Day 29	2020-07-30 08:34 (35)	12.2		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051055	Prothrombin Time (sec)	Day 57	2020-08-25 07:50 (27)	12.3		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-12 09:40 (-14)	3.93		1.78 - 7.14
		Day 29	2020-07-30 08:34 (35)	4.64		1.78 - 7.14
		Day 57	2020-08-25 07:50 (27)	5.35		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-12 09:40 (-14)	11.0		7.8 - 26.7
		Day 29	2020-07-30 08:34 (35)	11.8		7.8 - 26.7
		Day 57	2020-08-25 07:50 (27)	16.7		7.8 - 26.7
US2051063	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-16 15:41 (-14)	27.5		25.1 - 36.5
		Day 29	2020-07-28 09:42 (29)	26.7		25.1 - 36.5
		Day 57	2020-08-25 09:55 (29)	25.0 (L)		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-16 15:41 (-14)	16		10 - 40
		Day 29	2020-07-28 09:42 (29)	17		10 - 40

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051063	Alanine Aminotransferase (U/L)	Day 57	2020-08-25 09:55 (29)	16		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-16 15:41 (-14)	52		43 - 115
		Day 29	2020-07-28 09:42 (29)	50		43 - 115
		Day 57	2020-08-25 09:55 (29)	50		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-16 15:41 (-14)	24		10 - 43
		Day 29	2020-07-28 09:42 (29)	24		10 - 43
		Day 57	2020-08-25 09:55 (29)	21		10 - 43
	Basophils (10^9/L)	Screening	2020-06-16 15:41 (-14)	0.07		0 - 0.3
		Day 29	2020-07-28 09:42 (29)	0.06		0 - 0.3
		Day 57	2020-08-25 09:55 (29)	0.07		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-16 15:41 (-14)	1.5		0 - 3
		Day 29	2020-07-28 09:42 (29)	1.4		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051063	Basophils/Leukocytes (%)	Day 57	2020-08-25 09:55 (29)	1.6		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-16 15:41 (-14)	8.0		- 18.8
		Day 29	2020-07-28 09:42 (29)	12.0		- 18.8
		Day 57	2020-08-25 09:55 (29)	7.9		- 18.8
	Creatinine (umol/L)	Screening	2020-06-16 15:41 (-14)	106		62 - 124
		Day 29	2020-07-28 09:42 (29)	88		62 - 124
		Day 57	2020-08-25 09:55 (29)	80		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-16 15:41 (-14)	<3.4		0 - 6.8
		Day 29	2020-07-28 09:42 (29)	<3.4		0 - 6.8
		Day 57	2020-08-25 09:55 (29)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-16 15:41 (-14)	0.10		0 - 0.8
		Day 29	2020-07-28 09:42 (29)	0.11		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051063	Eosinophils (10^9/L)	Day 57	2020-08-25 09:55 (29)	0.14		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-16 15:41 (-14)	2.2		0 - 7
		Day 29	2020-07-28 09:42 (29)	2.6		0 - 7
		Day 57	2020-08-25 09:55 (29)	3.3		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-16 15:41 (-14)	4.77		4.63 - 6.08
		Day 29	2020-07-28 09:42 (29)	4.66		4.63 - 6.08
		Day 57	2020-08-25 09:55 (29)	4.60 (L)		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-16 15:41 (-14)	0.465		0.37 - 0.51
		Day 29	2020-07-28 09:42 (29)	0.464		0.37 - 0.51
		Day 57	2020-08-25 09:55 (29)	0.473		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-16 15:41 (-14)	145		125 - 170
		Day 29	2020-07-28 09:42 (29)	142	G1 Hemoglobin Decreased	125 - 170

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051063	Hemoglobin (g/L)	Day 57	2020-08-25 09:55 (29)	141	G1 Hemoglobin Decreased	125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-16 15:41 (-14)	<0.03		0 - 0.07
		Day 29	2020-07-28 09:42 (29)	<0.03		0 - 0.07
		Day 57	2020-08-25 09:55 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-16 15:41 (-14)	0.4		0 - 1
		Day 29	2020-07-28 09:42 (29)	0.2		0 - 1
		Day 57	2020-08-25 09:55 (29)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-16 15:41 (-14)	4.61		3.7 - 11
		Day 29	2020-07-28 09:42 (29)	4.24		3.7 - 11
		Day 57	2020-08-25 09:55 (29)	4.29		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-16 15:41 (-14)	1.22		0.9 - 3.6
		Day 29	2020-07-28 09:42 (29)	1.06		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051063	Lymphocytes (10^9/L)	Day 57	2020-08-25 09:55 (29)	1.02		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-16 15:41 (-14)	26.5		12 - 46
		Day 29	2020-07-28 09:42 (29)	25.0		12 - 46
		Day 57	2020-08-25 09:55 (29)	23.8		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-16 15:41 (-14)	0.47		0 - 1.2
		Day 29	2020-07-28 09:42 (29)	0.41		0 - 1.2
		Day 57	2020-08-25 09:55 (29)	0.41		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-16 15:41 (-14)	10.2		0 - 11
		Day 29	2020-07-28 09:42 (29)	9.7		0 - 11
		Day 57	2020-08-25 09:55 (29)	9.6		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-16 15:41 (-14)	2.73		1.7 - 7.9
		Day 29	2020-07-28 09:42 (29)	2.59		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051063	Neutrophils (10^9/L)	Day 57	2020-08-25 09:55 (29)	2.64		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-16 15:41 (-14)	59.2		34 - 71
		Day 29	2020-07-28 09:42 (29)	61.1		34 - 71
		Day 57	2020-08-25 09:55 (29)	61.5		34 - 71
	Platelets (10^9/L)	Screening	2020-06-16 15:41 (-14)	226		163 - 375
		Day 29	2020-07-28 09:42 (29)	213		163 - 375
		Day 57	2020-08-25 09:55 (29)	242		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-16 15:41 (-14)	0.9		0.9 - 1.1
		Day 29	2020-07-28 09:42 (29)	0.9		0.9 - 1.1
		Day 57	2020-08-25 09:55 (29)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-16 15:41 (-14)	10.7		9.4 - 12.5
		Day 29	2020-07-28 09:42 (29)	11.2		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051063	Prothrombin Time (sec)	Day 57	2020-08-25 09:55 (29)	10.3		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-16 15:41 (-14)	4.28		1.78 - 7.14
		Day 29	2020-07-28 09:42 (29)	4.28		1.78 - 7.14
		Day 57	2020-08-25 09:55 (29)	5.00		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-16 15:41 (-14)	10.0		7.8 - 26.7
		Day 29	2020-07-28 09:42 (29)	12.0		7.8 - 26.7
		Day 57	2020-08-25 09:55 (29)	15.6		7.8 - 26.7
US2051072	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-19 09:12 (-17)	38.1 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
		Unscheduled	2020-06-25 08:39 (-11)	31.9		25.1 - 36.5
		Day 29	2020-08-03 08:49 (29)	31.3		25.1 - 36.5
		Day 57	2020-09-21 08:41 (50)	30.6		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051072	Alanine Aminotransferase (U/L)	Screening	2020-06-19 09:12 (-17)	18		10 - 40
		Day 29	2020-08-03 08:49 (29)	17		10 - 40
		Day 57	2020-09-21 08:41 (50)	20		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-19 09:12 (-17)	86		43 - 115
		Day 29	2020-08-03 08:49 (29)	73		43 - 115
		Day 57	2020-09-21 08:41 (50)	88		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-19 09:12 (-17)	20		10 - 43
		Day 29	2020-08-03 08:49 (29)	24		10 - 43
		Day 57	2020-09-21 08:41 (50)	18		10 - 43
	Basophils (10^9/L)	Screening	2020-06-19 09:12 (-17)	0.05		0 - 0.3
		Day 29	2020-08-03 08:49 (29)	0.03		0 - 0.3
		Day 57	2020-09-21 08:41 (50)	0.06		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051072	Basophils/Leukocytes (%)	Screening	2020-06-19 09:12 (-17)	0.9		0 - 3
		Day 29	2020-08-03 08:49 (29)	0.6		0 - 3
		Day 57	2020-09-21 08:41 (50)	1.3		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-19 09:12 (-17)	5.0		- 18.8
		Day 29	2020-08-03 08:49 (29)	7.7		- 18.8
		Day 57	2020-09-21 08:41 (50)	6.5		- 18.8
	Creatinine (umol/L)	Screening	2020-06-19 09:12 (-17)	80		62 - 124
		Day 29	2020-08-03 08:49 (29)	71		62 - 124
		Day 57	2020-09-21 08:41 (50)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-19 09:12 (-17)	<3.4		0 - 6.8
		Day 29	2020-08-03 08:49 (29)	<3.4		0 - 6.8
		Day 57	2020-09-21 08:41 (50)	<3.4		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051072	Eosinophils (10^9/L)	Screening	2020-06-19 09:12 (-17)	0.35		0 - 0.8
		Day 29	2020-08-03 08:49 (29)	0.31		0 - 0.8
		Day 57	2020-09-21 08:41 (50)	0.37		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-19 09:12 (-17)	6.6		0 - 7
		Day 29	2020-08-03 08:49 (29)	6.4		0 - 7
		Day 57	2020-09-21 08:41 (50)	8.0 (H)		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-19 09:12 (-17)	4.59 (L)		4.63 - 6.08
		Day 29	2020-08-03 08:49 (29)	4.31 (L)		4.63 - 6.08
		Day 57	2020-09-21 08:41 (50)	4.20 (L)		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-19 09:12 (-17)	0.454		0.37 - 0.51
		Day 29	2020-08-03 08:49 (29)	0.430		0.37 - 0.51
		Day 57	2020-09-21 08:41 (50)	0.423		0.37 - 0.51

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051072	Hemoglobin (g/L)	Screening	2020-06-19 09:12 (-17)	141		125 - 170
		Day 29	2020-08-03 08:49 (29)	134	G1 Hemoglobin Decreased	125 - 170
		Day 57	2020-09-21 08:41 (50)	134	G1 Hemoglobin Decreased	125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-19 09:12 (-17)	<0.03		0 - 0.07
		Day 29	2020-08-03 08:49 (29)	<0.03		0 - 0.07
		Day 57	2020-09-21 08:41 (50)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-19 09:12 (-17)	0.2		0 - 1
		Day 29	2020-08-03 08:49 (29)	0.0		0 - 1
		Day 57	2020-09-21 08:41 (50)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-19 09:12 (-17)	5.27		3.7 - 11
		Day 29	2020-08-03 08:49 (29)	4.87		3.7 - 11
		Day 57	2020-09-21 08:41 (50)	4.62		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051072	Lymphocytes (10^9/L)	Screening	2020-06-19 09:12 (-17)	1.82		0.9 - 3.6
		Day 29	2020-08-03 08:49 (29)	1.68		0.9 - 3.6
		Day 57	2020-09-21 08:41 (50)	1.66		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-19 09:12 (-17)	34.5		12 - 46
		Day 29	2020-08-03 08:49 (29)	34.5		12 - 46
		Day 57	2020-09-21 08:41 (50)	35.9		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-19 09:12 (-17)	0.58		0 - 1.2
		Day 29	2020-08-03 08:49 (29)	0.47		0 - 1.2
		Day 57	2020-09-21 08:41 (50)	0.55		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-19 09:12 (-17)	11.0		0 - 11
		Day 29	2020-08-03 08:49 (29)	9.7		0 - 11
		Day 57	2020-09-21 08:41 (50)	11.9 (H)		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051072	Neutrophils (10^9/L)	Screening	2020-06-19 09:12 (-17)	2.46		1.7 - 7.9
		Day 29	2020-08-03 08:49 (29)	2.38		1.7 - 7.9
		Day 57	2020-09-21 08:41 (50)	1.97	G1 Neutrophils Decreased	1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-19 09:12 (-17)	46.8		34 - 71
		Day 29	2020-08-03 08:49 (29)	48.8		34 - 71
		Day 57	2020-09-21 08:41 (50)	42.7		34 - 71
	Platelets (10^9/L)	Screening	2020-06-19 09:12 (-17)	185		163 - 375
		Day 29	2020-08-03 08:49 (29)	190		163 - 375
		Day 57	2020-09-21 08:41 (50)	190		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-19 09:12 (-17)	0.9		0.9 - 1.1
		Unscheduled	2020-06-25 08:39 (-11)	0.9		0.9 - 1.1
		Day 29	2020-08-03 08:49 (29)	0.9		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051072	Prothrombin Intl. Normalized Ratio	Day 57	2020-09-21 08:41 (50)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-19 09:12 (-17)	10.5		9.4 - 12.5
		Unscheduled	2020-06-25 08:39 (-11)	10.1		9.4 - 12.5
		Day 29	2020-08-03 08:49 (29)	10.8		9.4 - 12.5
		Day 57	2020-09-21 08:41 (50)	10.9		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-19 09:12 (-17)	6.43		1.78 - 7.14
		Day 29	2020-08-03 08:49 (29)	7.14		1.78 - 7.14
		Day 57	2020-09-21 08:41 (50)	6.43		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-19 09:12 (-17)	20.0		7.8 - 26.7
		Day 29	2020-08-03 08:49 (29)	25.0		7.8 - 26.7
		Day 57	2020-09-21 08:41 (50)	22.5		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051073	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-19 10:16 (-17)	37.7 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
		Unscheduled	2020-06-30 11:17 (-6)	34.4		25.1 - 36.5
		Day 29	2020-08-05 11:19 (31)	30.9		25.1 - 36.5
		Day 57	2020-08-31 12:19 (27)	30.9		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-19 10:16 (-17)	13		10 - 33
		Day 29	2020-08-05 11:19 (31)	13		10 - 33
		Day 57	2020-08-31 12:19 (27)	14		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-19 10:16 (-17)	62		30 - 115
		Day 29	2020-08-05 11:19 (31)	67		30 - 115
		Day 57	2020-08-31 12:19 (27)	69		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-19 10:16 (-17)	20		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051073	Aspartate Aminotransferase (U/L)	Day 29	2020-08-05 11:19 (31)	19		10 - 36
		Day 57	2020-08-31 12:19 (27)	19		10 - 36
	Basophils (10^9/L)	Screening	2020-06-19 10:16 (-17)	0.05		0 - 0.3
		Day 29	2020-08-05 11:19 (31)	0.06		0 - 0.3
		Day 57	2020-08-31 12:19 (27)	0.07		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-19 10:16 (-17)	0.9		0 - 3
		Day 29	2020-08-05 11:19 (31)	0.9		0 - 3
		Day 57	2020-08-31 12:19 (27)	0.8		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-19 10:16 (-17)	5.0		- 18.8
		Day 29	2020-08-05 11:19 (31)	5.5		- 18.8
		Day 57	2020-08-31 12:19 (27)	4.3		- 18.8
	Creatinine (umol/L)	Screening	2020-06-19 10:16 (-17)	71		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051073	Creatinine (umol/L)	Day 29	2020-08-05 11:19 (31)	62		62 - 124
		Day 57	2020-08-31 12:19 (27)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-19 10:16 (-17)	<3.4		0 - 6.8
		Day 29	2020-08-05 11:19 (31)	<3.4		0 - 6.8
		Day 57	2020-08-31 12:19 (27)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-19 10:16 (-17)	0.08		0 - 0.8
		Day 29	2020-08-05 11:19 (31)	0.09		0 - 0.8
		Day 57	2020-08-31 12:19 (27)	0.08		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-19 10:16 (-17)	1.4		0 - 7
		Day 29	2020-08-05 11:19 (31)	1.4		0 - 7
		Day 57	2020-08-31 12:19 (27)	0.9		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-19 10:16 (-17)	4.74		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051073	Erythrocytes (10^12/L)	Day 29	2020-08-05 11:19 (31)	4.43		3.7 - 5.2
		Day 57	2020-08-31 12:19 (27)	4.68		3.7 - 5.2
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-19 10:16 (-17)	68.6 (H)		1.7 - 21.5
	Hematocrit (L/L)	Screening	2020-06-19 10:16 (-17)	0.478 (H)		0.33 - 0.47
		Day 29	2020-08-05 11:19 (31)	0.453		0.33 - 0.47
		Day 57	2020-08-31 12:19 (27)	0.469		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-19 10:16 (-17)	151		110 - 155
		Day 29	2020-08-05 11:19 (31)	140	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-31 12:19 (27)	145	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-19 10:16 (-17)	<0.03		0 - 0.07
		Day 29	2020-08-05 11:19 (31)	<0.03		0 - 0.07
		Day 57	2020-08-31 12:19 (27)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051073	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-19 10:16 (-17)	0.2		0 - 1
		Day 29	2020-08-05 11:19 (31)	0.2		0 - 1
		Day 57	2020-08-31 12:19 (27)	0.1		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-19 10:16 (-17)	5.61		3.7 - 11
		Day 29	2020-08-05 11:19 (31)	6.47		3.7 - 11
		Day 57	2020-08-31 12:19 (27)	8.80		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-19 10:16 (-17)	1.59		0.9 - 3.6
		Day 29	2020-08-05 11:19 (31)	1.56		0.9 - 3.6
		Day 57	2020-08-31 12:19 (27)	1.88		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-19 10:16 (-17)	28.3		12 - 46
		Day 29	2020-08-05 11:19 (31)	24.1		12 - 46
		Day 57	2020-08-31 12:19 (27)	21.4		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051073	Monocytes (10^9/L)	Screening	2020-06-19 10:16 (-17)	0.44		0 - 1.2
		Day 29	2020-08-05 11:19 (31)	0.42		0 - 1.2
		Day 57	2020-08-31 12:19 (27)	0.60		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-19 10:16 (-17)	7.8		0 - 11
		Day 29	2020-08-05 11:19 (31)	6.5		0 - 11
		Day 57	2020-08-31 12:19 (27)	6.8		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-19 10:16 (-17)	3.44		1.7 - 7.9
		Day 29	2020-08-05 11:19 (31)	4.33		1.7 - 7.9
		Day 57	2020-08-31 12:19 (27)	6.16		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-19 10:16 (-17)	61.4		34 - 71
		Day 29	2020-08-05 11:19 (31)	66.9		34 - 71
		Day 57	2020-08-31 12:19 (27)	70.0		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051073	Platelets (10^9/L)	Screening	2020-06-19 10:16 (-17)	287		163 - 375
		Day 29	2020-08-05 11:19 (31)	301		163 - 375
		Day 57	2020-08-31 12:19 (27)	331		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-19 10:16 (-17)	1.0		0.9 - 1.1
		Unscheduled	2020-06-30 11:17 (-6)	0.9		0.9 - 1.1
		Day 29	2020-08-05 11:19 (31)	0.9		0.9 - 1.1
		Day 57	2020-08-31 12:19 (27)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-19 10:16 (-17)	11.4		9.4 - 12.5
		Unscheduled	2020-06-30 11:17 (-6)	10.7		9.4 - 12.5
		Day 29	2020-08-05 11:19 (31)	10.8		9.4 - 12.5
		Day 57	2020-08-31 12:19 (27)	11.0		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-19 10:16 (-17)	4.28		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051073	Urea Nitrogen (mmol/L)	Day 29	2020-08-05 11:19 (31)	5.35		1.78 - 7.14
		Day 57	2020-08-31 12:19 (27)	7.50 (H)		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-19 10:16 (-17)	15.0		7.8 - 26.7
		Day 29	2020-08-05 11:19 (31)	21.4		7.8 - 26.7
		Day 57	2020-08-31 12:19 (27)	30.0 (H)		7.8 - 26.7
US2051087	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-25 09:20 (-11)	31.8		25.1 - 36.5
		Day 29	2020-08-04 08:30 (30)	30.5		25.1 - 36.5
		Day 57	2020-09-08 09:41 (36)	28.3		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-25 09:20 (-11)	17		10 - 33
		Day 29	2020-08-04 08:30 (30)	14		10 - 33
		Day 57	2020-09-08 09:41 (36)	16		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-25 09:20 (-11)	41		30 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051087	Alkaline Phosphatase (U/L)	Day 29	2020-08-04 08:30 (30)	39		30 - 115
		Day 57	2020-09-08 09:41 (36)	40		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-25 09:20 (-11)	22		10 - 36
		Day 29	2020-08-04 08:30 (30)	22		10 - 36
		Day 57	2020-09-08 09:41 (36)	20		10 - 36
	Basophils (10^9/L)	Screening	2020-06-25 09:20 (-11)	<0.03		0 - 0.3
		Unscheduled	2020-06-29 15:40 (-7)	<0.03		0 - 0.3
		Day 29	2020-08-04 08:30 (30)	<0.03		0 - 0.3
		Day 57	2020-09-08 09:41 (36)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-25 09:20 (-11)	0.2		0 - 3
		Unscheduled	2020-06-29 15:40 (-7)	0.2		0 - 3
		Day 29	2020-08-04 08:30 (30)	0.3		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051087	Basophils/Leukocytes (%)	Day 57	2020-09-08 09:41 (36)	0.3		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-25 09:20 (-11)	8.4		- 18.8
		Day 29	2020-08-04 08:30 (30)	5.3		- 18.8
		Day 57	2020-09-08 09:41 (36)	3.9		- 18.8
	Creatinine (umol/L)	Screening	2020-06-25 09:20 (-11)	80		62 - 124
		Day 29	2020-08-04 08:30 (30)	71		62 - 124
		Day 57	2020-09-08 09:41 (36)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-25 09:20 (-11)	<3.4		0 - 6.8
		Day 29	2020-08-04 08:30 (30)	<3.4		0 - 6.8
		Day 57	2020-09-08 09:41 (36)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-25 09:20 (-11)	0.21		0 - 0.8
		Unscheduled	2020-06-29 15:40 (-7)	0.25		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051087	Eosinophils (10^9/L)	Day 29	2020-08-04 08:30 (30)	0.23		0 - 0.8
		Day 57	2020-09-08 09:41 (36)	0.26		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-25 09:20 (-11)	3.5		0 - 7
		Unscheduled	2020-06-29 15:40 (-7)	3.0		0 - 7
		Day 29	2020-08-04 08:30 (30)	3.7		0 - 7
		Day 57	2020-09-08 09:41 (36)	3.4		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-25 09:20 (-11)	4.56		3.7 - 5.2
		Unscheduled	2020-06-29 15:40 (-7)	4.55		3.7 - 5.2
		Day 29	2020-08-04 08:30 (30)	4.29		3.7 - 5.2
		Day 57	2020-09-08 09:41 (36)	4.39		3.7 - 5.2
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-25 09:20 (-11)	59.8 (H)		1.7 - 21.5
	Hematocrit (L/L)	Screening	2020-06-25 09:20 (-11)	0.473 (H)		0.33 - 0.47

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051087	Hematocrit (L/L)	Unscheduled	2020-06-29 15:40 (-7)	0.465		0.33 - 0.47
		Day 29	2020-08-04 08:30 (30)	0.432		0.33 - 0.47
		Day 57	2020-09-08 09:41 (36)	0.445		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-25 09:20 (-11)	143		110 - 155
		Unscheduled	2020-06-29 15:40 (-7)	142		110 - 155
		Day 29	2020-08-04 08:30 (30)	136	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-09-08 09:41 (36)	139	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-25 09:20 (-11)	<0.03		0 - 0.07
		Unscheduled	2020-06-29 15:40 (-7)	0.03		0 - 0.07
		Day 29	2020-08-04 08:30 (30)	<0.03		0 - 0.07
		Day 57	2020-09-08 09:41 (36)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-25 09:20 (-11)	0.2		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051087	Immature Granulocytes/Leukocytes (%)	Unscheduled	2020-06-29 15:40 (-7)	0.4		0 - 1
		Day 29	2020-08-04 08:30 (30)	0.3		0 - 1
		Day 57	2020-09-08 09:41 (36)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-25 09:20 (-11)	6.05		3.7 - 11
		Unscheduled	2020-06-29 15:40 (-7)	8.23		3.7 - 11
		Day 29	2020-08-04 08:30 (30)	6.18		3.7 - 11
		Day 57	2020-09-08 09:41 (36)	7.57		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-25 09:20 (-11)	1.97		0.9 - 3.6
		Unscheduled	2020-06-29 15:40 (-7)	2.73		0.9 - 3.6
		Day 29	2020-08-04 08:30 (30)	2.01		0.9 - 3.6
		Day 57	2020-09-08 09:41 (36)	2.15		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-25 09:20 (-11)	32.6		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051087	Lymphocytes/Leukocytes (%)	Unscheduled	2020-06-29 15:40 (-7)	33.2		12 - 46
		Day 29	2020-08-04 08:30 (30)	32.5		12 - 46
		Day 57	2020-09-08 09:41 (36)	28.4		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-25 09:20 (-11)	0.47		0 - 1.2
		Unscheduled	2020-06-29 15:40 (-7)	0.57		0 - 1.2
		Day 29	2020-08-04 08:30 (30)	0.54		0 - 1.2
		Day 57	2020-09-08 09:41 (36)	0.64		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-25 09:20 (-11)	7.8		0 - 11
		Unscheduled	2020-06-29 15:40 (-7)	6.9		0 - 11
		Day 29	2020-08-04 08:30 (30)	8.7		0 - 11
		Day 57	2020-09-08 09:41 (36)	8.5		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-25 09:20 (-11)	3.38		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051087	Neutrophils (10^9/L)	Unscheduled	2020-06-29 15:40 (-7)	4.63		1.7 - 7.9
		Day 29	2020-08-04 08:30 (30)	3.36		1.7 - 7.9
		Day 57	2020-09-08 09:41 (36)	4.48		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-25 09:20 (-11)	55.7		34 - 71
		Unscheduled	2020-06-29 15:40 (-7)	56.3		34 - 71
		Day 29	2020-08-04 08:30 (30)	54.5		34 - 71
		Day 57	2020-09-08 09:41 (36)	59.1		34 - 71
	Platelets (10^9/L)	Screening	2020-06-25 09:20 (-11)	156 (L)		163 - 375
		Unscheduled	2020-06-29 15:40 (-7)	168		163 - 375
		Day 29	2020-08-04 08:30 (30)	169		163 - 375
		Day 57	2020-09-08 09:41 (36)	202		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-25 09:20 (-11)	0.9		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051087	Prothrombin Intl. Normalized Ratio	Day 29	2020-08-04 08:30 (30)	0.9		0.9 - 1.1
		Day 57	2020-09-08 09:41 (36)	0.8 (L)		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-25 09:20 (-11)	10.0		9.4 - 12.5
		Day 29	2020-08-04 08:30 (30)	10.8		9.4 - 12.5
		Day 57	2020-09-08 09:41 (36)	10.2		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-25 09:20 (-11)	5.00		1.78 - 7.14
		Day 29	2020-08-04 08:30 (30)	4.64		1.78 - 7.14
		Day 57	2020-09-08 09:41 (36)	5.35		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-25 09:20 (-11)	15.6		7.8 - 26.7
		Day 29	2020-08-04 08:30 (30)	16.2		7.8 - 26.7
		Day 57	2020-09-08 09:41 (36)	18.8		7.8 - 26.7
US2051089	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-25 11:26 (-7)	31.4		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051089	Activated Partial Thromboplastin Time (sec)	Day 29	2020-07-30 10:14 (29)	30.7		25.1 - 36.5
		Day 57	2020-08-28 09:01 (30)	30.9		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-25 11:26 (-7)	11		10 - 33
		Day 29	2020-07-30 10:14 (29)	15		10 - 33
		Day 57	2020-08-28 09:01 (30)	18		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-25 11:26 (-7)	76		30 - 115
		Day 29	2020-07-30 10:14 (29)	80		30 - 115
		Day 57	2020-08-28 09:01 (30)	71		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-25 11:26 (-7)	22		10 - 36
		Day 29	2020-07-30 10:14 (29)	20		10 - 36
		Day 57	2020-08-28 09:01 (30)	25		10 - 36
	Basophils (10^9/L)	Screening	2020-06-25 11:26 (-7)	0.03		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051089	Basophils (10^9/L)	Day 29	2020-07-30 10:14 (29)	0.04		0 - 0.3
		Day 57	2020-08-28 09:01 (30)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-25 11:26 (-7)	0.5		0 - 3
		Day 29	2020-07-30 10:14 (29)	0.8		0 - 3
		Day 57	2020-08-28 09:01 (30)	0.9		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-25 11:26 (-7)	9.1		- 18.8
		Day 29	2020-07-30 10:14 (29)	9.7		- 18.8
		Day 57	2020-08-28 09:01 (30)	7.5		- 18.8
	Creatinine (umol/L)	Screening	2020-06-25 11:26 (-7)	53 (L)		62 - 124
		Day 29	2020-07-30 10:14 (29)	53 (L)		62 - 124
		Day 57	2020-08-28 09:01 (30)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-25 11:26 (-7)	<3.4		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051089	Direct Bilirubin (umol/L)	Day 29	2020-07-30 10:14 (29)	<3.4		0 - 6.8
		Day 57	2020-08-28 09:01 (30)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-25 11:26 (-7)	0.17		0 - 0.8
		Day 29	2020-07-30 10:14 (29)	0.23		0 - 0.8
		Day 57	2020-08-28 09:01 (30)	0.22		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-25 11:26 (-7)	3.0		0 - 7
		Day 29	2020-07-30 10:14 (29)	4.4		0 - 7
		Day 57	2020-08-28 09:01 (30)	4.9		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-25 11:26 (-7)	4.49		3.7 - 5.2
		Day 29	2020-07-30 10:14 (29)	4.64		3.7 - 5.2
		Day 57	2020-08-28 09:01 (30)	4.61		3.7 - 5.2
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-25 11:26 (-7)	62.5 (H)		1.7 - 21.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051089	Hematocrit (L/L)	Screening	2020-06-25 11:26 (-7)	0.451		0.33 - 0.47
		Day 29	2020-07-30 10:14 (29)	0.467		0.33 - 0.47
		Day 57	2020-08-28 09:01 (30)	0.475 (H)		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-25 11:26 (-7)	141		110 - 155
		Day 29	2020-07-30 10:14 (29)	145		110 - 155
		Day 57	2020-08-28 09:01 (30)	145		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-25 11:26 (-7)	<0.03		0 - 0.07
		Day 29	2020-07-30 10:14 (29)	<0.03		0 - 0.07
		Day 57	2020-08-28 09:01 (30)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-25 11:26 (-7)	0.2		0 - 1
		Day 29	2020-07-30 10:14 (29)	0.2		0 - 1
		Day 57	2020-08-28 09:01 (30)	0.2		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051089	Leukocytes (10^9/L)	Screening	2020-06-25 11:26 (-7)	5.62		3.7 - 11
		Day 29	2020-07-30 10:14 (29)	5.25		3.7 - 11
		Day 57	2020-08-28 09:01 (30)	4.51		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-25 11:26 (-7)	1.96		0.9 - 3.6
		Day 29	2020-07-30 10:14 (29)	1.90		0.9 - 3.6
		Day 57	2020-08-28 09:01 (30)	1.96		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-25 11:26 (-7)	34.9		12 - 46
		Day 29	2020-07-30 10:14 (29)	36.2		12 - 46
		Day 57	2020-08-28 09:01 (30)	43.5		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-25 11:26 (-7)	0.50		0 - 1.2
		Day 29	2020-07-30 10:14 (29)	0.40		0 - 1.2
		Day 57	2020-08-28 09:01 (30)	0.35		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051089	Monocytes/Leukocytes (%)	Screening	2020-06-25 11:26 (-7)	8.9		0 - 11
		Day 29	2020-07-30 10:14 (29)	7.6		0 - 11
		Day 57	2020-08-28 09:01 (30)	7.8		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-25 11:26 (-7)	2.95		1.7 - 7.9
		Day 29	2020-07-30 10:14 (29)	2.67		1.7 - 7.9
		Day 57	2020-08-28 09:01 (30)	1.93	G1 Neutrophils Decreased	1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-25 11:26 (-7)	52.5		34 - 71
		Day 29	2020-07-30 10:14 (29)	50.8		34 - 71
		Day 57	2020-08-28 09:01 (30)	42.7		34 - 71
	Platelets (10^9/L)	Screening	2020-06-25 11:26 (-7)	289		163 - 375
		Day 29	2020-07-30 10:14 (29)	326		163 - 375
		Day 57	2020-08-28 09:01 (30)	317		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051089	Prothrombin Intl. Normalized Ratio	Screening	2020-06-25 11:26 (-7)	1.0		0.9 - 1.1
		Day 29	2020-07-30 10:14 (29)	1.0		0.9 - 1.1
		Day 57	2020-08-28 09:01 (30)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-25 11:26 (-7)	11.1		9.4 - 12.5
		Day 29	2020-07-30 10:14 (29)	12.3		9.4 - 12.5
		Day 57	2020-08-28 09:01 (30)	11.4		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-25 11:26 (-7)	3.21		1.78 - 7.14
		Day 29	2020-07-30 10:14 (29)	3.57		1.78 - 7.14
		Day 57	2020-08-28 09:01 (30)	3.93		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-25 11:26 (-7)	15.0		7.8 - 26.7
		Day 29	2020-07-30 10:14 (29)	16.7		7.8 - 26.7
		Day 57	2020-08-28 09:01 (30)	18.3		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051098	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-29 14:42 (-7)	33.1		25.1 - 36.5
		Day 29	2020-08-05 09:14 (31)	29.8		25.1 - 36.5
		Day 57	2020-09-08 10:27 (35)	30.8		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-29 14:42 (-7)	16		10 - 33
		Day 29	2020-08-05 09:14 (31)	17		10 - 33
		Day 57	2020-09-08 10:27 (35)	15		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-29 14:42 (-7)	63		30 - 115
		Day 29	2020-08-05 09:14 (31)	58		30 - 115
		Day 57	2020-09-08 10:27 (35)	58		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-29 14:42 (-7)	24		10 - 36
		Day 29	2020-08-05 09:14 (31)	29		10 - 36
		Day 57	2020-09-08 10:27 (35)	25		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051098	Basophils (10^9/L)	Screening	2020-06-29 14:42 (-7)	0.10		0 - 0.3
		Day 29	2020-08-05 09:14 (31)	0.09		0 - 0.3
		Day 57	2020-09-08 10:27 (35)	0.08		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-29 14:42 (-7)	1.9		0 - 3
		Day 29	2020-08-05 09:14 (31)	1.5		0 - 3
		Day 57	2020-09-08 10:27 (35)	1.4		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-29 14:42 (-7)	6.0		- 18.8
		Day 29	2020-08-05 09:14 (31)	9.2		- 18.8
		Day 57	2020-09-08 10:27 (35)	6.8		- 18.8
	Creatinine (umol/L)	Screening	2020-06-29 14:42 (-7)	71		62 - 124
		Day 29	2020-08-05 09:14 (31)	80		62 - 124
		Day 57	2020-09-08 10:27 (35)	71		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051098	Direct Bilirubin (umol/L)	Screening	2020-06-29 14:42 (-7)	<3.4		0 - 6.8
		Day 29	2020-08-05 09:14 (31)	<3.4		0 - 6.8
		Day 57	2020-09-08 10:27 (35)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-29 14:42 (-7)	0.23		0 - 0.8
		Day 29	2020-08-05 09:14 (31)	0.18		0 - 0.8
		Day 57	2020-09-08 10:27 (35)	0.27		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-29 14:42 (-7)	4.5		0 - 7
		Day 29	2020-08-05 09:14 (31)	3.1		0 - 7
		Day 57	2020-09-08 10:27 (35)	4.7		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-29 14:42 (-7)	4.38		3.7 - 5.2
		Day 29	2020-08-05 09:14 (31)	4.19		3.7 - 5.2
		Day 57	2020-09-08 10:27 (35)	4.28		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051098	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-29 14:42 (-7)	81.9 (H)		1.7 - 21.5
	Hematocrit (L/L)	Screening	2020-06-29 14:42 (-7)	0.441		0.33 - 0.47
		Day 29	2020-08-05 09:14 (31)	0.426		0.33 - 0.47
		Day 57	2020-09-08 10:27 (35)	0.424		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-29 14:42 (-7)	133		110 - 155
		Day 29	2020-08-05 09:14 (31)	129	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-09-08 10:27 (35)	130	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-29 14:42 (-7)	<0.03		0 - 0.07
		Day 29	2020-08-05 09:14 (31)	<0.03		0 - 0.07
		Day 57	2020-09-08 10:27 (35)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-29 14:42 (-7)	0.4		0 - 1
		Day 29	2020-08-05 09:14 (31)	0.2		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051098	Immature Granulocytes/Leukocytes (%)	Day 57	2020-09-08 10:27 (35)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-29 14:42 (-7)	5.15		3.7 - 11
		Day 29	2020-08-05 09:14 (31)	5.84		3.7 - 11
		Day 57	2020-09-08 10:27 (35)	5.73		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-29 14:42 (-7)	1.82		0.9 - 3.6
		Day 29	2020-08-05 09:14 (31)	1.51		0.9 - 3.6
		Day 57	2020-09-08 10:27 (35)	1.67		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-29 14:42 (-7)	35.3		12 - 46
		Day 29	2020-08-05 09:14 (31)	25.9		12 - 46
		Day 57	2020-09-08 10:27 (35)	29.1		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-29 14:42 (-7)	0.35		0 - 1.2
		Day 29	2020-08-05 09:14 (31)	0.56		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051098	Monocytes (10^9/L)	Day 57	2020-09-08 10:27 (35)	0.49		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-29 14:42 (-7)	6.8		0 - 11
		Day 29	2020-08-05 09:14 (31)	9.6		0 - 11
		Day 57	2020-09-08 10:27 (35)	8.6		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-29 14:42 (-7)	2.63		1.7 - 7.9
		Day 29	2020-08-05 09:14 (31)	3.49		1.7 - 7.9
		Day 57	2020-09-08 10:27 (35)	3.21		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-29 14:42 (-7)	51.1		34 - 71
		Day 29	2020-08-05 09:14 (31)	59.7		34 - 71
		Day 57	2020-09-08 10:27 (35)	56.0		34 - 71
	Platelets (10^9/L)	Screening	2020-06-29 14:42 (-7)	311		163 - 375
		Day 29	2020-08-05 09:14 (31)	343		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051098	Platelets (10^9/L)	Day 57	2020-09-08 10:27 (35)	344		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-29 14:42 (-7)	0.9		0.9 - 1.1
		Day 29	2020-08-05 09:14 (31)	1.0		0.9 - 1.1
		Day 57	2020-09-08 10:27 (35)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-29 14:42 (-7)	10.4		9.4 - 12.5
		Day 29	2020-08-05 09:14 (31)	11.8		9.4 - 12.5
		Day 57	2020-09-08 10:27 (35)	11.0		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-29 14:42 (-7)	3.21		1.78 - 7.14
		Day 29	2020-08-05 09:14 (31)	5.00		1.78 - 7.14
		Day 57	2020-09-08 10:27 (35)	5.35		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-29 14:42 (-7)	11.2		7.8 - 26.7
		Day 29	2020-08-05 09:14 (31)	15.6		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051098	Urea Nitrogen/Creatinine	Day 57	2020-09-08 10:27 (35)	18.8		7.8 - 26.7
US2051112	Activated Partial Thromboplastin Time (sec)	Screening	2020-07-01 13:42 (-5)	35.2		25.1 - 36.5
		Day 29	2020-08-03 11:54 (29)	29.6		25.1 - 36.5
		Day 57	2020-08-31 14:02 (29)	29.2		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-07-01 13:42 (-5)	10		10 - 33
		Day 29	2020-08-03 11:54 (29)	9 (L)		10 - 33
		Day 57	2020-08-31 14:02 (29)	11		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-07-01 13:42 (-5)	40		30 - 115
		Day 29	2020-08-03 11:54 (29)	39		30 - 115
		Day 57	2020-08-31 14:02 (29)	37		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-07-01 13:42 (-5)	19		10 - 36
		Day 29	2020-08-03 11:54 (29)	15		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051112	Aspartate Aminotransferase (U/L)	Day 57	2020-08-31 14:02 (29)	15		10 - 36
	Basophils (10^9/L)	Screening	2020-07-01 13:42 (-5)	<0.03		0 - 0.3
		Day 29	2020-08-03 11:54 (29)	<0.03		0 - 0.3
		Day 57	2020-08-31 14:02 (29)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-07-01 13:42 (-5)	0.5		0 - 3
		Day 29	2020-08-03 11:54 (29)	0.5		0 - 3
		Day 57	2020-08-31 14:02 (29)	0.8		0 - 3
	Bilirubin (umol/L)	Screening	2020-07-01 13:42 (-5)	5.5		- 18.8
		Day 29	2020-08-03 11:54 (29)	5.0		- 18.8
		Day 57	2020-08-31 14:02 (29)	5.3		- 18.8
	Creatinine (umol/L)	Screening	2020-07-01 13:42 (-5)	62		62 - 124
		Day 29	2020-08-03 11:54 (29)	62		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051112	Creatinine (umol/L)	Day 57	2020-08-31 14:02 (29)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-07-01 13:42 (-5)	<3.4		0 - 6.8
		Day 29	2020-08-03 11:54 (29)	<3.4		0 - 6.8
		Day 57	2020-08-31 14:02 (29)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-07-01 13:42 (-5)	0.13		0 - 0.8
		Day 29	2020-08-03 11:54 (29)	0.10		0 - 0.8
		Day 57	2020-08-31 14:02 (29)	0.13		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-07-01 13:42 (-5)	3.1		0 - 7
		Day 29	2020-08-03 11:54 (29)	2.3		0 - 7
		Day 57	2020-08-31 14:02 (29)	3.6		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-07-01 13:42 (-5)	4.32		3.7 - 5.2
		Day 29	2020-08-03 11:54 (29)	4.23		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051112	Erythrocytes (10^12/L)	Day 57	2020-08-31 14:02 (29)	4.48		3.7 - 5.2
	Follicle Stimulating Hormone (IU/L)	Screening	2020-07-01 13:42 (-5)	90.9 (H)		1.7 - 21.5
	Hematocrit (L/L)	Screening	2020-07-01 13:42 (-5)	0.393		0.33 - 0.47
		Day 29	2020-08-03 11:54 (29)	0.384		0.33 - 0.47
		Day 57	2020-08-31 14:02 (29)	0.406		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-07-01 13:42 (-5)	123		110 - 155
		Day 29	2020-08-03 11:54 (29)	120	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-31 14:02 (29)	125		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-07-01 13:42 (-5)	<0.03		0 - 0.07
		Day 29	2020-08-03 11:54 (29)	<0.03		0 - 0.07
		Day 57	2020-08-31 14:02 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-07-01 13:42 (-5)	0.2		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051112	Immature Granulocytes/Leukocytes (%)	Day 29	2020-08-03 11:54 (29)	0.2		0 - 1
		Day 57	2020-08-31 14:02 (29)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-07-01 13:42 (-5)	4.20		3.7 - 11
		Day 29	2020-08-03 11:54 (29)	4.30		3.7 - 11
		Day 57	2020-08-31 14:02 (29)	3.58 (L)		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-07-01 13:42 (-5)	0.98	G1 Lymphocytes Decreased	0.9 - 3.6
		Day 29	2020-08-03 11:54 (29)	0.89 (L)	G1 Lymphocytes Decreased	0.9 - 3.6
		Day 57	2020-08-31 14:02 (29)	1.07		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-07-01 13:42 (-5)	23.3		12 - 46
		Day 29	2020-08-03 11:54 (29)	20.7		12 - 46
		Day 57	2020-08-31 14:02 (29)	29.9		12 - 46
	Monocytes (10^9/L)	Screening	2020-07-01 13:42 (-5)	0.48		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051112	Monocytes (10^9/L)	Day 29	2020-08-03 11:54 (29)	0.37		0 - 1.2
		Day 57	2020-08-31 14:02 (29)	0.48		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-07-01 13:42 (-5)	11.4 (H)		0 - 11
		Day 29	2020-08-03 11:54 (29)	8.6		0 - 11
		Day 57	2020-08-31 14:02 (29)	13.4 (H)		0 - 11
	Neutrophils (10^9/L)	Screening	2020-07-01 13:42 (-5)	2.58		1.7 - 7.9
		Day 29	2020-08-03 11:54 (29)	2.91		1.7 - 7.9
		Day 57	2020-08-31 14:02 (29)	1.86	G1 Neutrophils Decreased	1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-07-01 13:42 (-5)	61.5		34 - 71
		Day 29	2020-08-03 11:54 (29)	67.7		34 - 71
		Day 57	2020-08-31 14:02 (29)	52.0		34 - 71
	Platelets (10^9/L)	Screening	2020-07-01 13:42 (-5)	223		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051112	Platelets (10^9/L)	Day 29	2020-08-03 11:54 (29)	235		163 - 375
		Day 57	2020-08-31 14:02 (29)	247		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-07-01 13:42 (-5)	1.0		0.9 - 1.1
		Day 29	2020-08-03 11:54 (29)	1.0		0.9 - 1.1
		Day 57	2020-08-31 14:02 (29)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-07-01 13:42 (-5)	12.0		9.4 - 12.5
		Day 29	2020-08-03 11:54 (29)	12.0		9.4 - 12.5
		Day 57	2020-08-31 14:02 (29)	12.3		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-07-01 13:42 (-5)	2.86		1.78 - 7.14
		Day 29	2020-08-03 11:54 (29)	5.71		1.78 - 7.14
		Day 57	2020-08-31 14:02 (29)	5.35		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-07-01 13:42 (-5)	11.4		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051112	Urea Nitrogen/Creatinine	Day 29	2020-08-03 11:54 (29)	22.9		7.8 - 26.7
		Day 57	2020-08-31 14:02 (29)	18.8		7.8 - 26.7
US2061035	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-09 10:14 (-17)	30.4		25.1 - 36.5
		Day 29	2020-07-20 09:20 (25)	32.8		25.1 - 36.5
		Day 57	2020-08-18 09:19 (30)	28.4		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-09 10:14 (-17)	13		10 - 40
		Day 29	2020-07-20 09:20 (25)	9 (L)		10 - 40
		Day 57	2020-08-18 09:19 (30)	16		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-09 10:14 (-17)	95		43 - 115
		Day 29	2020-07-20 09:20 (25)	92		43 - 115
		Day 57	2020-08-18 09:19 (30)	96		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-09 10:14 (-17)	19		10 - 43

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061035	Aspartate Aminotransferase (U/L)	Day 29	2020-07-20 09:20 (25)	16		10 - 43
		Day 57	2020-08-18 09:19 (30)	19		10 - 43
	Basophils (10^9/L)	Screening	2020-06-09 10:14 (-17)	0.06		0 - 0.3
		Day 29	2020-07-20 09:20 (25)	0.05		0 - 0.3
		Day 57	2020-08-18 09:19 (30)	0.07		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-09 10:14 (-17)	0.8		0 - 3
		Day 29	2020-07-20 09:20 (25)	0.7		0 - 3
		Day 57	2020-08-18 09:19 (30)	0.8		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-09 10:14 (-17)	3.8		- 18.8
		Day 29	2020-07-20 09:20 (25)	6.0		- 18.8
		Day 57	2020-08-18 09:19 (30)	7.4		- 18.8
	Creatinine (umol/L)	Screening	2020-06-09 10:14 (-17)	80		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061035	Creatinine (umol/L)	Day 29	2020-07-20 09:20 (25)	80		62 - 124
		Day 57	2020-08-18 09:19 (30)	88		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-09 10:14 (-17)	<3.4		0 - 6.8
		Day 29	2020-07-20 09:20 (25)	<3.4		0 - 6.8
		Day 57	2020-08-18 09:19 (30)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-09 10:14 (-17)	0.10		0 - 0.8
		Day 29	2020-07-20 09:20 (25)	0.12		0 - 0.8
		Day 57	2020-08-18 09:19 (30)	0.17		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-09 10:14 (-17)	1.3		0 - 7
		Day 29	2020-07-20 09:20 (25)	1.6		0 - 7
		Day 57	2020-08-18 09:19 (30)	2.1		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-09 10:14 (-17)	4.94		4.63 - 6.08

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061035	Erythrocytes (10^12/L)	Day 29	2020-07-20 09:20 (25)	4.83		4.63 - 6.08
		Day 57	2020-08-18 09:19 (30)	5.05		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-09 10:14 (-17)	0.467		0.37 - 0.51
		Day 29	2020-07-20 09:20 (25)	0.466		0.37 - 0.51
		Day 57	2020-08-18 09:19 (30)	0.483		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-09 10:14 (-17)	145		125 - 170
		Day 29	2020-07-20 09:20 (25)	143	G1 Hemoglobin Decreased	125 - 170
		Day 57	2020-08-18 09:19 (30)	152		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-09 10:14 (-17)	<0.03		0 - 0.07
		Day 29	2020-07-20 09:20 (25)	<0.03		0 - 0.07
		Day 57	2020-08-18 09:19 (30)	0.04		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-09 10:14 (-17)	0.1		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061035	Immature Granulocytes/Leukocytes (%)	Day 29	2020-07-20 09:20 (25)	0.1		0 - 1
		Day 57	2020-08-18 09:19 (30)	0.5		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-09 10:14 (-17)	7.60		3.7 - 11
		Day 29	2020-07-20 09:20 (25)	7.68		3.7 - 11
		Day 57	2020-08-18 09:19 (30)	8.25		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-09 10:14 (-17)	1.54		0.9 - 3.6
		Day 29	2020-07-20 09:20 (25)	1.34		0.9 - 3.6
		Day 57	2020-08-18 09:19 (30)	1.53		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-09 10:14 (-17)	20.3		12 - 46
		Day 29	2020-07-20 09:20 (25)	17.4		12 - 46
		Day 57	2020-08-18 09:19 (30)	18.5		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-09 10:14 (-17)	0.52		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061035	Monocytes (10^9/L)	Day 29	2020-07-20 09:20 (25)	0.45		0 - 1.2
		Day 57	2020-08-18 09:19 (30)	0.62		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-09 10:14 (-17)	6.8		0 - 11
		Day 29	2020-07-20 09:20 (25)	5.9		0 - 11
		Day 57	2020-08-18 09:19 (30)	7.5		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-09 10:14 (-17)	5.37		1.7 - 7.9
		Day 29	2020-07-20 09:20 (25)	5.71		1.7 - 7.9
		Day 57	2020-08-18 09:19 (30)	5.82		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-09 10:14 (-17)	70.7		34 - 71
		Day 29	2020-07-20 09:20 (25)	74.3 (H)		34 - 71
		Day 57	2020-08-18 09:19 (30)	70.6		34 - 71
	Platelets (10^9/L)	Screening	2020-06-09 10:14 (-17)	180		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061035	Platelets (10^9/L)	Day 29	2020-07-20 09:20 (25)	187		163 - 375
		Day 57	2020-08-18 09:19 (30)	201		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-09 10:14 (-17)	1.0		0.9 - 1.1
		Day 29	2020-07-20 09:20 (25)	1.2 (H)		0.9 - 1.1
		Day 57	2020-08-18 09:19 (30)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-09 10:14 (-17)	12.0		9.4 - 12.5
		Day 29	2020-07-20 09:20 (25)	13.6 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
		Day 57	2020-08-18 09:19 (30)	12.4		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-09 10:14 (-17)	5.35		1.78 - 7.14
		Day 29	2020-07-20 09:20 (25)	4.28		1.78 - 7.14
		Day 57	2020-08-18 09:19 (30)	5.35		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-09 10:14 (-17)	16.7		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061035	Urea Nitrogen/Creatinine	Day 29	2020-07-20 09:20 (25)	13.3		7.8 - 26.7
		Day 57	2020-08-18 09:19 (30)	15.0		7.8 - 26.7
US2061043	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-10 13:48 (-19)	34.8		25.1 - 36.5
		Day 29	2020-07-27 13:35 (29)	31.4		25.1 - 36.5
		Day 57	2020-08-21 10:47 (26)	33.3		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-10 13:48 (-19)	31		10 - 33
		Day 29	2020-07-27 13:35 (29)	22		10 - 33
		Day 57	2020-08-21 10:47 (26)	35 (H)		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-10 13:48 (-19)	93		30 - 115
		Day 29	2020-07-27 13:35 (29)	88		30 - 115
		Day 57	2020-08-21 10:47 (26)	96		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-10 13:48 (-19)	35		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061043	Aspartate Aminotransferase (U/L)	Day 29	2020-07-27 13:35 (29)	26		10 - 36
		Day 57	2020-08-21 10:47 (26)	43 (H)	G1 Aspartate Aminotransferase Increased	10 - 36
	Basophils (10^9/L)	Screening	2020-06-10 13:48 (-19)	0.03		0 - 0.3
		Day 29	2020-07-27 13:35 (29)	0.05		0 - 0.3
		Day 57	2020-08-21 10:47 (26)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-10 13:48 (-19)	0.5		0 - 3
		Day 29	2020-07-27 13:35 (29)	0.8		0 - 3
		Day 57	2020-08-21 10:47 (26)	0.5		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-10 13:48 (-19)	6.2		- 18.8
		Day 29	2020-07-27 13:35 (29)	4.3		- 18.8
		Day 57	2020-08-21 10:47 (26)	10.3		- 18.8
	Creatinine (umol/L)	Screening	2020-06-10 13:48 (-19)	53 (L)		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061043	Creatinine (umol/L)	Day 29	2020-07-27 13:35 (29)	53 (L)		62 - 124
		Day 57	2020-08-21 10:47 (26)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-10 13:48 (-19)	<3.4		0 - 6.8
		Day 29	2020-07-27 13:35 (29)	<3.4		0 - 6.8
		Day 57	2020-08-21 10:47 (26)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-10 13:48 (-19)	0.15		0 - 0.8
		Day 29	2020-07-27 13:35 (29)	0.17		0 - 0.8
		Day 57	2020-08-21 10:47 (26)	0.13		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-10 13:48 (-19)	2.6		0 - 7
		Day 29	2020-07-27 13:35 (29)	2.8		0 - 7
		Day 57	2020-08-21 10:47 (26)	2.9		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-10 13:48 (-19)	4.75		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061043	Erythrocytes (10^12/L)	Day 29	2020-07-27 13:35 (29)	4.56		3.7 - 5.2
		Day 57	2020-08-21 10:47 (26)	4.78		3.7 - 5.2
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-10 13:48 (-19)	51.9 (H)		1.7 - 21.5
	Hematocrit (L/L)	Screening	2020-06-10 13:48 (-19)	0.465		0.33 - 0.47
		Day 29	2020-07-27 13:35 (29)	0.457		0.33 - 0.47
		Day 57	2020-08-21 10:47 (26)	0.488 (H)		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-10 13:48 (-19)	154		110 - 155
		Day 29	2020-07-27 13:35 (29)	147	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-21 10:47 (26)	153	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-10 13:48 (-19)	<0.03		0 - 0.07
		Day 29	2020-07-27 13:35 (29)	<0.03		0 - 0.07
		Day 57	2020-08-21 10:47 (26)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061043	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-10 13:48 (-19)	0.3		0 - 1
		Day 29	2020-07-27 13:35 (29)	0.3		0 - 1
		Day 57	2020-08-21 10:47 (26)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-10 13:48 (-19)	5.88		3.7 - 11
		Day 29	2020-07-27 13:35 (29)	6.15		3.7 - 11
		Day 57	2020-08-21 10:47 (26)	4.42		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-10 13:48 (-19)	1.85		0.9 - 3.6
		Day 29	2020-07-27 13:35 (29)	1.82		0.9 - 3.6
		Day 57	2020-08-21 10:47 (26)	1.30		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-10 13:48 (-19)	31.5		12 - 46
		Day 29	2020-07-27 13:35 (29)	29.6		12 - 46
		Day 57	2020-08-21 10:47 (26)	29.4		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061043	Monocytes (10^9/L)	Screening	2020-06-10 13:48 (-19)	0.47		0 - 1.2
		Day 29	2020-07-27 13:35 (29)	0.56		0 - 1.2
		Day 57	2020-08-21 10:47 (26)	0.43		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-10 13:48 (-19)	8.0		0 - 11
		Day 29	2020-07-27 13:35 (29)	9.1		0 - 11
		Day 57	2020-08-21 10:47 (26)	9.7		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-10 13:48 (-19)	3.36		1.7 - 7.9
		Day 29	2020-07-27 13:35 (29)	3.53		1.7 - 7.9
		Day 57	2020-08-21 10:47 (26)	2.53		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-10 13:48 (-19)	57.1		34 - 71
		Day 29	2020-07-27 13:35 (29)	57.4		34 - 71
		Day 57	2020-08-21 10:47 (26)	57.3		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061043	Platelets (10^9/L)	Screening	2020-06-10 13:48 (-19)	276		163 - 375
		Day 29	2020-07-27 13:35 (29)	321		163 - 375
		Day 57	2020-08-21 10:47 (26)	263		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-10 13:48 (-19)	1.0		0.9 - 1.1
		Day 29	2020-07-27 13:35 (29)	0.9		0.9 - 1.1
		Day 57	2020-08-21 10:47 (26)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-10 13:48 (-19)	11.5		9.4 - 12.5
		Day 29	2020-07-27 13:35 (29)	11.2		9.4 - 12.5
		Day 57	2020-08-21 10:47 (26)	11.6		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-10 13:48 (-19)	5.71		1.78 - 7.14
		Day 29	2020-07-27 13:35 (29)	5.71		1.78 - 7.14
		Day 57	2020-08-21 10:47 (26)	3.93		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061043	Urea Nitrogen/Creatinine	Screening	2020-06-10 13:48 (-19)	26.7		7.8 - 26.7
		Day 29	2020-07-27 13:35 (29)	26.7		7.8 - 26.7
		Day 57	2020-08-21 10:47 (26)	18.3		7.8 - 26.7
US2061046	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-11 10:47 (-18)	31.3		25.1 - 36.5
		Day 29	2020-07-27 08:28 (29)	28.3		25.1 - 36.5
		Day 57	2020-08-24 08:30 (29)	35.3		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-11 10:47 (-18)	14		10 - 33
		Day 29	2020-07-27 08:28 (29)	11		10 - 33
		Day 57	2020-08-24 08:30 (29)	13		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-11 10:47 (-18)	77		30 - 115
		Day 29	2020-07-27 08:28 (29)	70		30 - 115
		Day 57	2020-08-24 08:30 (29)	70		30 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061046	Aspartate Aminotransferase (U/L)	Screening	2020-06-11 10:47 (-18)	16		10 - 36
		Day 29	2020-07-27 08:28 (29)	15		10 - 36
		Day 57	2020-08-24 08:30 (29)	13		10 - 36
	Basophils (10^9/L)	Screening	2020-06-11 10:47 (-18)	<0.03		0 - 0.3
		Day 29	2020-07-27 08:28 (29)	<0.03		0 - 0.3
		Day 57	2020-08-24 08:30 (29)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-11 10:47 (-18)	0.3		0 - 3
		Day 29	2020-07-27 08:28 (29)	0.5		0 - 3
		Day 57	2020-08-24 08:30 (29)	0.5		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-11 10:47 (-18)	3.9		- 18.8
		Day 29	2020-07-27 08:28 (29)	2.6		- 18.8
		Day 57	2020-08-24 08:30 (29)	3.6		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061046	Creatinine (umol/L)	Screening	2020-06-11 10:47 (-18)	53 (L)		62 - 124
		Day 29	2020-07-27 08:28 (29)	53 (L)		62 - 124
		Day 57	2020-08-24 08:30 (29)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-11 10:47 (-18)	<3.4		0 - 6.8
		Day 29	2020-07-27 08:28 (29)	<3.4		0 - 6.8
		Day 57	2020-08-24 08:30 (29)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-11 10:47 (-18)	0.05		0 - 0.8
		Day 29	2020-07-27 08:28 (29)	0.06		0 - 0.8
		Day 57	2020-08-24 08:30 (29)	0.06		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-11 10:47 (-18)	0.8		0 - 7
		Day 29	2020-07-27 08:28 (29)	1.4		0 - 7
		Day 57	2020-08-24 08:30 (29)	1.5		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061046	Erythrocytes (10^12/L)	Screening	2020-06-11 10:47 (-18)	3.94		3.7 - 5.2
		Day 29	2020-07-27 08:28 (29)	4.15		3.7 - 5.2
		Day 57	2020-08-24 08:30 (29)	4.01		3.7 - 5.2
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-11 10:47 (-18)	63.9 (H)		1.7 - 21.5
	Hematocrit (L/L)	Screening	2020-06-11 10:47 (-18)	0.417		0.33 - 0.47
		Day 29	2020-07-27 08:28 (29)	0.431		0.33 - 0.47
		Day 57	2020-08-24 08:30 (29)	0.405		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-11 10:47 (-18)	126		110 - 155
		Day 29	2020-07-27 08:28 (29)	131		110 - 155
		Day 57	2020-08-24 08:30 (29)	125	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-11 10:47 (-18)	<0.03		0 - 0.07
		Day 29	2020-07-27 08:28 (29)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061046	Immature Granulocytes (10^9/L)	Day 57	2020-08-24 08:30 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-11 10:47 (-18)	0.3		0 - 1
		Day 29	2020-07-27 08:28 (29)	0.2		0 - 1
		Day 57	2020-08-24 08:30 (29)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-11 10:47 (-18)	6.63		3.7 - 11
		Day 29	2020-07-27 08:28 (29)	4.26		3.7 - 11
		Day 57	2020-08-24 08:30 (29)	3.95		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-11 10:47 (-18)	1.71		0.9 - 3.6
		Day 29	2020-07-27 08:28 (29)	1.85		0.9 - 3.6
		Day 57	2020-08-24 08:30 (29)	1.42		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-11 10:47 (-18)	25.8		12 - 46
		Day 29	2020-07-27 08:28 (29)	43.4		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061046	Lymphocytes/Leukocytes (%)	Day 57	2020-08-24 08:30 (29)	35.9		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-11 10:47 (-18)	0.44		0 - 1.2
		Day 29	2020-07-27 08:28 (29)	0.39		0 - 1.2
		Day 57	2020-08-24 08:30 (29)	0.38		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-11 10:47 (-18)	6.6		0 - 11
		Day 29	2020-07-27 08:28 (29)	9.2		0 - 11
		Day 57	2020-08-24 08:30 (29)	9.6		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-11 10:47 (-18)	4.39		1.7 - 7.9
		Day 29	2020-07-27 08:28 (29)	1.93	G1 Neutrophils Decreased	1.7 - 7.9
		Day 57	2020-08-24 08:30 (29)	2.06		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-11 10:47 (-18)	66.2		34 - 71
		Day 29	2020-07-27 08:28 (29)	45.3		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061046	Neutrophils/Leukocytes (%)	Day 57	2020-08-24 08:30 (29)	52.2		34 - 71
	Platelets (10^9/L)	Screening	2020-06-11 10:47 (-18)	293		163 - 375
		Day 29	2020-07-27 08:28 (29)	267		163 - 375
		Day 57	2020-08-24 08:30 (29)	281		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-11 10:47 (-18)	0.9		0.9 - 1.1
		Day 29	2020-07-27 08:28 (29)	0.9		0.9 - 1.1
		Day 57	2020-08-24 08:30 (29)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-11 10:47 (-18)	11.0		9.4 - 12.5
		Day 29	2020-07-27 08:28 (29)	11.1		9.4 - 12.5
		Day 57	2020-08-24 08:30 (29)	12.3		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-11 10:47 (-18)	3.93		1.78 - 7.14
		Day 29	2020-07-27 08:28 (29)	3.93		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061046	Urea Nitrogen (mmol/L)	Day 57	2020-08-24 08:30 (29)	3.93		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-11 10:47 (-18)	18.3		7.8 - 26.7
		Day 29	2020-07-27 08:28 (29)	18.3		7.8 - 26.7
		Day 57	2020-08-24 08:30 (29)	13.8		7.8 - 26.7
US2061051	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-15 11:10 (-15)	32.5		25.1 - 36.5
		Day 29	2020-07-30 15:22 (31)	30.7		25.1 - 36.5
		Day 57	2020-08-24 08:27 (26)	35.7		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-15 11:10 (-15)	12		10 - 33
		Day 29	2020-07-30 15:22 (31)	13		10 - 33
		Day 57	2020-08-24 08:27 (26)	17		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-15 11:10 (-15)	49		30 - 115
		Day 29	2020-07-30 15:22 (31)	49		30 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061051	Alkaline Phosphatase (U/L)	Day 57	2020-08-24 08:27 (26)	46		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-15 11:10 (-15)	21		10 - 36
		Day 29	2020-07-30 15:22 (31)	21		10 - 36
		Day 57	2020-08-24 08:27 (26)	23		10 - 36
	Basophils (10^9/L)	Screening	2020-06-15 11:10 (-15)	0.05		0 - 0.3
		Day 29	2020-07-30 15:22 (31)	0.03		0 - 0.3
		Day 57	2020-08-24 08:27 (26)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-15 11:10 (-15)	0.8		0 - 3
		Day 29	2020-07-30 15:22 (31)	0.6		0 - 3
		Day 57	2020-08-24 08:27 (26)	0.6		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-15 11:10 (-15)	3.6		- 18.8
		Day 29	2020-07-30 15:22 (31)	4.4		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061051	Bilirubin (umol/L)	Day 57	2020-08-24 08:27 (26)	4.3		- 18.8
	Creatinine (umol/L)	Screening	2020-06-15 11:10 (-15)	44 (L)		62 - 124
		Day 29	2020-07-30 15:22 (31)	53 (L)		62 - 124
		Day 57	2020-08-24 08:27 (26)	44 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-15 11:10 (-15)	<3.4		0 - 6.8
		Day 29	2020-07-30 15:22 (31)	<3.4		0 - 6.8
		Day 57	2020-08-24 08:27 (26)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-15 11:10 (-15)	0.19		0 - 0.8
		Day 29	2020-07-30 15:22 (31)	0.16		0 - 0.8
		Day 57	2020-08-24 08:27 (26)	0.18		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-15 11:10 (-15)	3.0		0 - 7
		Day 29	2020-07-30 15:22 (31)	3.0		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061051	Eosinophils/Leukocytes (%)	Day 57	2020-08-24 08:27 (26)	3.8		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-15 11:10 (-15)	3.91		3.7 - 5.2
		Day 29	2020-07-30 15:22 (31)	3.73		3.7 - 5.2
		Day 57	2020-08-24 08:27 (26)	3.71		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-15 11:10 (-15)	0.420		0.33 - 0.47
		Day 29	2020-07-30 15:22 (31)	0.388		0.33 - 0.47
		Day 57	2020-08-24 08:27 (26)	0.396		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-15 11:10 (-15)	135		110 - 155
		Day 29	2020-07-30 15:22 (31)	128	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-24 08:27 (26)	127	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-15 11:10 (-15)	<0.03		0 - 0.07
		Day 29	2020-07-30 15:22 (31)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061051	Immature Granulocytes (10^9/L)	Day 57	2020-08-24 08:27 (26)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-15 11:10 (-15)	0.2		0 - 1
		Day 29	2020-07-30 15:22 (31)	0.2		0 - 1
		Day 57	2020-08-24 08:27 (26)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-15 11:10 (-15)	6.23		3.7 - 11
		Day 29	2020-07-30 15:22 (31)	5.41		3.7 - 11
		Day 57	2020-08-24 08:27 (26)	4.72		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-15 11:10 (-15)	1.63		0.9 - 3.6
		Day 29	2020-07-30 15:22 (31)	2.07		0.9 - 3.6
		Day 57	2020-08-24 08:27 (26)	1.52		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-15 11:10 (-15)	26.2		12 - 46
		Day 29	2020-07-30 15:22 (31)	38.3		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061051	Lymphocytes/Leukocytes (%)	Day 57	2020-08-24 08:27 (26)	32.2		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-15 11:10 (-15)	0.57		0 - 1.2
		Day 29	2020-07-30 15:22 (31)	0.55		0 - 1.2
		Day 57	2020-08-24 08:27 (26)	0.43		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-15 11:10 (-15)	9.1		0 - 11
		Day 29	2020-07-30 15:22 (31)	10.2		0 - 11
		Day 57	2020-08-24 08:27 (26)	9.1		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-15 11:10 (-15)	3.78		1.7 - 7.9
		Day 29	2020-07-30 15:22 (31)	2.59		1.7 - 7.9
		Day 57	2020-08-24 08:27 (26)	2.55		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-15 11:10 (-15)	60.7		34 - 71
		Day 29	2020-07-30 15:22 (31)	47.7		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061051	Neutrophils/Leukocytes (%)	Day 57	2020-08-24 08:27 (26)	54.1		34 - 71
	Platelets (10^9/L)	Screening	2020-06-15 11:10 (-15)	176		163 - 375
		Day 29	2020-07-30 15:22 (31)	197		163 - 375
		Day 57	2020-08-24 08:27 (26)	184		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-15 11:10 (-15)	0.9		0.9 - 1.1
		Day 29	2020-07-30 15:22 (31)	0.9		0.9 - 1.1
		Day 57	2020-08-24 08:27 (26)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-15 11:10 (-15)	10.2		9.4 - 12.5
		Day 29	2020-07-30 15:22 (31)	10.4		9.4 - 12.5
		Day 57	2020-08-24 08:27 (26)	10.7		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-15 11:10 (-15)	6.78		1.78 - 7.14
		Day 29	2020-07-30 15:22 (31)	4.64		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061051	Urea Nitrogen (mmol/L)	Day 57	2020-08-24 08:27 (26)	5.00		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-15 11:10 (-15)	38.0 (H)		7.8 - 26.7
		Day 29	2020-07-30 15:22 (31)	21.7		7.8 - 26.7
		Day 57	2020-08-24 08:27 (26)	28.0 (H)		7.8 - 26.7
US2061055	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-16 11:22 (-14)	28.9		25.1 - 36.5
		Day 29	2020-07-28 08:30 (29)	26.4		25.1 - 36.5
		Day 57	2020-08-24 09:30 (28)	38.3 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-16 11:22 (-14)	21		10 - 33
		Day 29	2020-07-28 08:30 (29)	25		10 - 33
		Day 57	2020-08-24 09:30 (28)	17		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-16 11:22 (-14)	70		30 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061055	Alkaline Phosphatase (U/L)	Day 29	2020-07-28 08:30 (29)	61		30 - 115
		Day 57	2020-08-24 09:30 (28)	69		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-16 11:22 (-14)	19		10 - 36
		Day 29	2020-07-28 08:30 (29)	20		10 - 36
		Day 57	2020-08-24 09:30 (28)	17		10 - 36
	Basophils (10^9/L)	Screening	2020-06-16 11:22 (-14)	0.08		0 - 0.3
		Day 29	2020-07-28 08:30 (29)	0.06		0 - 0.3
		Day 57	2020-08-24 09:30 (28)	0.08		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-16 11:22 (-14)	1.3		0 - 3
		Day 29	2020-07-28 08:30 (29)	1.3		0 - 3
		Day 57	2020-08-24 09:30 (28)	1.2		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-16 11:22 (-14)	7.2		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061055	Bilirubin (umol/L)	Day 29	2020-07-28 08:30 (29)	6.5		- 18.8
		Day 57	2020-08-24 09:30 (28)	8.9		- 18.8
	Creatinine (umol/L)	Screening	2020-06-16 11:22 (-14)	71		62 - 124
		Day 29	2020-07-28 08:30 (29)	71		62 - 124
		Day 57	2020-08-24 09:30 (28)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-16 11:22 (-14)	<3.4		0 - 6.8
		Day 29	2020-07-28 08:30 (29)	<3.4		0 - 6.8
		Day 57	2020-08-24 09:30 (28)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-16 11:22 (-14)	0.12		0 - 0.8
		Day 29	2020-07-28 08:30 (29)	0.20		0 - 0.8
		Day 57	2020-08-24 09:30 (28)	0.11		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-16 11:22 (-14)	2.0		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061055	Eosinophils/Leukocytes (%)	Day 29	2020-07-28 08:30 (29)	4.3		0 - 7
		Day 57	2020-08-24 09:30 (28)	1.7		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-16 11:22 (-14)	4.72		3.7 - 5.2
		Day 29	2020-07-28 08:30 (29)	4.68		3.7 - 5.2
		Day 57	2020-08-24 09:30 (28)	4.69		3.7 - 5.2
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-16 11:22 (-14)	84.6 (H)		1.7 - 21.5
	Hematocrit (L/L)	Screening	2020-06-16 11:22 (-14)	0.485 (H)		0.33 - 0.47
		Day 29	2020-07-28 08:30 (29)	0.492 (H)		0.33 - 0.47
		Day 57	2020-08-24 09:30 (28)	0.478 (H)		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-16 11:22 (-14)	154		110 - 155
		Day 29	2020-07-28 08:30 (29)	153	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-24 09:30 (28)	152	G1 Hemoglobin Decreased	110 - 155

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061055	Immature Granulocytes (10^9/L)	Screening	2020-06-16 11:22 (-14)	<0.03		0 - 0.07
		Day 29	2020-07-28 08:30 (29)	<0.03		0 - 0.07
		Day 57	2020-08-24 09:30 (28)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-16 11:22 (-14)	0.2		0 - 1
		Day 29	2020-07-28 08:30 (29)	0.4		0 - 1
		Day 57	2020-08-24 09:30 (28)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-16 11:22 (-14)	6.14		3.7 - 11
		Day 29	2020-07-28 08:30 (29)	4.62		3.7 - 11
		Day 57	2020-08-24 09:30 (28)	6.55		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-16 11:22 (-14)	1.59		0.9 - 3.6
		Day 29	2020-07-28 08:30 (29)	1.40		0.9 - 3.6
		Day 57	2020-08-24 09:30 (28)	1.64		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061055	Lymphocytes/Leukocytes (%)	Screening	2020-06-16 11:22 (-14)	25.9		12 - 46
		Day 29	2020-07-28 08:30 (29)	30.3		12 - 46
		Day 57	2020-08-24 09:30 (28)	25.0		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-16 11:22 (-14)	0.71		0 - 1.2
		Day 29	2020-07-28 08:30 (29)	0.54		0 - 1.2
		Day 57	2020-08-24 09:30 (28)	0.65		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-16 11:22 (-14)	11.6 (H)		0 - 11
		Day 29	2020-07-28 08:30 (29)	11.7 (H)		0 - 11
		Day 57	2020-08-24 09:30 (28)	9.9		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-16 11:22 (-14)	3.63		1.7 - 7.9
		Day 29	2020-07-28 08:30 (29)	2.40		1.7 - 7.9
		Day 57	2020-08-24 09:30 (28)	4.06		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061055	Neutrophils/Leukocytes (%)	Screening	2020-06-16 11:22 (-14)	59.0		34 - 71
		Day 29	2020-07-28 08:30 (29)	52.0		34 - 71
		Day 57	2020-08-24 09:30 (28)	62.0		34 - 71
	Platelets (10^9/L)	Screening	2020-06-16 11:22 (-14)	291		163 - 375
		Day 29	2020-07-28 08:30 (29)	307		163 - 375
		Day 57	2020-08-24 09:30 (28)	355		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-16 11:22 (-14)	0.9		0.9 - 1.1
		Day 29	2020-07-28 08:30 (29)	0.9		0.9 - 1.1
		Day 57	2020-08-24 09:30 (28)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-16 11:22 (-14)	10.6		9.4 - 12.5
		Day 29	2020-07-28 08:30 (29)	10.8		9.4 - 12.5
		Day 57	2020-08-24 09:30 (28)	11.9		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061055	Urea Nitrogen (mmol/L)	Screening	2020-06-16 11:22 (-14)	5.71		1.78 - 7.14
		Day 29	2020-07-28 08:30 (29)	5.35		1.78 - 7.14
		Day 57	2020-08-24 09:30 (28)	6.07		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-16 11:22 (-14)	20.0		7.8 - 26.7
		Day 29	2020-07-28 08:30 (29)	18.8		7.8 - 26.7
		Day 57	2020-08-24 09:30 (28)	24.3		7.8 - 26.7
US2071005	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-25 10:32 (-8)	29.7		25.1 - 36.5
		Day 29	2020-07-06 14:27 (35)	29.9		25.1 - 36.5
		Day 57	2020-07-31 08:55 (26)	26.7		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-05-25 10:32 (-8)	12		10 - 33
		Day 29	2020-07-06 14:27 (35)	14		10 - 33
		Day 57	2020-07-31 08:55 (26)	11		10 - 33

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071005	Alkaline Phosphatase (U/L)	Screening	2020-05-25 10:32 (-8)	118 (H)		30 - 115
		Day 29	2020-07-06 14:27 (35)	111		30 - 115
		Day 57	2020-07-31 08:55 (26)	91		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-25 10:32 (-8)	15		10 - 36
		Day 29	2020-07-06 14:27 (35)	10		10 - 36
		Day 57	2020-07-31 08:55 (26)	16		10 - 36
	Basophils (10^9/L)	Screening	2020-05-25 10:32 (-8)	0.04		0 - 0.3
		Day 29	2020-07-06 14:27 (35)	0.08		0 - 0.3
		Day 57	2020-07-31 08:55 (26)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-25 10:32 (-8)	0.6		0 - 3
		Day 29	2020-07-06 14:27 (35)	0.6		0 - 3
		Day 57	2020-07-31 08:55 (26)	0.4		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071005	Bilirubin (umol/L)	Screening	2020-05-25 10:32 (-8)	4.3		- 18.8
		Day 29	2020-07-06 14:27 (35)	<2.6		- 18.8
		Day 57	2020-07-31 08:55 (26)	5.5		- 18.8
	Creatinine (umol/L)	Screening	2020-05-25 10:32 (-8)	44 (L)		62 - 124
		Day 29	2020-07-06 14:27 (35)	53 (L)		62 - 124
		Day 57	2020-07-31 08:55 (26)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-25 10:32 (-8)	<3.4		0 - 6.8
		Day 29	2020-07-06 14:27 (35)	<3.4		0 - 6.8
		Day 57	2020-07-31 08:55 (26)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-05-25 10:32 (-8)	0.13		0 - 0.8
		Day 29	2020-07-06 14:27 (35)	3.02 (H)	G2 Eosinophils Increased	0 - 0.8
		Day 57	2020-07-31 08:55 (26)	0.13		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071005	Eosinophils/Leukocytes (%)	Screening	2020-05-25 10:32 (-8)	2.0		0 - 7
		Day 29	2020-07-06 14:27 (35)	24.0 (H)		0 - 7
		Day 57	2020-07-31 08:55 (26)	1.8		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-25 10:32 (-8)	4.57		3.7 - 5.2
		Day 29	2020-07-06 14:27 (35)	4.39		3.7 - 5.2
		Day 57	2020-07-31 08:55 (26)	4.07		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-25 10:32 (-8)	0.474 (H)		0.33 - 0.47
		Day 29	2020-07-06 14:27 (35)	0.433		0.33 - 0.47
		Day 57	2020-07-31 08:55 (26)	0.416		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-25 10:32 (-8)	135		110 - 155
		Day 29	2020-07-06 14:27 (35)	129	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-07-31 08:55 (26)	122	G1 Hemoglobin Decreased	110 - 155

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071005	Immature Granulocytes (10^9/L)	Screening	2020-05-25 10:32 (-8)	<0.03		0 - 0.07
		Day 29	2020-07-06 14:27 (35)	<0.03		0 - 0.07
		Day 57	2020-07-31 08:55 (26)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-25 10:32 (-8)	0.2		0 - 1
		Day 29	2020-07-06 14:27 (35)	0.2		0 - 1
		Day 57	2020-07-31 08:55 (26)	0.1		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-25 10:32 (-8)	6.37		3.7 - 11
		Day 29	2020-07-06 14:27 (35)	12.57 (H)	G1 WBC Increased	3.7 - 11
		Day 57	2020-07-31 08:55 (26)	7.18		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-25 10:32 (-8)	2.09		0.9 - 3.6
		Day 29	2020-07-06 14:27 (35)	2.75		0.9 - 3.6
		Day 57	2020-07-31 08:55 (26)	1.57		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071005	Lymphocytes/Leukocytes (%)	Screening	2020-05-25 10:32 (-8)	32.8		12 - 46
		Day 29	2020-07-06 14:27 (35)	21.9		12 - 46
		Day 57	2020-07-31 08:55 (26)	21.9		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-25 10:32 (-8)	0.55		0 - 1.2
		Day 29	2020-07-06 14:27 (35)	0.76		0 - 1.2
		Day 57	2020-07-31 08:55 (26)	0.52		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-25 10:32 (-8)	8.6		0 - 11
		Day 29	2020-07-06 14:27 (35)	6.0		0 - 11
		Day 57	2020-07-31 08:55 (26)	7.2		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-25 10:32 (-8)	3.55		1.7 - 7.9
		Day 29	2020-07-06 14:27 (35)	5.94		1.7 - 7.9
		Day 57	2020-07-31 08:55 (26)	4.92		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071005	Neutrophils/Leukocytes (%)	Screening	2020-05-25 10:32 (-8)	55.8		34 - 71
		Day 29	2020-07-06 14:27 (35)	47.3		34 - 71
		Day 57	2020-07-31 08:55 (26)	68.6		34 - 71
	Platelets (10^9/L)	Screening	2020-05-25 10:32 (-8)	287		163 - 375
		Day 29	2020-07-06 14:27 (35)	265		163 - 375
		Day 57	2020-07-31 08:55 (26)	284		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-25 10:32 (-8)	1.0		0.9 - 1.1
		Day 29	2020-07-06 14:27 (35)	1.0		0.9 - 1.1
		Day 57	2020-07-31 08:55 (26)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-25 10:32 (-8)	11.2		9.4 - 12.5
		Day 29	2020-07-06 14:27 (35)	11.8		9.4 - 12.5
		Day 57	2020-07-31 08:55 (26)	10.8		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071005	Urea Nitrogen (mmol/L)	Screening	2020-05-25 10:32 (-8)	5.35		1.78 - 7.14
		Day 29	2020-07-06 14:27 (35)	6.43		1.78 - 7.14
		Day 57	2020-07-31 08:55 (26)	7.14		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-25 10:32 (-8)	30.0 (H)		7.8 - 26.7
		Day 29	2020-07-06 14:27 (35)	30.0 (H)		7.8 - 26.7
		Day 57	2020-07-31 08:55 (26)	28.6 (H)		7.8 - 26.7
US2071041	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-28 11:28 (-5)	33.5		25.1 - 36.5
		Day 29	2020-07-02 08:28 (31)	25.1		25.1 - 36.5
		Day 57	2020-07-28 08:42 (27)	26.0		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-05-28 11:28 (-5)	27		10 - 40
		Day 29	2020-07-02 08:28 (31)	19		10 - 40
		Day 57	2020-07-28 08:42 (27)	19		10 - 40

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071041	Alkaline Phosphatase (U/L)	Screening	2020-05-28 11:28 (-5)	68		43 - 115
		Day 29	2020-07-02 08:28 (31)	61		43 - 115
		Day 57	2020-07-28 08:42 (27)	62		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-28 11:28 (-5)	30		10 - 43
		Day 29	2020-07-02 08:28 (31)	25		10 - 43
		Day 57	2020-07-28 08:42 (27)	23		10 - 43
	Basophils (10^9/L)	Screening	2020-05-28 11:28 (-5)	0.05		0 - 0.3
		Day 29	2020-07-02 08:28 (31)	0.04		0 - 0.3
		Day 57	2020-07-28 08:42 (27)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-28 11:28 (-5)	0.9		0 - 3
		Day 29	2020-07-02 08:28 (31)	0.8		0 - 3
		Day 57	2020-07-28 08:42 (27)	0.6		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071041	Bilirubin (umol/L)	Screening	2020-05-28 11:28 (-5)	9.6		- 18.8
		Day 29	2020-07-02 08:28 (31)	9.1		- 18.8
		Day 57	2020-07-28 08:42 (27)	4.6		- 18.8
	Creatinine (umol/L)	Screening	2020-05-28 11:28 (-5)	80		62 - 124
		Day 29	2020-07-02 08:28 (31)	71		62 - 124
		Day 57	2020-07-28 08:42 (27)	88		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-28 11:28 (-5)	<3.4		0 - 6.8
		Day 29	2020-07-02 08:28 (31)	<3.4		0 - 6.8
		Day 57	2020-07-28 08:42 (27)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-05-28 11:28 (-5)	0.23		0 - 0.8
		Day 29	2020-07-02 08:28 (31)	0.28		0 - 0.8
		Day 57	2020-07-28 08:42 (27)	0.26		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071041	Eosinophils/Leukocytes (%)	Screening	2020-05-28 11:28 (-5)	4.4		0 - 7
		Day 29	2020-07-02 08:28 (31)	5.3		0 - 7
		Day 57	2020-07-28 08:42 (27)	5.1		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-28 11:28 (-5)	5.14		4.63 - 6.08
		Day 29	2020-07-02 08:28 (31)	4.61 (L)		4.63 - 6.08
		Day 57	2020-07-28 08:42 (27)	4.93		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-05-28 11:28 (-5)	0.517 (H)		0.37 - 0.51
		Day 29	2020-07-02 08:28 (31)	0.479		0.37 - 0.51
		Day 57	2020-07-28 08:42 (27)	0.519 (H)		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-05-28 11:28 (-5)	162		125 - 170
		Day 29	2020-07-02 08:28 (31)	147	G1 Hemoglobin Decreased	125 - 170
		Day 57	2020-07-28 08:42 (27)	157	G1 Hemoglobin Decreased	125 - 170

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071041	Immature Granulocytes (10^9/L)	Screening	2020-05-28 11:28 (-5)	<0.03		0 - 0.07
		Day 29	2020-07-02 08:28 (31)	<0.03		0 - 0.07
		Day 57	2020-07-28 08:42 (27)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-28 11:28 (-5)	0.2		0 - 1
		Day 29	2020-07-02 08:28 (31)	0.2		0 - 1
		Day 57	2020-07-28 08:42 (27)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-28 11:28 (-5)	5.28		3.7 - 11
		Day 29	2020-07-02 08:28 (31)	5.26		3.7 - 11
		Day 57	2020-07-28 08:42 (27)	5.10		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-28 11:28 (-5)	1.29		0.9 - 3.6
		Day 29	2020-07-02 08:28 (31)	1.11		0.9 - 3.6
		Day 57	2020-07-28 08:42 (27)	1.27		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071041	Lymphocytes/Leukocytes (%)	Screening	2020-05-28 11:28 (-5)	24.4		12 - 46
		Day 29	2020-07-02 08:28 (31)	21.1		12 - 46
		Day 57	2020-07-28 08:42 (27)	24.9		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-28 11:28 (-5)	0.51		0 - 1.2
		Day 29	2020-07-02 08:28 (31)	0.48		0 - 1.2
		Day 57	2020-07-28 08:42 (27)	0.43		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-28 11:28 (-5)	9.7		0 - 11
		Day 29	2020-07-02 08:28 (31)	9.1		0 - 11
		Day 57	2020-07-28 08:42 (27)	8.4		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-28 11:28 (-5)	3.19		1.7 - 7.9
		Day 29	2020-07-02 08:28 (31)	3.34		1.7 - 7.9
		Day 57	2020-07-28 08:42 (27)	3.10		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071041	Neutrophils/Leukocytes (%)	Screening	2020-05-28 11:28 (-5)	60.4		34 - 71
		Day 29	2020-07-02 08:28 (31)	63.5		34 - 71
		Day 57	2020-07-28 08:42 (27)	60.8		34 - 71
	Platelets (10^9/L)	Screening	2020-05-28 11:28 (-5)	195		163 - 375
		Day 29	2020-07-02 08:28 (31)	165		163 - 375
		Day 57	2020-07-28 08:42 (27)	181		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-28 11:28 (-5)	0.9		0.9 - 1.1
		Day 29	2020-07-02 08:28 (31)	0.9		0.9 - 1.1
		Day 57	2020-07-28 08:42 (27)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-28 11:28 (-5)	10.7		9.4 - 12.5
		Day 29	2020-07-02 08:28 (31)	10.8		9.4 - 12.5
		Day 57	2020-07-28 08:42 (27)	10.9		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071041	Urea Nitrogen (mmol/L)	Screening	2020-05-28 11:28 (-5)	6.43		1.78 - 7.14
		Day 29	2020-07-02 08:28 (31)	8.21 (H)	G1 Blood Urea Nitrogen Increased	1.78 - 7.14
		Day 57	2020-07-28 08:42 (27)	5.00		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-28 11:28 (-5)	20.0		7.8 - 26.7
		Day 29	2020-07-02 08:28 (31)	28.8 (H)		7.8 - 26.7
		Day 57	2020-07-28 08:42 (27)	14.0		7.8 - 26.7
US2071084	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-15 11:12 (-11)	32.5		25.1 - 36.5
		Day 29	2020-07-27 10:33 (32)	39.3 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
		Day 57	2020-08-24 08:30 (29)	29.1		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-15 11:12 (-11)	17		10 - 40

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071084	Alanine Aminotransferase (U/L)	Day 29	2020-07-27 10:33 (32)	17		10 - 40
		Unscheduled	2020-07-28 (33)	18		10 - 40
		Day 57	2020-08-24 08:30 (29)	19		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-15 11:12 (-11)	70		43 - 115
		Day 29	2020-07-27 10:33 (32)	67		43 - 115
		Unscheduled	2020-07-28 (33)	69		43 - 115
		Day 57	2020-08-24 08:30 (29)	71		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-15 11:12 (-11)	14		10 - 43
		Day 29	2020-07-27 10:33 (32)	15		10 - 43
		Unscheduled	2020-07-28 (33)	17		10 - 43
		Day 57	2020-08-24 08:30 (29)	19		10 - 43
	Basophils (10^9/L)	Screening	2020-06-15 11:12 (-11)	<0.03		0 - 0.3
		Day 29	2020-07-27 10:33 (32)	<0.03		0 - 0.3
		Unscheduled	2020-07-28 (33)	0.05		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071084	Basophils (10^9/L)	Day 57	2020-08-24 08:30 (29)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-15 11:12 (-11)	0.3		0 - 3
		Day 29	2020-07-27 10:33 (32)	0.4		0 - 3
		Unscheduled	2020-07-28 (33)	0.7		0 - 3
		Day 57	2020-08-24 08:30 (29)	0.6		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-15 11:12 (-11)	6.2		- 18.8
		Day 29	2020-07-27 10:33 (32)	3.9		- 18.8
		Unscheduled	2020-07-28 (33)	2.9		- 18.8
		Day 57	2020-08-24 08:30 (29)	5.3		- 18.8
	Creatinine (umol/L)	Screening	2020-06-15 11:12 (-11)	71		62 - 124
		Day 29	2020-07-27 10:33 (32)	62		62 - 124
		Unscheduled	2020-07-28 (33)	71		62 - 124
		Day 57	2020-08-24 08:30 (29)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-15 11:12 (-11)	<3.4		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071084	Direct Bilirubin (umol/L)	Day 29	2020-07-27 10:33 (32)	<3.4		0 - 6.8
		Unscheduled	2020-07-28 (33)	<3.4		0 - 6.8
		Day 57	2020-08-24 08:30 (29)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-15 11:12 (-11)	0.03		0 - 0.8
		Day 29	2020-07-27 10:33 (32)	0.06		0 - 0.8
		Unscheduled	2020-07-28 (33)	0.14		0 - 0.8
		Day 57	2020-08-24 08:30 (29)	0.05		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-15 11:12 (-11)	0.5		0 - 7
		Day 29	2020-07-27 10:33 (32)	1.1		0 - 7
		Unscheduled	2020-07-28 (33)	2.0		0 - 7
		Day 57	2020-08-24 08:30 (29)	1.1		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-15 11:12 (-11)	4.70		4.63 - 6.08
		Day 29	2020-07-27 10:33 (32)	4.43 (L)		4.63 - 6.08
		Unscheduled	2020-07-28 (33)	3.84 (L)		4.63 - 6.08

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071084	Erythrocytes (10^12/L)	Day 57	2020-08-24 08:30 (29)	4.81		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-15 11:12 (-11)	0.481		0.37 - 0.51
		Day 29	2020-07-27 10:33 (32)	0.482		0.37 - 0.51
		Unscheduled	2020-07-28 (33)	0.406		0.37 - 0.51
		Day 57	2020-08-24 08:30 (29)	0.519 (H)		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-15 11:12 (-11)	149		125 - 170
		Day 29	2020-07-27 10:33 (32)	144	G1 Hemoglobin Decreased	125 - 170
		Unscheduled	2020-07-28 (33)	123 (L)	G3 Hemoglobin Decreased	125 - 170
		Day 57	2020-08-24 08:30 (29)	154		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-15 11:12 (-11)	<0.03		0 - 0.07
		Day 29	2020-07-27 10:33 (32)	<0.03		0 - 0.07
		Unscheduled	2020-07-28 (33)	0.03		0 - 0.07
		Day 57	2020-08-24 08:30 (29)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071084	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-15 11:12 (-11)	0.2		0 - 1
		Day 29	2020-07-27 10:33 (32)	0.2		0 - 1
		Unscheduled	2020-07-28 (33)	0.4		0 - 1
		Day 57	2020-08-24 08:30 (29)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-15 11:12 (-11)	6.35		3.7 - 11
		Day 29	2020-07-27 10:33 (32)	5.36		3.7 - 11
		Unscheduled	2020-07-28 (33)	7.05		3.7 - 11
		Day 57	2020-08-24 08:30 (29)	4.64		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-15 11:12 (-11)	1.50		0.9 - 3.6
		Day 29	2020-07-27 10:33 (32)	1.65		0.9 - 3.6
		Unscheduled	2020-07-28 (33)	2.03		0.9 - 3.6
		Day 57	2020-08-24 08:30 (29)	1.36		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-15 11:12 (-11)	23.6		12 - 46
		Day 29	2020-07-27 10:33 (32)	30.8		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071084	Lymphocytes/Leukocytes (%)	Unscheduled	2020-07-28 (33)	28.8		12 - 46
		Day 57	2020-08-24 08:30 (29)	29.3		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-15 11:12 (-11)	0.40		0 - 1.2
		Day 29	2020-07-27 10:33 (32)	0.49		0 - 1.2
		Unscheduled	2020-07-28 (33)	0.58		0 - 1.2
		Day 57	2020-08-24 08:30 (29)	0.39		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-15 11:12 (-11)	6.3		0 - 11
		Day 29	2020-07-27 10:33 (32)	9.1		0 - 11
		Unscheduled	2020-07-28 (33)	8.2		0 - 11
		Day 57	2020-08-24 08:30 (29)	8.4		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-15 11:12 (-11)	4.39		1.7 - 7.9
		Day 29	2020-07-27 10:33 (32)	3.13		1.7 - 7.9
		Unscheduled	2020-07-28 (33)	4.22		1.7 - 7.9
		Day 57	2020-08-24 08:30 (29)	2.80		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071084	Neutrophils/Leukocytes (%)	Screening	2020-06-15 11:12 (-11)	69.1		34 - 71
		Day 29	2020-07-27 10:33 (32)	58.4		34 - 71
		Unscheduled	2020-07-28 (33)	59.9		34 - 71
		Day 57	2020-08-24 08:30 (29)	60.4		34 - 71
	Platelets (10^9/L)	Screening	2020-06-15 11:12 (-11)	192		163 - 375
		Day 29	2020-07-27 10:33 (32)	176		163 - 375
		Unscheduled	2020-07-28 (33)	156 (L)		163 - 375
		Day 57	2020-08-24 08:30 (29)	183		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-15 11:12 (-11)	1.1		0.9 - 1.1
		Day 29	2020-07-27 10:33 (32)	1.0		0.9 - 1.1
		Day 57	2020-08-24 08:30 (29)	1.1		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-15 11:12 (-11)	12.3		9.4 - 12.5
		Day 29	2020-07-27 10:33 (32)	11.6		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071084	Prothrombin Time (sec)	Day 57	2020-08-24 08:30 (29)	12.8 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-15 11:12 (-11)	6.07		1.78 - 7.14
		Day 29	2020-07-27 10:33 (32)	7.50 (H)		1.78 - 7.14
		Unscheduled	2020-07-28 (33)	6.07		1.78 - 7.14
		Day 57	2020-08-24 08:30 (29)	6.43		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-15 11:12 (-11)	21.2		7.8 - 26.7
		Day 29	2020-07-27 10:33 (32)	30.0 (H)		7.8 - 26.7
		Unscheduled	2020-07-28 (33)	21.2		7.8 - 26.7
		Day 57	2020-08-24 08:30 (29)	22.5		7.8 - 26.7
US2071085	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-17 11:59 (-9)	30.4		25.1 - 36.5
		Day 57	2020-08-24 14:38 (28)	30.0		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-17 11:59 (-9)	15		10 - 33
		Day 57	2020-08-24 14:38 (28)	15		10 - 33

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071085	Alkaline Phosphatase (U/L)	Screening	2020-06-17 11:59 (-9)	74		30 - 115
		Day 57	2020-08-24 14:38 (28)	75		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-17 11:59 (-9)	19		10 - 36
		Day 57	2020-08-24 14:38 (28)	16		10 - 36
	Basophils (10^9/L)	Screening	2020-06-17 11:59 (-9)	0.05		0 - 0.3
		Day 57	2020-08-24 14:38 (28)	0.07		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-17 11:59 (-9)	0.9		0 - 3
		Day 57	2020-08-24 14:38 (28)	1.1		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-17 11:59 (-9)	5.0		- 18.8
		Day 57	2020-08-24 14:38 (28)	4.8		- 18.8
	Creatinine (umol/L)	Screening	2020-06-17 11:59 (-9)	71		62 - 124
		Day 57	2020-08-24 14:38 (28)	80		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071085	Direct Bilirubin (umol/L)	Screening	2020-06-17 11:59 (-9)	<3.4		0 - 6.8
		Day 57	2020-08-24 14:38 (28)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-17 11:59 (-9)	0.14		0 - 0.8
		Day 57	2020-08-24 14:38 (28)	0.14		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-17 11:59 (-9)	2.4		0 - 7
		Day 57	2020-08-24 14:38 (28)	2.2		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-17 11:59 (-9)	4.00		3.7 - 5.2
		Day 57	2020-08-24 14:38 (28)	3.90		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-17 11:59 (-9)	0.416		0.33 - 0.47
		Day 57	2020-08-24 14:38 (28)	0.415		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-17 11:59 (-9)	130		110 - 155
		Day 57	2020-08-24 14:38 (28)	126	G1 Hemoglobin Decreased	110 - 155

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071085	Immature Granulocytes (10^9/L)	Screening	2020-06-17 11:59 (-9)	<0.03		0 - 0.07
		Day 57	2020-08-24 14:38 (28)	0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-17 11:59 (-9)	0.3		0 - 1
		Day 57	2020-08-24 14:38 (28)	0.5		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-17 11:59 (-9)	5.85		3.7 - 11
		Day 57	2020-08-24 14:38 (28)	6.48		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-17 11:59 (-9)	2.18		0.9 - 3.6
		Day 57	2020-08-24 14:38 (28)	2.19		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-17 11:59 (-9)	37.3		12 - 46
		Day 57	2020-08-24 14:38 (28)	33.8		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-17 11:59 (-9)	0.42		0 - 1.2
		Day 57	2020-08-24 14:38 (28)	0.43		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071085	Monocytes/Leukocytes (%)	Screening	2020-06-17 11:59 (-9)	7.2		0 - 11
		Day 57	2020-08-24 14:38 (28)	6.6		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-17 11:59 (-9)	3.04		1.7 - 7.9
		Day 57	2020-08-24 14:38 (28)	3.62		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-17 11:59 (-9)	51.9		34 - 71
		Day 57	2020-08-24 14:38 (28)	55.8		34 - 71
	Platelets (10^9/L)	Screening	2020-06-17 11:59 (-9)	135 (L)	G1 Platelets Decreased	163 - 375
		Day 57	2020-08-24 14:38 (28)	134 (L)	G1 Platelets Decreased	163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-17 11:59 (-9)	0.9		0.9 - 1.1
		Day 57	2020-08-24 14:38 (28)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-17 11:59 (-9)	11.0		9.4 - 12.5
		Day 57	2020-08-24 14:38 (28)	12.1		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071085	Urea Nitrogen (mmol/L)	Screening	2020-06-17 11:59 (-9)	5.71		1.78 - 7.14
		Day 57	2020-08-24 14:38 (28)	6.43		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-17 11:59 (-9)	20.0		7.8 - 26.7
		Day 57	2020-08-24 14:38 (28)	20.0		7.8 - 26.7
US2071086	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-18 09:52 (-8)	33.3		25.1 - 36.5
		Day 29	2020-07-29 09:53 (34)	29.3		25.1 - 36.5
		Day 57	2020-08-24 09:35 (27)	46.9 (H)	G2 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-18 09:52 (-8)	14		10 - 40
		Day 29	2020-07-29 09:53 (34)	15		10 - 40
		Day 57	2020-08-24 09:35 (27)	20		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-18 09:52 (-8)	88		43 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071086	Alkaline Phosphatase (U/L)	Day 29	2020-07-29 09:53 (34)	85		43 - 115
		Day 57	2020-08-24 09:35 (27)	90		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-18 09:52 (-8)	18		10 - 43
		Day 29	2020-07-29 09:53 (34)	18		10 - 43
		Day 57	2020-08-24 09:35 (27)	18		10 - 43
	Basophils (10^9/L)	Screening	2020-06-18 09:52 (-8)	0.04		0 - 0.3
		Day 29	2020-07-29 09:53 (34)	0.04		0 - 0.3
		Day 57	2020-08-24 09:35 (27)	0.05		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-18 09:52 (-8)	0.6		0 - 3
		Day 29	2020-07-29 09:53 (34)	0.6		0 - 3
		Day 57	2020-08-24 09:35 (27)	0.9		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-18 09:52 (-8)	12.5		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071086	Bilirubin (umol/L)	Day 29	2020-07-29 09:53 (34)	5.5		- 18.8
		Day 57	2020-08-24 09:35 (27)	8.6		- 18.8
	Creatinine (umol/L)	Screening	2020-06-18 09:52 (-8)	88		62 - 124
		Day 29	2020-07-29 09:53 (34)	80		62 - 124
		Day 57	2020-08-24 09:35 (27)	88		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-18 09:52 (-8)	<3.4		0 - 6.8
		Day 29	2020-07-29 09:53 (34)	<3.4		0 - 6.8
		Day 57	2020-08-24 09:35 (27)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-18 09:52 (-8)	0.16		0 - 0.8
		Day 29	2020-07-29 09:53 (34)	0.27		0 - 0.8
		Day 57	2020-08-24 09:35 (27)	0.23		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-18 09:52 (-8)	2.5		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071086	Eosinophils/Leukocytes (%)	Day 29	2020-07-29 09:53 (34)	4.0		0 - 7
		Day 57	2020-08-24 09:35 (27)	4.0		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-18 09:52 (-8)	5.30		4.63 - 6.08
		Day 29	2020-07-29 09:53 (34)	5.23		4.63 - 6.08
		Day 57	2020-08-24 09:35 (27)	5.28		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-18 09:52 (-8)	0.514 (H)		0.37 - 0.51
		Day 29	2020-07-29 09:53 (34)	0.520 (H)		0.37 - 0.51
		Day 57	2020-08-24 09:35 (27)	0.519 (H)		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-18 09:52 (-8)	159		125 - 170
		Day 29	2020-07-29 09:53 (34)	155	G1 Hemoglobin Decreased	125 - 170
		Day 57	2020-08-24 09:35 (27)	158	G1 Hemoglobin Decreased	125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-18 09:52 (-8)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071086	Immature Granulocytes (10^9/L)	Day 29	2020-07-29 09:53 (34)	<0.03		0 - 0.07
		Day 57	2020-08-24 09:35 (27)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-18 09:52 (-8)	0.3		0 - 1
		Day 29	2020-07-29 09:53 (34)	0.3		0 - 1
		Day 57	2020-08-24 09:35 (27)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-18 09:52 (-8)	6.32		3.7 - 11
		Day 29	2020-07-29 09:53 (34)	6.83		3.7 - 11
		Day 57	2020-08-24 09:35 (27)	5.72		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-18 09:52 (-8)	1.66		0.9 - 3.6
		Day 29	2020-07-29 09:53 (34)	1.94		0.9 - 3.6
		Day 57	2020-08-24 09:35 (27)	1.73		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-18 09:52 (-8)	26.3		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071086	Lymphocytes/Leukocytes (%)	Day 29	2020-07-29 09:53 (34)	28.4		12 - 46
		Day 57	2020-08-24 09:35 (27)	30.2		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-18 09:52 (-8)	0.53		0 - 1.2
		Day 29	2020-07-29 09:53 (34)	0.63		0 - 1.2
		Day 57	2020-08-24 09:35 (27)	0.51		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-18 09:52 (-8)	8.4		0 - 11
		Day 29	2020-07-29 09:53 (34)	9.2		0 - 11
		Day 57	2020-08-24 09:35 (27)	8.9		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-18 09:52 (-8)	3.91		1.7 - 7.9
		Day 29	2020-07-29 09:53 (34)	3.93		1.7 - 7.9
		Day 57	2020-08-24 09:35 (27)	3.19		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-18 09:52 (-8)	61.9		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071086	Neutrophils/Leukocytes (%)	Day 29	2020-07-29 09:53 (34)	57.5		34 - 71
		Day 57	2020-08-24 09:35 (27)	55.8		34 - 71
	Platelets (10^9/L)	Screening	2020-06-18 09:52 (-8)	182		163 - 375
		Day 29	2020-07-29 09:53 (34)	196		163 - 375
		Day 57	2020-08-24 09:35 (27)	190		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-18 09:52 (-8)	1.0		0.9 - 1.1
		Day 29	2020-07-29 09:53 (34)	1.0		0.9 - 1.1
		Day 57	2020-08-24 09:35 (27)	1.2 (H)		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-18 09:52 (-8)	11.3		9.4 - 12.5
		Day 29	2020-07-29 09:53 (34)	11.8		9.4 - 12.5
		Day 57	2020-08-24 09:35 (27)	15.0 (H)	G2 Prothrombin Time Increased	9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-18 09:52 (-8)	7.50 (H)		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071086	Urea Nitrogen (mmol/L)	Day 29	2020-07-29 09:53 (34)	7.85 (H)		1.78 - 7.14
		Day 57	2020-08-24 09:35 (27)	6.78		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-18 09:52 (-8)	21.0		7.8 - 26.7
		Day 29	2020-07-29 09:53 (34)	24.4		7.8 - 26.7
		Day 57	2020-08-24 09:35 (27)	19.0		7.8 - 26.7
US2071088	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-18 13:45 (-8)	26.0		25.1 - 36.5
		Day 29	2020-07-27 11:25 (32)	27.7		25.1 - 36.5
		Day 57	2020-08-24 10:51 (29)	29.8		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-18 13:45 (-8)	14		10 - 40
		Day 29	2020-07-27 11:25 (32)	13		10 - 40
		Day 57	2020-08-24 10:51 (29)	10		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-18 13:45 (-8)	101		43 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071088	Alkaline Phosphatase (U/L)	Day 29	2020-07-27 11:25 (32)	94		43 - 115
		Day 57	2020-08-24 10:51 (29)	95		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-18 13:45 (-8)	24		10 - 43
		Day 29	2020-07-27 11:25 (32)	14		10 - 43
		Day 57	2020-08-24 10:51 (29)	13		10 - 43
	Basophils (10^9/L)	Screening	2020-06-18 13:45 (-8)	0.07		0 - 0.3
		Day 29	2020-07-27 11:25 (32)	0.08		0 - 0.3
		Day 57	2020-08-24 10:51 (29)	0.08		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-18 13:45 (-8)	0.7		0 - 3
		Day 29	2020-07-27 11:25 (32)	0.8		0 - 3
		Day 57	2020-08-24 10:51 (29)	1.1		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-18 13:45 (-8)	6.7		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071088	Bilirubin (umol/L)	Day 29	2020-07-27 11:25 (32)	3.9		- 18.8
		Day 57	2020-08-24 10:51 (29)	5.3		- 18.8
	Creatinine (umol/L)	Screening	2020-06-18 13:45 (-8)	71		62 - 124
		Day 29	2020-07-27 11:25 (32)	88		62 - 124
		Day 57	2020-08-24 10:51 (29)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-18 13:45 (-8)	<3.4		0 - 6.8
		Day 29	2020-07-27 11:25 (32)	<3.4		0 - 6.8
		Day 57	2020-08-24 10:51 (29)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-18 13:45 (-8)	0.05		0 - 0.8
		Day 29	2020-07-27 11:25 (32)	0.11		0 - 0.8
		Day 57	2020-08-24 10:51 (29)	0.17		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-18 13:45 (-8)	0.5		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071088	Eosinophils/Leukocytes (%)	Day 29	2020-07-27 11:25 (32)	1.0		0 - 7
		Day 57	2020-08-24 10:51 (29)	2.4		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-18 13:45 (-8)	5.20		4.63 - 6.08
		Day 29	2020-07-27 11:25 (32)	5.09		4.63 - 6.08
		Day 57	2020-08-24 10:51 (29)	5.06		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-18 13:45 (-8)	0.521 (H)		0.37 - 0.51
		Day 29	2020-07-27 11:25 (32)	0.522 (H)		0.37 - 0.51
		Day 57	2020-08-24 10:51 (29)	0.513 (H)		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-18 13:45 (-8)	163		125 - 170
		Day 29	2020-07-27 11:25 (32)	157	G1 Hemoglobin Decreased	125 - 170
		Day 57	2020-08-24 10:51 (29)	158	G1 Hemoglobin Decreased	125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-18 13:45 (-8)	0.06		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071088	Immature Granulocytes (10^9/L)	Day 29	2020-07-27 11:25 (32)	0.04		0 - 0.07
		Day 57	2020-08-24 10:51 (29)	0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-18 13:45 (-8)	0.6		0 - 1
		Day 29	2020-07-27 11:25 (32)	0.4		0 - 1
		Day 57	2020-08-24 10:51 (29)	0.4		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-18 13:45 (-8)	10.70		3.7 - 11
		Day 29	2020-07-27 11:25 (32)	10.58		3.7 - 11
		Day 57	2020-08-24 10:51 (29)	7.16		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-18 13:45 (-8)	1.76		0.9 - 3.6
		Day 29	2020-07-27 11:25 (32)	1.05		0.9 - 3.6
		Day 57	2020-08-24 10:51 (29)	1.65		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-18 13:45 (-8)	16.4		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071088	Lymphocytes/Leukocytes (%)	Day 29	2020-07-27 11:25 (32)	9.9 (L)		12 - 46
		Day 57	2020-08-24 10:51 (29)	23.0		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-18 13:45 (-8)	0.64		0 - 1.2
		Day 29	2020-07-27 11:25 (32)	0.63		0 - 1.2
		Day 57	2020-08-24 10:51 (29)	0.57		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-18 13:45 (-8)	6.0		0 - 11
		Day 29	2020-07-27 11:25 (32)	6.0		0 - 11
		Day 57	2020-08-24 10:51 (29)	8.0		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-18 13:45 (-8)	8.12 (H)		1.7 - 7.9
		Day 29	2020-07-27 11:25 (32)	8.67 (H)		1.7 - 7.9
		Day 57	2020-08-24 10:51 (29)	4.66		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-18 13:45 (-8)	75.8 (H)		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071088	Neutrophils/Leukocytes (%)	Day 29	2020-07-27 11:25 (32)	81.9 (H)		34 - 71
		Day 57	2020-08-24 10:51 (29)	65.1		34 - 71
	Platelets (10^9/L)	Screening	2020-06-18 13:45 (-8)	325		163 - 375
		Day 29	2020-07-27 11:25 (32)	353		163 - 375
		Day 57	2020-08-24 10:51 (29)	333		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-18 13:45 (-8)	0.9		0.9 - 1.1
		Day 29	2020-07-27 11:25 (32)	1.0		0.9 - 1.1
		Day 57	2020-08-24 10:51 (29)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-18 13:45 (-8)	10.9		9.4 - 12.5
		Day 29	2020-07-27 11:25 (32)	12.0		9.4 - 12.5
		Day 57	2020-08-24 10:51 (29)	11.0		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-18 13:45 (-8)	6.43		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071088	Urea Nitrogen (mmol/L)	Day 29	2020-07-27 11:25 (32)	6.43		1.78 - 7.14
		Day 57	2020-08-24 10:51 (29)	5.71		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-18 13:45 (-8)	22.5		7.8 - 26.7
		Day 29	2020-07-27 11:25 (32)	18.0		7.8 - 26.7
		Day 57	2020-08-24 10:51 (29)	22.9		7.8 - 26.7
US2071092	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-19 14:41 (-7)	33.0		25.1 - 36.5
		Day 29	2020-07-21 09:48 (26)	25.4		25.1 - 36.5
		Day 57	2020-08-19 10:28 (30)	34.1		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-19 14:41 (-7)	24		10 - 33
		Day 29	2020-07-21 09:48 (26)	35 (H)		10 - 33
		Day 57	2020-08-19 10:28 (30)	30		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-19 14:41 (-7)	73		30 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071092	Alkaline Phosphatase (U/L)	Day 29	2020-07-21 09:48 (26)	64		30 - 115
		Day 57	2020-08-19 10:28 (30)	69		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-19 14:41 (-7)	29		10 - 36
		Day 29	2020-07-21 09:48 (26)	38 (H)		10 - 36
		Day 57	2020-08-19 10:28 (30)	33		10 - 36
	Basophils (10^9/L)	Screening	2020-06-19 14:41 (-7)	0.05		0 - 0.3
		Day 29	2020-07-21 09:48 (26)	0.04		0 - 0.3
		Day 57	2020-08-19 10:28 (30)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-19 14:41 (-7)	0.8		0 - 3
		Day 29	2020-07-21 09:48 (26)	0.7		0 - 3
		Day 57	2020-08-19 10:28 (30)	0.8		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-19 14:41 (-7)	5.8		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071092	Bilirubin (umol/L)	Day 29	2020-07-21 09:48 (26)	6.3		- 18.8
		Day 57	2020-08-19 10:28 (30)	8.7		- 18.8
	Creatinine (umol/L)	Screening	2020-06-19 14:41 (-7)	97		62 - 124
		Day 29	2020-07-21 09:48 (26)	53 (L)		62 - 124
		Day 57	2020-08-19 10:28 (30)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-19 14:41 (-7)	<3.4		0 - 6.8
		Day 29	2020-07-21 09:48 (26)	<3.4		0 - 6.8
		Day 57	2020-08-19 10:28 (30)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-19 14:41 (-7)	0.12		0 - 0.8
		Day 29	2020-07-21 09:48 (26)	<0.03		0 - 0.8
		Day 57	2020-08-19 10:28 (30)	0.08		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-19 14:41 (-7)	2.0		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071092	Eosinophils/Leukocytes (%)	Day 29	2020-07-21 09:48 (26)	0.3		0 - 7
		Day 57	2020-08-19 10:28 (30)	1.6		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-19 14:41 (-7)	4.16		3.7 - 5.2
		Day 29	2020-07-21 09:48 (26)	4.48		3.7 - 5.2
		Day 57	2020-08-19 10:28 (30)	4.52		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-19 14:41 (-7)	0.410		0.33 - 0.47
		Day 29	2020-07-21 09:48 (26)	0.440		0.33 - 0.47
		Day 57	2020-08-19 10:28 (30)	0.457		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-19 14:41 (-7)	121		110 - 155
		Day 29	2020-07-21 09:48 (26)	131		110 - 155
		Day 57	2020-08-19 10:28 (30)	130		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-19 14:41 (-7)	0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071092	Immature Granulocytes (10^9/L)	Day 29	2020-07-21 09:48 (26)	0.03		0 - 0.07
		Day 57	2020-08-19 10:28 (30)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-19 14:41 (-7)	0.5		0 - 1
		Day 29	2020-07-21 09:48 (26)	0.5		0 - 1
		Day 57	2020-08-19 10:28 (30)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-19 14:41 (-7)	6.06		3.7 - 11
		Day 29	2020-07-21 09:48 (26)	6.05		3.7 - 11
		Day 57	2020-08-19 10:28 (30)	4.96		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-19 14:41 (-7)	1.45		0.9 - 3.6
		Day 29	2020-07-21 09:48 (26)	1.81		0.9 - 3.6
		Day 57	2020-08-19 10:28 (30)	1.86		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-19 14:41 (-7)	23.9		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071092	Lymphocytes/Leukocytes (%)	Day 29	2020-07-21 09:48 (26)	29.9		12 - 46
		Day 57	2020-08-19 10:28 (30)	37.5		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-19 14:41 (-7)	0.62		0 - 1.2
		Day 29	2020-07-21 09:48 (26)	0.37		0 - 1.2
		Day 57	2020-08-19 10:28 (30)	0.44		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-19 14:41 (-7)	10.2		0 - 11
		Day 29	2020-07-21 09:48 (26)	6.1		0 - 11
		Day 57	2020-08-19 10:28 (30)	8.9		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-19 14:41 (-7)	3.79		1.7 - 7.9
		Day 29	2020-07-21 09:48 (26)	3.78		1.7 - 7.9
		Day 57	2020-08-19 10:28 (30)	2.53		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-19 14:41 (-7)	62.6		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071092	Neutrophils/Leukocytes (%)	Day 29	2020-07-21 09:48 (26)	62.5		34 - 71
		Day 57	2020-08-19 10:28 (30)	51.0		34 - 71
	Platelets (10^9/L)	Screening	2020-06-19 14:41 (-7)	218		163 - 375
		Day 29	2020-07-21 09:48 (26)	213		163 - 375
		Day 57	2020-08-19 10:28 (30)	201		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-19 14:41 (-7)	1.1		0.9 - 1.1
		Day 29	2020-07-21 09:48 (26)	1.0		0.9 - 1.1
		Day 57	2020-08-19 10:28 (30)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-19 14:41 (-7)	12.5		9.4 - 12.5
		Day 29	2020-07-21 09:48 (26)	12.0		9.4 - 12.5
		Day 57	2020-08-19 10:28 (30)	12.6 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-19 14:41 (-7)	6.07		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071092	Urea Nitrogen (mmol/L)	Day 29	2020-07-21 09:48 (26)	5.00		1.78 - 7.14
		Day 57	2020-08-19 10:28 (30)	6.07		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-19 14:41 (-7)	15.5		7.8 - 26.7
		Day 29	2020-07-21 09:48 (26)	23.3		7.8 - 26.7
		Day 57	2020-08-19 10:28 (30)	28.3 (H)		7.8 - 26.7
US2071094	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-22 11:21 (-14)	46.1 (H)	G2 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
		Unscheduled	2020-06-25 (-11)	30.9		25.1 - 36.5
		Day 29	2020-08-04 12:15 (30)	34.9		25.1 - 36.5
		Day 57	2020-08-31 15:05 (28)	44.5 (H)	G2 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-22 11:21 (-14)	15		10 - 33

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071094	Alanine Aminotransferase (U/L)	Day 29	2020-08-04 12:15 (30)	12		10 - 33
		Day 57	2020-08-31 15:05 (28)	8 (L)		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-22 11:21 (-14)	82		30 - 115
		Day 29	2020-08-04 12:15 (30)	74		30 - 115
		Day 57	2020-08-31 15:05 (28)	67		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-22 11:21 (-14)	17		10 - 36
		Day 29	2020-08-04 12:15 (30)	25		10 - 36
		Day 57	2020-08-31 15:05 (28)	13		10 - 36
	Basophils (10^9/L)	Unscheduled	2020-06-25 (-11)	0.08		0 - 0.3
		Day 29	2020-08-04 12:15 (30)	0.07		0 - 0.3
		Day 57	2020-08-31 15:05 (28)	0.07		0 - 0.3
	Basophils/Leukocytes (%)	Unscheduled	2020-06-25 (-11)	1.1		0 - 3
		Day 29	2020-08-04 12:15 (30)	1.0		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071094	Basophils/Leukocytes (%)	Day 57	2020-08-31 15:05 (28)	1.0		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-22 11:21 (-14)	6.5		- 18.8
		Day 29	2020-08-04 12:15 (30)	3.6		- 18.8
		Day 57	2020-08-31 15:05 (28)	6.0		- 18.8
	Creatinine (umol/L)	Screening	2020-06-22 11:21 (-14)	80		62 - 124
		Day 29	2020-08-04 12:15 (30)	80		62 - 124
		Day 57	2020-08-31 15:05 (28)	80		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-22 11:21 (-14)	<3.4		0 - 6.8
		Day 29	2020-08-04 12:15 (30)	<3.4		0 - 6.8
		Day 57	2020-08-31 15:05 (28)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Unscheduled	2020-06-25 (-11)	0.26		0 - 0.8
		Day 29	2020-08-04 12:15 (30)	0.30		0 - 0.8
		Day 57	2020-08-31 15:05 (28)	0.24		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071094	Eosinophils/Leukocytes (%)	Unscheduled	2020-06-25 (-11)	3.7		0 - 7
		Day 29	2020-08-04 12:15 (30)	4.2		0 - 7
		Day 57	2020-08-31 15:05 (28)	3.3		0 - 7
	Erythrocytes (10^12/L)	Unscheduled	2020-06-25 (-11)	5.11		3.7 - 5.2
		Day 29	2020-08-04 12:15 (30)	5.05		3.7 - 5.2
		Day 57	2020-08-31 15:05 (28)	4.72		3.7 - 5.2
	Hematocrit (L/L)	Unscheduled	2020-06-25 (-11)	0.489 (H)		0.33 - 0.47
		Day 29	2020-08-04 12:15 (30)	0.481 (H)		0.33 - 0.47
		Day 57	2020-08-31 15:05 (28)	0.449		0.33 - 0.47
	Hemoglobin (g/L)	Unscheduled	2020-06-25 (-11)	147		110 - 155
		Day 29	2020-08-04 12:15 (30)	139	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-31 15:05 (28)	130	G2 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Unscheduled	2020-06-25 (-11)	<0.03		0 - 0.07
		Day 29	2020-08-04 12:15 (30)	0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071094	Immature Granulocytes (10^9/L)	Day 57	2020-08-31 15:05 (28)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Unscheduled	2020-06-25 (-11)	0.1		0 - 1
		Day 29	2020-08-04 12:15 (30)	0.4		0 - 1
		Day 57	2020-08-31 15:05 (28)	0.3		0 - 1
	Leukocytes (10^9/L)	Unscheduled	2020-06-25 (-11)	7.00		3.7 - 11
		Day 29	2020-08-04 12:15 (30)	7.06		3.7 - 11
		Day 57	2020-08-31 15:05 (28)	7.20		3.7 - 11
	Lymphocytes (10^9/L)	Unscheduled	2020-06-25 (-11)	1.13		0.9 - 3.6
		Day 29	2020-08-04 12:15 (30)	1.35		0.9 - 3.6
		Day 57	2020-08-31 15:05 (28)	1.33		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Unscheduled	2020-06-25 (-11)	16.1		12 - 46
		Day 29	2020-08-04 12:15 (30)	19.1		12 - 46
		Day 57	2020-08-31 15:05 (28)	18.5		12 - 46
	Monocytes (10^9/L)	Unscheduled	2020-06-25 (-11)	0.90		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071094	Monocytes (10^9/L)	Day 29	2020-08-04 12:15 (30)	0.53		0 - 1.2
		Day 57	2020-08-31 15:05 (28)	0.93		0 - 1.2
	Monocytes/Leukocytes (%)	Unscheduled	2020-06-25 (-11)	12.9 (H)		0 - 11
		Day 29	2020-08-04 12:15 (30)	7.5		0 - 11
		Day 57	2020-08-31 15:05 (28)	12.9 (H)		0 - 11
	Neutrophils (10^9/L)	Unscheduled	2020-06-25 (-11)	4.62		1.7 - 7.9
		Day 29	2020-08-04 12:15 (30)	4.78		1.7 - 7.9
		Day 57	2020-08-31 15:05 (28)	4.61		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Unscheduled	2020-06-25 (-11)	66.1		34 - 71
		Day 29	2020-08-04 12:15 (30)	67.8		34 - 71
		Day 57	2020-08-31 15:05 (28)	64.0		34 - 71
	Platelets (10^9/L)	Unscheduled	2020-06-25 (-11)	497 (H)		163 - 375
		Day 29	2020-08-04 12:15 (30)	537 (H)		163 - 375
		Day 57	2020-08-31 15:05 (28)	332		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071094	Prothrombin Intl. Normalized Ratio	Screening	2020-06-22 11:21 (-14)	1.1		0.9 - 1.1
		Unscheduled	2020-06-25 (-11)	1.0		0.9 - 1.1
		Day 29	2020-08-04 12:15 (30)	1.0		0.9 - 1.1
		Day 57	2020-08-31 15:05 (28)	1.1		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-22 11:21 (-14)	12.4		9.4 - 12.5
		Unscheduled	2020-06-25 (-11)	11.5		9.4 - 12.5
		Day 29	2020-08-04 12:15 (30)	12.3		9.4 - 12.5
		Day 57	2020-08-31 15:05 (28)	13.1 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-22 11:21 (-14)	5.71		1.78 - 7.14
		Day 29	2020-08-04 12:15 (30)	6.07		1.78 - 7.14
		Day 57	2020-08-31 15:05 (28)	5.71		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-22 11:21 (-14)	17.8		7.8 - 26.7
		Day 29	2020-08-04 12:15 (30)	18.9		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071094	Urea Nitrogen/Creatinine	Day 57	2020-08-31 15:05 (28)	17.8		7.8 - 26.7
US2071098	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-24 15:02 (-7)	32.8		25.1 - 36.5
		Day 29	2020-08-05 16:10 (36)	34.4		25.1 - 36.5
		Day 57	2020-08-31 08:50 (27)	31.5		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-24 15:02 (-7)	19		10 - 33
		Day 57	2020-08-31 08:50 (27)	15		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-24 15:02 (-7)	114		30 - 115
		Day 57	2020-08-31 08:50 (27)	96		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-24 15:02 (-7)	16		10 - 36
		Day 57	2020-08-31 08:50 (27)	15		10 - 36
	Basophils (10^9/L)	Screening	2020-06-24 15:02 (-7)	<0.03		0 - 0.3
		Day 57	2020-08-31 08:50 (27)	<0.03		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071098	Basophils/Leukocytes (%)	Screening	2020-06-24 15:02 (-7)	0.3		0 - 3
		Day 57	2020-08-31 08:50 (27)	0.4		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-24 15:02 (-7)	9.9		- 18.8
		Day 57	2020-08-31 08:50 (27)	17.3		- 18.8
	Creatinine (umol/L)	Screening	2020-06-24 15:02 (-7)	53 (L)		62 - 124
		Day 57	2020-08-31 08:50 (27)	35 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-24 15:02 (-7)	<3.4		0 - 6.8
		Day 57	2020-08-31 08:50 (27)	4.1		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-24 15:02 (-7)	0.04		0 - 0.8
		Day 57	2020-08-31 08:50 (27)	0.05		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-24 15:02 (-7)	0.6		0 - 7
		Day 57	2020-08-31 08:50 (27)	1.1		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071098	Erythrocytes (10^12/L)	Screening	2020-06-24 15:02 (-7)	4.91		3.7 - 5.2
		Day 57	2020-08-31 08:50 (27)	4.23		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-24 15:02 (-7)	0.480 (H)		0.33 - 0.47
		Day 57	2020-08-31 08:50 (27)	0.453		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-24 15:02 (-7)	153		110 - 155
		Day 57	2020-08-31 08:50 (27)	134	G2 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-24 15:02 (-7)	<0.03		0 - 0.07
		Day 57	2020-08-31 08:50 (27)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-24 15:02 (-7)	0.3		0 - 1
		Day 57	2020-08-31 08:50 (27)	0.4		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-24 15:02 (-7)	6.67		3.7 - 11
		Day 57	2020-08-31 08:50 (27)	4.47		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071098	Lymphocytes (10^9/L)	Screening	2020-06-24 15:02 (-7)	2.04		0.9 - 3.6
		Day 57	2020-08-31 08:50 (27)	1.29		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-24 15:02 (-7)	30.6		12 - 46
		Day 57	2020-08-31 08:50 (27)	28.9		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-24 15:02 (-7)	0.55		0 - 1.2
		Day 57	2020-08-31 08:50 (27)	0.38		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-24 15:02 (-7)	8.2		0 - 11
		Day 57	2020-08-31 08:50 (27)	8.5		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-24 15:02 (-7)	4.00		1.7 - 7.9
		Day 57	2020-08-31 08:50 (27)	2.71		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-24 15:02 (-7)	60.0		34 - 71
		Day 57	2020-08-31 08:50 (27)	60.7		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071098	Platelets (10^9/L)	Screening	2020-06-24 15:02 (-7)	271		163 - 375
		Day 57	2020-08-31 08:50 (27)	216		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-24 15:02 (-7)	1.1		0.9 - 1.1
		Day 29	2020-08-05 16:10 (36)	1.1		0.9 - 1.1
		Day 57	2020-08-31 08:50 (27)	1.1		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-24 15:02 (-7)	12.5		9.4 - 12.5
		Day 29	2020-08-05 16:10 (36)	13.1 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
		Day 57	2020-08-31 08:50 (27)	13.2 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-24 15:02 (-7)	7.14		1.78 - 7.14
		Day 57	2020-08-31 08:50 (27)	6.43		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-24 15:02 (-7)	33.3 (H)		7.8 - 26.7
		Day 57	2020-08-31 08:50 (27)	45.0 (H)		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071100	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-25 10:25 (-11)	39.0 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
		Day 29	2020-08-04 10:22 (30)	32.1		25.1 - 36.5
		Day 57	2020-09-03 10:49 (31)	39.4 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-25 10:25 (-11)	19		10 - 40
		Day 57	2020-09-03 10:49 (31)	23		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-25 10:25 (-11)	75		43 - 115
		Day 57	2020-09-03 10:49 (31)	65		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-25 10:25 (-11)	22		10 - 43
		Day 57	2020-09-03 10:49 (31)	22		10 - 43
	Basophils (10^9/L)	Screening	2020-06-25 10:25 (-11)	0.05		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071100	Basophils (10^9/L)	Unscheduled	2020-06-30 11:08 (-6)	0.09		0 - 0.3
		Day 29	2020-08-04 10:22 (30)	0.04		0 - 0.3
		Unscheduled	2020-08-26 09:54 (23)	0.06		0 - 0.3
		Day 57	2020-09-03 10:49 (31)	0.07		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-25 10:25 (-11)	0.6		0 - 3
		Unscheduled	2020-06-30 11:08 (-6)	1.2		0 - 3
		Day 29	2020-08-04 10:22 (30)	0.5		0 - 3
		Unscheduled	2020-08-26 09:54 (23)	0.8		0 - 3
		Day 57	2020-09-03 10:49 (31)	0.9		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-25 10:25 (-11)	6.5		- 18.8
		Day 57	2020-09-03 10:49 (31)	8.4		- 18.8
	Creatinine (umol/L)	Screening	2020-06-25 10:25 (-11)	71		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071100	Creatinine (umol/L)	Day 57	2020-09-03 10:49 (31)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-25 10:25 (-11)	<3.4		0 - 6.8
		Day 57	2020-09-03 10:49 (31)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-25 10:25 (-11)	0.10		0 - 0.8
		Unscheduled	2020-06-30 11:08 (-6)	0.43		0 - 0.8
		Day 29	2020-08-04 10:22 (30)	0.13		0 - 0.8
		Unscheduled	2020-08-26 09:54 (23)	0.15		0 - 0.8
		Day 57	2020-09-03 10:49 (31)	0.18		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-25 10:25 (-11)	1.2		0 - 7
		Unscheduled	2020-06-30 11:08 (-6)	5.6		0 - 7
		Day 29	2020-08-04 10:22 (30)	1.7		0 - 7
		Unscheduled	2020-08-26 09:54 (23)	1.9		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071100	Eosinophils/Leukocytes (%)	Day 57	2020-09-03 10:49 (31)	2.4		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-25 10:25 (-11)	5.53		4.63 - 6.08
		Unscheduled	2020-06-30 11:08 (-6)	5.02		4.63 - 6.08
		Day 29	2020-08-04 10:22 (30)	5.28		4.63 - 6.08
		Unscheduled	2020-08-26 09:54 (23)	5.27		4.63 - 6.08
		Day 57	2020-09-03 10:49 (31)	5.10		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-25 10:25 (-11)	0.573 (H)		0.37 - 0.51
		Unscheduled	2020-06-30 11:08 (-6)	0.519 (H)		0.37 - 0.51
		Day 29	2020-08-04 10:22 (30)	0.556 (H)		0.37 - 0.51
		Unscheduled	2020-08-26 09:54 (23)	0.540 (H)		0.37 - 0.51
		Day 57	2020-09-03 10:49 (31)	0.527 (H)		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-25 10:25 (-11)	170		125 - 170

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071100	Hemoglobin (g/L)	Unscheduled	2020-06-30 11:08 (-6)	157		125 - 170
		Day 29	2020-08-04 10:22 (30)	163		125 - 170
		Unscheduled	2020-08-26 09:54 (23)	161		125 - 170
		Day 57	2020-09-03 10:49 (31)	158		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-25 10:25 (-11)	0.05		0 - 0.07
		Unscheduled	2020-06-30 11:08 (-6)	0.05		0 - 0.07
		Day 29	2020-08-04 10:22 (30)	<0.03		0 - 0.07
		Unscheduled	2020-08-26 09:54 (23)	0.03		0 - 0.07
		Day 57	2020-09-03 10:49 (31)	0.04		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-25 10:25 (-11)	0.6		0 - 1
		Unscheduled	2020-06-30 11:08 (-6)	0.7		0 - 1
		Day 29	2020-08-04 10:22 (30)	0.3		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071100	Immature Granulocytes/Leukocytes (%)	Unscheduled	2020-08-26 09:54 (23)	0.4		0 - 1
		Day 57	2020-09-03 10:49 (31)	0.5		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-25 10:25 (-11)	8.37		3.7 - 11
		Unscheduled	2020-06-30 11:08 (-6)	7.63		3.7 - 11
		Day 29	2020-08-04 10:22 (30)	7.51		3.7 - 11
		Unscheduled	2020-08-26 09:54 (23)	7.70		3.7 - 11
		Day 57	2020-09-03 10:49 (31)	7.48		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-25 10:25 (-11)	1.77		0.9 - 3.6
		Unscheduled	2020-06-30 11:08 (-6)	1.96		0.9 - 3.6
		Day 29	2020-08-04 10:22 (30)	1.83		0.9 - 3.6
		Unscheduled	2020-08-26 09:54 (23)	1.84		0.9 - 3.6
		Day 57	2020-09-03 10:49 (31)	1.81		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071100	Lymphocytes/Leukocytes (%)	Screening	2020-06-25 10:25 (-11)	21.1		12 - 46
		Unscheduled	2020-06-30 11:08 (-6)	25.7		12 - 46
		Day 29	2020-08-04 10:22 (30)	24.4		12 - 46
		Unscheduled	2020-08-26 09:54 (23)	23.9		12 - 46
		Day 57	2020-09-03 10:49 (31)	24.2		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-25 10:25 (-11)	0.40		0 - 1.2
		Unscheduled	2020-06-30 11:08 (-6)	0.63		0 - 1.2
		Day 29	2020-08-04 10:22 (30)	0.43		0 - 1.2
		Unscheduled	2020-08-26 09:54 (23)	0.46		0 - 1.2
		Day 57	2020-09-03 10:49 (31)	0.37		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-25 10:25 (-11)	4.8		0 - 11
		Unscheduled	2020-06-30 11:08 (-6)	8.3		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071100	Monocytes/Leukocytes (%)	Day 29	2020-08-04 10:22 (30)	5.7		0 - 11
		Unscheduled	2020-08-26 09:54 (23)	6.0		0 - 11
		Day 57	2020-09-03 10:49 (31)	4.9		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-25 10:25 (-11)	6.00		1.7 - 7.9
		Unscheduled	2020-06-30 11:08 (-6)	4.47		1.7 - 7.9
		Day 29	2020-08-04 10:22 (30)	5.06		1.7 - 7.9
		Unscheduled	2020-08-26 09:54 (23)	5.16		1.7 - 7.9
		Day 57	2020-09-03 10:49 (31)	5.01		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-25 10:25 (-11)	71.7 (H)		34 - 71
		Unscheduled	2020-06-30 11:08 (-6)	58.5		34 - 71
		Day 29	2020-08-04 10:22 (30)	67.4		34 - 71
		Unscheduled	2020-08-26 09:54 (23)	67.0		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071100	Neutrophils/Leukocytes (%)	Day 57	2020-09-03 10:49 (31)	67.1		34 - 71
	Platelets (10^9/L)	Screening	2020-06-25 10:25 (-11)	271		163 - 375
		Unscheduled	2020-06-30 11:08 (-6)	246		163 - 375
		Day 29	2020-08-04 10:22 (30)	259		163 - 375
		Unscheduled	2020-08-26 09:54 (23)	255		163 - 375
		Day 57	2020-09-03 10:49 (31)	235		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-25 10:25 (-11)	1.1		0.9 - 1.1
		Day 29	2020-08-04 10:22 (30)	0.9		0.9 - 1.1
		Day 57	2020-09-03 10:49 (31)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-25 10:25 (-11)	12.2		9.4 - 12.5
		Day 29	2020-08-04 10:22 (30)	11.4		9.4 - 12.5
		Day 57	2020-09-03 10:49 (31)	12.7 (H)	G1 Prothrombin Time Increased	9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071100	Urea Nitrogen (mmol/L)	Screening	2020-06-25 10:25 (-11)	3.93		1.78 - 7.14
		Day 57	2020-09-03 10:49 (31)	3.93		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-25 10:25 (-11)	13.8		7.8 - 26.7
		Day 57	2020-09-03 10:49 (31)	13.8		7.8 - 26.7
US2071102	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-25 16:08 (-4)	32.7		25.1 - 36.5
		Day 57	2020-08-24 14:00 (28)	34.9		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-25 16:08 (-4)	24		10 - 33
		Day 29	2020-07-28 13:53 (30)	16		10 - 33
		Day 57	2020-08-24 14:00 (28)	26		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-25 16:08 (-4)	46		30 - 115
		Day 29	2020-07-28 13:53 (30)	47		30 - 115
		Day 57	2020-08-24 14:00 (28)	57		30 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071102	Aspartate Aminotransferase (U/L)	Screening	2020-06-25 16:08 (-4)	20		10 - 36
		Day 29	2020-07-28 13:53 (30)	19		10 - 36
		Day 57	2020-08-24 14:00 (28)	22		10 - 36
	Basophils (10^9/L)	Screening	2020-06-25 16:08 (-4)	0.05		0 - 0.3
		Day 29	2020-07-28 13:53 (30)	0.06		0 - 0.3
		Day 57	2020-08-24 14:00 (28)	0.06		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-25 16:08 (-4)	0.9		0 - 3
		Day 29	2020-07-28 13:53 (30)	1.1		0 - 3
		Day 57	2020-08-24 14:00 (28)	1.0		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-25 16:08 (-4)	5.6		- 18.8
		Day 29	2020-07-28 13:53 (30)	5.0		- 18.8
		Day 57	2020-08-24 14:00 (28)	3.4		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071102	Creatinine (umol/L)	Screening	2020-06-25 16:08 (-4)	80		62 - 124
		Day 29	2020-07-28 13:53 (30)	71		62 - 124
		Day 57	2020-08-24 14:00 (28)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-25 16:08 (-4)	<3.4		0 - 6.8
		Day 29	2020-07-28 13:53 (30)	<3.4		0 - 6.8
		Day 57	2020-08-24 14:00 (28)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-25 16:08 (-4)	0.18		0 - 0.8
		Day 29	2020-07-28 13:53 (30)	0.11		0 - 0.8
		Day 57	2020-08-24 14:00 (28)	0.14		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-25 16:08 (-4)	3.1		0 - 7
		Day 29	2020-07-28 13:53 (30)	1.9		0 - 7
		Day 57	2020-08-24 14:00 (28)	2.4		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071102	Erythrocytes (10^12/L)	Screening	2020-06-25 16:08 (-4)	4.41		3.7 - 5.2
		Day 29	2020-07-28 13:53 (30)	4.35		3.7 - 5.2
		Day 57	2020-08-24 14:00 (28)	4.49		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-25 16:08 (-4)	0.428		0.33 - 0.47
		Day 29	2020-07-28 13:53 (30)	0.428		0.33 - 0.47
		Day 57	2020-08-24 14:00 (28)	0.447		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-25 16:08 (-4)	132		110 - 155
		Day 29	2020-07-28 13:53 (30)	131	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-24 14:00 (28)	135		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-25 16:08 (-4)	<0.03		0 - 0.07
		Day 29	2020-07-28 13:53 (30)	<0.03		0 - 0.07
		Day 57	2020-08-24 14:00 (28)	0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071102	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-25 16:08 (-4)	0.2		0 - 1
		Day 29	2020-07-28 13:53 (30)	0.4		0 - 1
		Day 57	2020-08-24 14:00 (28)	0.5		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-25 16:08 (-4)	5.85		3.7 - 11
		Day 29	2020-07-28 13:53 (30)	5.66		3.7 - 11
		Day 57	2020-08-24 14:00 (28)	5.94		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-25 16:08 (-4)	1.43		0.9 - 3.6
		Day 29	2020-07-28 13:53 (30)	1.47		0.9 - 3.6
		Day 57	2020-08-24 14:00 (28)	1.64		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-25 16:08 (-4)	24.4		12 - 46
		Day 29	2020-07-28 13:53 (30)	26.0		12 - 46
		Day 57	2020-08-24 14:00 (28)	27.6		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071102	Monocytes (10^9/L)	Screening	2020-06-25 16:08 (-4)	0.27		0 - 1.2
		Day 29	2020-07-28 13:53 (30)	0.29		0 - 1.2
		Day 57	2020-08-24 14:00 (28)	0.27		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-25 16:08 (-4)	4.6		0 - 11
		Day 29	2020-07-28 13:53 (30)	5.1		0 - 11
		Day 57	2020-08-24 14:00 (28)	4.5		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-25 16:08 (-4)	3.91		1.7 - 7.9
		Day 29	2020-07-28 13:53 (30)	3.71		1.7 - 7.9
		Day 57	2020-08-24 14:00 (28)	3.80		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-25 16:08 (-4)	66.8		34 - 71
		Day 29	2020-07-28 13:53 (30)	65.5		34 - 71
		Day 57	2020-08-24 14:00 (28)	64.0		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071102	Platelets (10^9/L)	Screening	2020-06-25 16:08 (-4)	225		163 - 375
		Day 29	2020-07-28 13:53 (30)	240		163 - 375
		Day 57	2020-08-24 14:00 (28)	239		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-25 16:08 (-4)	0.9		0.9 - 1.1
		Day 57	2020-08-24 14:00 (28)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-25 16:08 (-4)	10.5		9.4 - 12.5
		Day 57	2020-08-24 14:00 (28)	11.6		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-25 16:08 (-4)	3.93		1.78 - 7.14
		Day 29	2020-07-28 13:53 (30)	3.93		1.78 - 7.14
		Day 57	2020-08-24 14:00 (28)	3.57		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-25 16:08 (-4)	12.2		7.8 - 26.7
		Day 29	2020-07-28 13:53 (30)	13.8		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071102	Urea Nitrogen/Creatinine	Day 57	2020-08-24 14:00 (28)	14.3		7.8 - 26.7
US2071103	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-26 15:16 (-6)	35.4		25.1 - 36.5
		Day 29	2020-08-06 09:08 (36)	41.7 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
		Day 57	2020-09-11 12:30 (37)	35.9		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-26 15:16 (-6)	8 (L)		10 - 33
		Day 29	2020-08-06 09:08 (36)	8 (L)		10 - 33
		Day 57	2020-09-11 12:30 (37)	9 (L)		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-26 15:16 (-6)	58		30 - 115
		Day 29	2020-08-06 09:08 (36)	81		30 - 115
		Day 57	2020-09-11 12:30 (37)	53		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-26 15:16 (-6)	14		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071103	Aspartate Aminotransferase (U/L)	Day 29	2020-08-06 09:08 (36)	24		10 - 36
		Day 57	2020-09-11 12:30 (37)	12		10 - 36
	Basophils (10^9/L)	Screening	2020-06-26 15:16 (-6)	0.03		0 - 0.3
		Day 57	2020-09-11 12:30 (37)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-26 15:16 (-6)	0.4		0 - 3
		Day 57	2020-09-11 12:30 (37)	0.6		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-26 15:16 (-6)	2.7		- 18.8
		Day 29	2020-08-06 09:08 (36)	4.3		- 18.8
		Day 57	2020-09-11 12:30 (37)	4.6		- 18.8
	Creatinine (umol/L)	Screening	2020-06-26 15:16 (-6)	62		62 - 124
		Day 29	2020-08-06 09:08 (36)	62		62 - 124
		Day 57	2020-09-11 12:30 (37)	62		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071103	Direct Bilirubin (umol/L)	Screening	2020-06-26 15:16 (-6)	<3.4		0 - 6.8
		Day 29	2020-08-06 09:08 (36)	<3.4		0 - 6.8
		Day 57	2020-09-11 12:30 (37)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-26 15:16 (-6)	0.18		0 - 0.8
		Day 57	2020-09-11 12:30 (37)	0.23		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-26 15:16 (-6)	2.5		0 - 7
		Day 57	2020-09-11 12:30 (37)	4.3		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-26 15:16 (-6)	4.37		3.7 - 5.2
		Day 57	2020-09-11 12:30 (37)	4.55		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-26 15:16 (-6)	0.470		0.33 - 0.47
		Day 57	2020-09-11 12:30 (37)	0.468		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-26 15:16 (-6)	137		110 - 155

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071103	Hemoglobin (g/L)	Day 57	2020-09-11 12:30 (37)	141		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-26 15:16 (-6)	<0.03		0 - 0.07
		Day 57	2020-09-11 12:30 (37)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-26 15:16 (-6)	0.3		0 - 1
		Day 57	2020-09-11 12:30 (37)	0.4		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-26 15:16 (-6)	7.22		3.7 - 11
		Day 57	2020-09-11 12:30 (37)	5.40		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-26 15:16 (-6)	1.43		0.9 - 3.6
		Day 57	2020-09-11 12:30 (37)	1.46		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-26 15:16 (-6)	19.8		12 - 46
		Day 57	2020-09-11 12:30 (37)	27.0		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-26 15:16 (-6)	0.41		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071103	Monocytes (10^9/L)	Day 57	2020-09-11 12:30 (37)	0.35		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-26 15:16 (-6)	5.7		0 - 11
		Day 57	2020-09-11 12:30 (37)	6.5		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-26 15:16 (-6)	5.15		1.7 - 7.9
		Day 57	2020-09-11 12:30 (37)	3.31		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-26 15:16 (-6)	71.3 (H)		34 - 71
		Day 57	2020-09-11 12:30 (37)	61.2		34 - 71
	Platelets (10^9/L)	Screening	2020-06-26 15:16 (-6)	177		163 - 375
		Day 57	2020-09-11 12:30 (37)	279		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-26 15:16 (-6)	0.9		0.9 - 1.1
		Day 29	2020-08-06 09:08 (36)	1.1		0.9 - 1.1
		Day 57	2020-09-11 12:30 (37)	1.0		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071103	Prothrombin Time (sec)	Screening	2020-06-26 15:16 (-6)	10.8		9.4 - 12.5
		Day 29	2020-08-06 09:08 (36)	13.8 (H)	G2 Prothrombin Time Increased	9.4 - 12.5
		Day 57	2020-09-11 12:30 (37)	11.8		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-26 15:16 (-6)	3.57		1.78 - 7.14
		Day 29	2020-08-06 09:08 (36)	7.14		1.78 - 7.14
		Day 57	2020-09-11 12:30 (37)	2.86		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-26 15:16 (-6)	14.3		7.8 - 26.7
		Day 29	2020-08-06 09:08 (36)	28.6 (H)		7.8 - 26.7
		Day 57	2020-09-11 12:30 (37)	11.4		7.8 - 26.7
US2071105	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-30 09:04 (-6)	34.1		25.1 - 36.5
		Day 29	2020-08-10 11:12 (36)	39.0 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071105	Activated Partial Thromboplastin Time (sec)	Day 57	2020-09-09 12:41 (31)	27.1		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-30 09:04 (-6)	15		10 - 40
		Day 29	2020-08-10 11:12 (36)	14		10 - 40
		Day 57	2020-09-09 12:41 (31)	14		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-30 09:04 (-6)	65		43 - 115
		Day 29	2020-08-10 11:12 (36)	72		43 - 115
		Day 57	2020-09-09 12:41 (31)	76		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-30 09:04 (-6)	18		10 - 43
		Day 29	2020-08-10 11:12 (36)	21		10 - 43
		Day 57	2020-09-09 12:41 (31)	16		10 - 43
	Basophils (10^9/L)	Screening	2020-06-30 09:04 (-6)	0.05		0 - 0.3
		Day 57	2020-09-09 12:41 (31)	0.04		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071105	Basophils/Leukocytes (%)	Screening	2020-06-30 09:04 (-6)	1.1		0 - 3
		Day 57	2020-09-09 12:41 (31)	0.6		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-30 09:04 (-6)	11.3		- 18.8
		Day 29	2020-08-10 11:12 (36)	11.5		- 18.8
		Day 57	2020-09-09 12:41 (31)	10.8		- 18.8
	Creatinine (umol/L)	Screening	2020-06-30 09:04 (-6)	71		62 - 124
		Day 29	2020-08-10 11:12 (36)	53 (L)		62 - 124
		Day 57	2020-09-09 12:41 (31)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-30 09:04 (-6)	<3.4		0 - 6.8
		Day 29	2020-08-10 11:12 (36)	<3.4		0 - 6.8
		Day 57	2020-09-09 12:41 (31)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-30 09:04 (-6)	0.10		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071105	Eosinophils (10^9/L)	Day 57	2020-09-09 12:41 (31)	0.09		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-30 09:04 (-6)	2.2		0 - 7
		Day 57	2020-09-09 12:41 (31)	1.4		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-30 09:04 (-6)	5.86		4.63 - 6.08
		Day 57	2020-09-09 12:41 (31)	5.30		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-30 09:04 (-6)	0.583 (H)		0.37 - 0.51
		Day 57	2020-09-09 12:41 (31)	0.504		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-30 09:04 (-6)	170		125 - 170
		Day 57	2020-09-09 12:41 (31)	158	G1 Hemoglobin Decreased	125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-30 09:04 (-6)	0.03		0 - 0.07
		Day 57	2020-09-09 12:41 (31)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-30 09:04 (-6)	0.6		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071105	Immature Granulocytes/Leukocytes (%)	Day 57	2020-09-09 12:41 (31)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-30 09:04 (-6)	4.63		3.7 - 11
		Day 57	2020-09-09 12:41 (31)	6.21		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-30 09:04 (-6)	1.37		0.9 - 3.6
		Day 57	2020-09-09 12:41 (31)	1.44		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-30 09:04 (-6)	29.6		12 - 46
		Day 57	2020-09-09 12:41 (31)	23.2		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-30 09:04 (-6)	0.43		0 - 1.2
		Day 57	2020-09-09 12:41 (31)	0.44		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-30 09:04 (-6)	9.3		0 - 11
		Day 57	2020-09-09 12:41 (31)	7.1		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-30 09:04 (-6)	2.65		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071105	Neutrophils (10^9/L)	Day 57	2020-09-09 12:41 (31)	4.19		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-30 09:04 (-6)	57.2		34 - 71
		Day 57	2020-09-09 12:41 (31)	67.5		34 - 71
	Platelets (10^9/L)	Screening	2020-06-30 09:04 (-6)	158 (L)		163 - 375
		Day 57	2020-09-09 12:41 (31)	167		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-30 09:04 (-6)	1.0		0.9 - 1.1
		Day 29	2020-08-10 11:12 (36)	1.1		0.9 - 1.1
		Day 57	2020-09-09 12:41 (31)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-30 09:04 (-6)	11.2		9.4 - 12.5
		Day 29	2020-08-10 11:12 (36)	13.3 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
		Day 57	2020-09-09 12:41 (31)	11.4		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-30 09:04 (-6)	3.93		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071105	Urea Nitrogen (mmol/L)	Day 29	2020-08-10 11:12 (36)	4.28		1.78 - 7.14
		Day 57	2020-09-09 12:41 (31)	5.71		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-30 09:04 (-6)	13.8		7.8 - 26.7
		Day 29	2020-08-10 11:12 (36)	20.0		7.8 - 26.7
		Day 57	2020-09-09 12:41 (31)	22.9		7.8 - 26.7
US2081004	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-26 11:26 (-3)	26.4		25.1 - 36.5
		Day 29	2020-06-29 11:20 (32)	28.2		25.1 - 36.5
		Day 57	2020-07-27 10:12 (29)	27.5		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-05-26 11:26 (-3)	19		10 - 33
		Day 29	2020-06-29 11:20 (32)	13		10 - 33
		Day 57	2020-07-27 10:12 (29)	13		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-26 11:26 (-3)	42		30 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081004	Alkaline Phosphatase (U/L)	Day 29	2020-06-29 11:20 (32)	41		30 - 115
		Day 57	2020-07-27 10:12 (29)	46		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-26 11:26 (-3)	14		10 - 36
		Day 29	2020-06-29 11:20 (32)	11		10 - 36
		Day 57	2020-07-27 10:12 (29)	16		10 - 36
	Basophils (10^9/L)	Screening	2020-05-26 11:26 (-3)	<0.03		0 - 0.3
		Day 29	2020-06-29 11:20 (32)	0.04		0 - 0.3
		Day 57	2020-07-27 10:12 (29)	0.05		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-26 11:26 (-3)	0.2		0 - 3
		Day 29	2020-06-29 11:20 (32)	0.6		0 - 3
		Day 57	2020-07-27 10:12 (29)	0.7		0 - 3
	Bilirubin (umol/L)	Screening	2020-05-26 11:26 (-3)	3.8		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081004	Bilirubin (umol/L)	Day 29	2020-06-29 11:20 (32)	3.1		- 18.8
		Day 57	2020-07-27 10:12 (29)	5.3		- 18.8
	Creatinine (umol/L)	Screening	2020-05-26 11:26 (-3)	44 (L)		62 - 124
		Day 29	2020-06-29 11:20 (32)	53 (L)		62 - 124
		Day 57	2020-07-27 10:12 (29)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-26 11:26 (-3)	<3.4		0 - 6.8
		Day 29	2020-06-29 11:20 (32)	<3.4		0 - 6.8
		Day 57	2020-07-27 10:12 (29)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-05-26 11:26 (-3)	<0.03		0 - 0.8
		Day 29	2020-06-29 11:20 (32)	0.05		0 - 0.8
		Day 57	2020-07-27 10:12 (29)	0.07		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-26 11:26 (-3)	0.1		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081004	Eosinophils/Leukocytes (%)	Day 29	2020-06-29 11:20 (32)	0.7		0 - 7
		Day 57	2020-07-27 10:12 (29)	1.0		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-26 11:26 (-3)	4.60		3.7 - 5.2
		Day 29	2020-06-29 11:20 (32)	4.35		3.7 - 5.2
		Day 57	2020-07-27 10:12 (29)	4.34		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-26 11:26 (-3)	0.464		0.33 - 0.47
		Day 29	2020-06-29 11:20 (32)	0.465		0.33 - 0.47
		Day 57	2020-07-27 10:12 (29)	0.454		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-26 11:26 (-3)	146		110 - 155
		Day 29	2020-06-29 11:20 (32)	141	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-07-27 10:12 (29)	140	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-26 11:26 (-3)	0.04		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081004	Immature Granulocytes (10^9/L)	Day 29	2020-06-29 11:20 (32)	<0.03		0 - 0.07
		Day 57	2020-07-27 10:12 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-26 11:26 (-3)	0.4		0 - 1
		Day 29	2020-06-29 11:20 (32)	0.3		0 - 1
		Day 57	2020-07-27 10:12 (29)	0.1		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-26 11:26 (-3)	9.50		3.7 - 11
		Day 29	2020-06-29 11:20 (32)	7.19		3.7 - 11
		Day 57	2020-07-27 10:12 (29)	6.99		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-26 11:26 (-3)	1.27		0.9 - 3.6
		Day 29	2020-06-29 11:20 (32)	1.40		0.9 - 3.6
		Day 57	2020-07-27 10:12 (29)	1.36		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-26 11:26 (-3)	13.4		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081004	Lymphocytes/Leukocytes (%)	Day 29	2020-06-29 11:20 (32)	19.5		12 - 46
		Day 57	2020-07-27 10:12 (29)	19.5		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-26 11:26 (-3)	0.60		0 - 1.2
		Day 29	2020-06-29 11:20 (32)	0.51		0 - 1.2
		Day 57	2020-07-27 10:12 (29)	0.52		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-26 11:26 (-3)	6.3		0 - 11
		Day 29	2020-06-29 11:20 (32)	7.1		0 - 11
		Day 57	2020-07-27 10:12 (29)	7.4		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-26 11:26 (-3)	7.56		1.7 - 7.9
		Day 29	2020-06-29 11:20 (32)	5.17		1.7 - 7.9
		Day 57	2020-07-27 10:12 (29)	4.98		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-26 11:26 (-3)	79.6 (H)		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081004	Neutrophils/Leukocytes (%)	Day 29	2020-06-29 11:20 (32)	71.8 (H)		34 - 71
		Day 57	2020-07-27 10:12 (29)	71.3 (H)		34 - 71
	Platelets (10^9/L)	Screening	2020-05-26 11:26 (-3)	373		163 - 375
		Day 29	2020-06-29 11:20 (32)	391 (H)		163 - 375
		Day 57	2020-07-27 10:12 (29)	394 (H)		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-26 11:26 (-3)	0.9		0.9 - 1.1
		Day 29	2020-06-29 11:20 (32)	0.9		0.9 - 1.1
		Day 57	2020-07-27 10:12 (29)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-26 11:26 (-3)	10.5		9.4 - 12.5
		Day 29	2020-06-29 11:20 (32)	10.2		9.4 - 12.5
		Day 57	2020-07-27 10:12 (29)	10.8		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-05-26 11:26 (-3)	5.71		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081004	Urea Nitrogen (mmol/L)	Day 29	2020-06-29 11:20 (32)	4.64		1.78 - 7.14
		Day 57	2020-07-27 10:12 (29)	3.57		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-26 11:26 (-3)	32.0 (H)		7.8 - 26.7
		Day 29	2020-06-29 11:20 (32)	21.7		7.8 - 26.7
		Day 57	2020-07-27 10:12 (29)	14.3		7.8 - 26.7
US2081005	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-26 12:57 (-6)	33.7		25.1 - 36.5
		Day 29	2020-07-01 13:15 (31)	34.2		25.1 - 36.5
		Day 57	2020-07-28 12:15 (28)	28.2		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-05-26 12:57 (-6)	16		10 - 33
		Day 29	2020-07-01 13:15 (31)	17		10 - 33
		Day 57	2020-07-28 12:15 (28)	16		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-26 12:57 (-6)	84		30 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081005	Alkaline Phosphatase (U/L)	Day 29	2020-07-01 13:15 (31)	84		30 - 115
		Day 57	2020-07-28 12:15 (28)	84		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-26 12:57 (-6)	24		10 - 36
		Day 29	2020-07-01 13:15 (31)	24		10 - 36
		Day 57	2020-07-28 12:15 (28)	19		10 - 36
	Basophils (10^9/L)	Screening	2020-05-26 12:57 (-6)	0.07		0 - 0.3
		Day 29	2020-07-01 13:15 (31)	0.07		0 - 0.3
		Day 57	2020-07-28 12:15 (28)	0.06		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-26 12:57 (-6)	1.0		0 - 3
		Day 29	2020-07-01 13:15 (31)	0.9		0 - 3
		Day 57	2020-07-28 12:15 (28)	1.0		0 - 3
	Bilirubin (umol/L)	Screening	2020-05-26 12:57 (-6)	3.8		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081005	Bilirubin (umol/L)	Day 29	2020-07-01 13:15 (31)	4.1		- 18.8
		Day 57	2020-07-28 12:15 (28)	3.1		- 18.8
	Creatinine (umol/L)	Screening	2020-05-26 12:57 (-6)	44 (L)		62 - 124
		Day 29	2020-07-01 13:15 (31)	44 (L)		62 - 124
		Day 57	2020-07-28 12:15 (28)	44 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-26 12:57 (-6)	<3.4		0 - 6.8
		Day 29	2020-07-01 13:15 (31)	<3.4		0 - 6.8
		Day 57	2020-07-28 12:15 (28)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-05-26 12:57 (-6)	0.08		0 - 0.8
		Day 29	2020-07-01 13:15 (31)	0.07		0 - 0.8
		Day 57	2020-07-28 12:15 (28)	0.09		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-26 12:57 (-6)	1.2		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081005	Eosinophils/Leukocytes (%)	Day 29	2020-07-01 13:15 (31)	0.9		0 - 7
		Day 57	2020-07-28 12:15 (28)	1.6		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-26 12:57 (-6)	4.49		3.7 - 5.2
		Day 29	2020-07-01 13:15 (31)	4.02		3.7 - 5.2
		Day 57	2020-07-28 12:15 (28)	4.24		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-26 12:57 (-6)	0.429		0.33 - 0.47
		Day 29	2020-07-01 13:15 (31)	0.379		0.33 - 0.47
		Day 57	2020-07-28 12:15 (28)	0.396		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-26 12:57 (-6)	137		110 - 155
		Day 29	2020-07-01 13:15 (31)	124	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-07-28 12:15 (28)	130	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-26 12:57 (-6)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081005	Immature Granulocytes (10^9/L)	Day 29	2020-07-01 13:15 (31)	<0.03		0 - 0.07
		Day 57	2020-07-28 12:15 (28)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-26 12:57 (-6)	0.3		0 - 1
		Day 29	2020-07-01 13:15 (31)	0.1		0 - 1
		Day 57	2020-07-28 12:15 (28)	0.0		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-26 12:57 (-6)	6.68		3.7 - 11
		Day 29	2020-07-01 13:15 (31)	7.45		3.7 - 11
		Day 57	2020-07-28 12:15 (28)	5.80		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-26 12:57 (-6)	2.67		0.9 - 3.6
		Day 29	2020-07-01 13:15 (31)	2.82		0.9 - 3.6
		Day 57	2020-07-28 12:15 (28)	2.63		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-26 12:57 (-6)	40.0		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081005	Lymphocytes/Leukocytes (%)	Day 29	2020-07-01 13:15 (31)	37.9		12 - 46
		Day 57	2020-07-28 12:15 (28)	45.3		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-26 12:57 (-6)	0.53		0 - 1.2
		Day 29	2020-07-01 13:15 (31)	0.58		0 - 1.2
		Day 57	2020-07-28 12:15 (28)	0.46		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-26 12:57 (-6)	7.9		0 - 11
		Day 29	2020-07-01 13:15 (31)	7.8		0 - 11
		Day 57	2020-07-28 12:15 (28)	7.9		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-26 12:57 (-6)	3.31		1.7 - 7.9
		Day 29	2020-07-01 13:15 (31)	3.90		1.7 - 7.9
		Day 57	2020-07-28 12:15 (28)	2.56		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-26 12:57 (-6)	49.6		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081005	Neutrophils/Leukocytes (%)	Day 29	2020-07-01 13:15 (31)	52.4		34 - 71
		Day 57	2020-07-28 12:15 (28)	44.2		34 - 71
	Platelets (10^9/L)	Screening	2020-05-26 12:57 (-6)	341		163 - 375
		Day 29	2020-07-01 13:15 (31)	327		163 - 375
		Day 57	2020-07-28 12:15 (28)	303		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-26 12:57 (-6)	1.0		0.9 - 1.1
		Day 29	2020-07-01 13:15 (31)	1.1		0.9 - 1.1
		Day 57	2020-07-28 12:15 (28)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-26 12:57 (-6)	11.4		9.4 - 12.5
		Day 29	2020-07-01 13:15 (31)	12.3		9.4 - 12.5
		Day 57	2020-07-28 12:15 (28)	12.1		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-05-26 12:57 (-6)	3.57		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081005	Urea Nitrogen (mmol/L)	Day 29	2020-07-01 13:15 (31)	3.57		1.78 - 7.14
		Day 57	2020-07-28 12:15 (28)	5.00		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-26 12:57 (-6)	20.0		7.8 - 26.7
		Day 29	2020-07-01 13:15 (31)	20.0		7.8 - 26.7
		Day 57	2020-07-28 12:15 (28)	28.0 (H)		7.8 - 26.7
US2081007	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-27 08:11 (-5)	30.5		25.1 - 36.5
		Day 29	2020-06-30 15:07 (30)	27.9		25.1 - 36.5
		Day 57	2020-07-28 07:10 (29)	26.1		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-05-27 08:11 (-5)	15		10 - 33
		Day 29	2020-06-30 15:07 (30)	22		10 - 33
		Day 57	2020-07-28 07:10 (29)	17		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-27 08:11 (-5)	56		30 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081007	Alkaline Phosphatase (U/L)	Day 29	2020-06-30 15:07 (30)	59		30 - 115
		Day 57	2020-07-28 07:10 (29)	51		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-27 08:11 (-5)	20		10 - 36
		Day 29	2020-06-30 15:07 (30)	15		10 - 36
		Day 57	2020-07-28 07:10 (29)	21		10 - 36
	Basophils (10^9/L)	Screening	2020-05-27 08:11 (-5)	0.03		0 - 0.3
		Day 29	2020-06-30 15:07 (30)	0.03		0 - 0.3
		Day 57	2020-07-28 07:10 (29)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-27 08:11 (-5)	0.6		0 - 3
		Day 29	2020-06-30 15:07 (30)	0.5		0 - 3
		Day 57	2020-07-28 07:10 (29)	0.6		0 - 3
	Bilirubin (umol/L)	Screening	2020-05-27 08:11 (-5)	6.0		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081007	Bilirubin (umol/L)	Day 29	2020-06-30 15:07 (30)	3.9		- 18.8
		Day 57	2020-07-28 07:10 (29)	7.7		- 18.8
	Creatinine (umol/L)	Screening	2020-05-27 08:11 (-5)	53 (L)		62 - 124
		Day 29	2020-06-30 15:07 (30)	53 (L)		62 - 124
		Day 57	2020-07-28 07:10 (29)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-27 08:11 (-5)	<3.4		0 - 6.8
		Day 29	2020-06-30 15:07 (30)	<3.4		0 - 6.8
		Day 57	2020-07-28 07:10 (29)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-05-27 08:11 (-5)	0.04		0 - 0.8
		Day 29	2020-06-30 15:07 (30)	0.04		0 - 0.8
		Day 57	2020-07-28 07:10 (29)	0.07		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-27 08:11 (-5)	0.7		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081007	Eosinophils/Leukocytes (%)	Day 29	2020-06-30 15:07 (30)	0.7		0 - 7
		Day 57	2020-07-28 07:10 (29)	1.3		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-27 08:11 (-5)	4.41		3.7 - 5.2
		Day 29	2020-06-30 15:07 (30)	4.14		3.7 - 5.2
		Day 57	2020-07-28 07:10 (29)	4.12		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-27 08:11 (-5)	0.456		0.33 - 0.47
		Day 29	2020-06-30 15:07 (30)	0.428		0.33 - 0.47
		Day 57	2020-07-28 07:10 (29)	0.417		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-27 08:11 (-5)	146		110 - 155
		Day 29	2020-06-30 15:07 (30)	135	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-07-28 07:10 (29)	135	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-27 08:11 (-5)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081007	Immature Granulocytes (10^9/L)	Day 29	2020-06-30 15:07 (30)	<0.03		0 - 0.07
		Day 57	2020-07-28 07:10 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-27 08:11 (-5)	0.2		0 - 1
		Day 29	2020-06-30 15:07 (30)	0.2		0 - 1
		Day 57	2020-07-28 07:10 (29)	0.0		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-27 08:11 (-5)	5.37		3.7 - 11
		Day 29	2020-06-30 15:07 (30)	6.07		3.7 - 11
		Day 57	2020-07-28 07:10 (29)	5.27		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-27 08:11 (-5)	1.78		0.9 - 3.6
		Day 29	2020-06-30 15:07 (30)	2.00		0.9 - 3.6
		Day 57	2020-07-28 07:10 (29)	1.71		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-27 08:11 (-5)	33.1		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081007	Lymphocytes/Leukocytes (%)	Day 29	2020-06-30 15:07 (30)	32.9		12 - 46
		Day 57	2020-07-28 07:10 (29)	32.4		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-27 08:11 (-5)	0.55		0 - 1.2
		Day 29	2020-06-30 15:07 (30)	0.42		0 - 1.2
		Day 57	2020-07-28 07:10 (29)	0.40		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-27 08:11 (-5)	10.2		0 - 11
		Day 29	2020-06-30 15:07 (30)	6.9		0 - 11
		Day 57	2020-07-28 07:10 (29)	7.6		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-27 08:11 (-5)	2.96		1.7 - 7.9
		Day 29	2020-06-30 15:07 (30)	3.57		1.7 - 7.9
		Day 57	2020-07-28 07:10 (29)	3.06		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-27 08:11 (-5)	55.2		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081007	Neutrophils/Leukocytes (%)	Day 29	2020-06-30 15:07 (30)	58.8		34 - 71
		Day 57	2020-07-28 07:10 (29)	58.1		34 - 71
	Platelets (10^9/L)	Screening	2020-05-27 08:11 (-5)	243		163 - 375
		Day 29	2020-06-30 15:07 (30)	248		163 - 375
		Day 57	2020-07-28 07:10 (29)	218		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-27 08:11 (-5)	0.9		0.9 - 1.1
		Day 29	2020-06-30 15:07 (30)	0.9		0.9 - 1.1
		Day 57	2020-07-28 07:10 (29)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-27 08:11 (-5)	10.4		9.4 - 12.5
		Day 29	2020-06-30 15:07 (30)	10.1		9.4 - 12.5
		Day 57	2020-07-28 07:10 (29)	10.8		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-05-27 08:11 (-5)	5.71		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081007	Urea Nitrogen (mmol/L)	Day 29	2020-06-30 15:07 (30)	10.71 (H)	G2 Blood Urea Nitrogen Increased	1.78 - 7.14
		Day 57	2020-07-28 07:10 (29)	6.78		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-27 08:11 (-5)	26.7		7.8 - 26.7
		Day 29	2020-06-30 15:07 (30)	50.0 (H)		7.8 - 26.7
		Day 57	2020-07-28 07:10 (29)	31.7 (H)		7.8 - 26.7
US2081015	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-27 13:40 (-5)	38.6 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
		Day 29	2020-07-01 09:10 (31)	25.6		25.1 - 36.5
		Day 57	2020-07-27 09:11 (27)	23.4 (L)		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-05-27 13:40 (-5)	18		10 - 33
		Day 29	2020-07-01 09:10 (31)	22		10 - 33

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081015	Alanine Aminotransferase (U/L)	Day 57	2020-07-27 09:11 (27)	17		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-27 13:40 (-5)	73		30 - 115
		Day 29	2020-07-01 09:10 (31)	49		30 - 115
		Day 57	2020-07-27 09:11 (27)	44		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-27 13:40 (-5)	26		10 - 36
		Day 29	2020-07-01 09:10 (31)	34		10 - 36
		Day 57	2020-07-27 09:11 (27)	37 (H)		10 - 36
	Basophils (10^9/L)	Screening	2020-05-27 13:40 (-5)	0.09		0 - 0.3
		Unscheduled	2020-07-09 08:45 (9)	0.06		0 - 0.3
		Day 57	2020-07-27 09:11 (27)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-27 13:40 (-5)	2.1		0 - 3
		Unscheduled	2020-07-09 08:45 (9)	1.8		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081015	Basophils/Leukocytes (%)	Day 57	2020-07-27 09:11 (27)	1.3		0 - 3
	Bilirubin (umol/L)	Screening	2020-05-27 13:40 (-5)	6.2		- 18.8
		Day 29	2020-07-01 09:10 (31)	9.1		- 18.8
		Day 57	2020-07-27 09:11 (27)	7.0		- 18.8
	Creatinine (umol/L)	Screening	2020-05-27 13:40 (-5)	62		62 - 124
		Day 29	2020-07-01 09:10 (31)	44 (L)		62 - 124
		Day 57	2020-07-27 09:11 (27)	44 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-27 13:40 (-5)	<3.4		0 - 6.8
		Day 29	2020-07-01 09:10 (31)	<3.4		0 - 6.8
		Day 57	2020-07-27 09:11 (27)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-05-27 13:40 (-5)	0.52		0 - 0.8
		Unscheduled	2020-07-09 08:45 (9)	0.34		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081015	Eosinophils (10^9/L)	Day 57	2020-07-27 09:11 (27)	0.25		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-27 13:40 (-5)	12.0 (H)		0 - 7
		Unscheduled	2020-07-09 08:45 (9)	10.3 (H)		0 - 7
		Day 57	2020-07-27 09:11 (27)	7.9 (H)		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-27 13:40 (-5)	4.24		3.7 - 5.2
		Unscheduled	2020-07-09 08:45 (9)	4.23		3.7 - 5.2
		Day 57	2020-07-27 09:11 (27)	4.04		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-27 13:40 (-5)	0.411		0.33 - 0.47
		Unscheduled	2020-07-09 08:45 (9)	0.424		0.33 - 0.47
		Day 57	2020-07-27 09:11 (27)	0.401		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-27 13:40 (-5)	130		110 - 155
		Unscheduled	2020-07-09 08:45 (9)	131		110 - 155

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081015	Hemoglobin (g/L)	Day 57	2020-07-27 09:11 (27)	127	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-27 13:40 (-5)	<0.03		0 - 0.07
		Unscheduled	2020-07-09 08:45 (9)	<0.03		0 - 0.07
		Day 57	2020-07-27 09:11 (27)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-27 13:40 (-5)	0.2		0 - 1
		Unscheduled	2020-07-09 08:45 (9)	0.3		0 - 1
		Day 57	2020-07-27 09:11 (27)	0.0		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-27 13:40 (-5)	4.32		3.7 - 11
		Unscheduled	2020-07-09 08:45 (9)	3.30 (L)	G1 WBC Decreased	3.7 - 11
		Day 57	2020-07-27 09:11 (27)	3.18 (L)	G1 WBC Decreased	3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-27 13:40 (-5)	1.83		0.9 - 3.6
		Unscheduled	2020-07-09 08:45 (9)	1.26		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081015	Lymphocytes (10^9/L)	Day 57	2020-07-27 09:11 (27)	1.19		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-27 13:40 (-5)	42.4		12 - 46
		Unscheduled	2020-07-09 08:45 (9)	38.2		12 - 46
		Day 57	2020-07-27 09:11 (27)	37.4		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-27 13:40 (-5)	0.41		0 - 1.2
		Unscheduled	2020-07-09 08:45 (9)	0.31		0 - 1.2
		Day 57	2020-07-27 09:11 (27)	0.27		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-27 13:40 (-5)	9.5		0 - 11
		Unscheduled	2020-07-09 08:45 (9)	9.4		0 - 11
		Day 57	2020-07-27 09:11 (27)	8.5		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-27 13:40 (-5)	1.46 (L)	G2 Neutrophils Decreased	1.7 - 7.9
		Unscheduled	2020-07-09 08:45 (9)	1.32 (L)	G2 Neutrophils Decreased	1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081015	Neutrophils (10^9/L)	Day 57	2020-07-27 09:11 (27)	1.43 (L)	G2 Neutrophils Decreased	1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-27 13:40 (-5)	33.8 (L)		34 - 71
		Unscheduled	2020-07-09 08:45 (9)	40.0		34 - 71
		Day 57	2020-07-27 09:11 (27)	44.9		34 - 71
	Platelets (10^9/L)	Screening	2020-05-27 13:40 (-5)	255		163 - 375
		Unscheduled	2020-07-09 08:45 (9)	267		163 - 375
		Day 57	2020-07-27 09:11 (27)	246		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-27 13:40 (-5)	1.0		0.9 - 1.1
		Day 29	2020-07-01 09:10 (31)	0.9		0.9 - 1.1
		Day 57	2020-07-27 09:11 (27)	0.8 (L)		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-27 13:40 (-5)	11.6		9.4 - 12.5
		Day 29	2020-07-01 09:10 (31)	10.2		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081015	Prothrombin Time (sec)	Day 57	2020-07-27 09:11 (27)	10.2		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-05-27 13:40 (-5)	5.00		1.78 - 7.14
		Day 29	2020-07-01 09:10 (31)	3.21		1.78 - 7.14
		Day 57	2020-07-27 09:11 (27)	2.86		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-27 13:40 (-5)	20.0		7.8 - 26.7
		Day 29	2020-07-01 09:10 (31)	18.0		7.8 - 26.7
		Day 57	2020-07-27 09:11 (27)	16.0		7.8 - 26.7
US2081017	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-28 07:48 (-5)	29.6		25.1 - 36.5
		Day 29	2020-07-06 15:10 (35)	24.1 (L)		25.1 - 36.5
		Day 57	2020-08-06 13:58 (32)	29.8		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-05-28 07:48 (-5)	13		10 - 33
		Day 29	2020-07-06 15:10 (35)	17		10 - 33

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081017	Alanine Aminotransferase (U/L)	Day 57	2020-08-06 13:58 (32)	15		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-28 07:48 (-5)	61		30 - 115
		Day 29	2020-07-06 15:10 (35)	57		30 - 115
		Day 57	2020-08-06 13:58 (32)	62		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-28 07:48 (-5)	27		10 - 36
		Day 29	2020-07-06 15:10 (35)	30		10 - 36
		Day 57	2020-08-06 13:58 (32)	25		10 - 36
	Basophils (10^9/L)	Screening	2020-05-28 07:48 (-5)	0.03		0 - 0.3
		Day 29	2020-07-06 15:10 (35)	0.05		0 - 0.3
		Day 57	2020-08-06 13:58 (32)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-28 07:48 (-5)	0.7		0 - 3
		Day 29	2020-07-06 15:10 (35)	1.3		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081017	Basophils/Leukocytes (%)	Day 57	2020-08-06 13:58 (32)	0.6		0 - 3
	Bilirubin (umol/L)	Screening	2020-05-28 07:48 (-5)	8.0		- 18.8
		Day 29	2020-07-06 15:10 (35)	8.2		- 18.8
		Day 57	2020-08-06 13:58 (32)	6.2		- 18.8
	Creatinine (umol/L)	Screening	2020-05-28 07:48 (-5)	53 (L)		62 - 124
		Day 29	2020-07-06 15:10 (35)	44 (L)		62 - 124
		Day 57	2020-08-06 13:58 (32)	44 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-28 07:48 (-5)	<3.4		0 - 6.8
		Day 29	2020-07-06 15:10 (35)	<3.4		0 - 6.8
		Day 57	2020-08-06 13:58 (32)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-05-28 07:48 (-5)	0.07		0 - 0.8
		Day 29	2020-07-06 15:10 (35)	0.05		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081017	Eosinophils (10^9/L)	Day 57	2020-08-06 13:58 (32)	<0.03		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-28 07:48 (-5)	1.7		0 - 7
		Day 29	2020-07-06 15:10 (35)	1.3		0 - 7
		Day 57	2020-08-06 13:58 (32)	0.4		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-28 07:48 (-5)	4.40		3.7 - 5.2
		Day 29	2020-07-06 15:10 (35)	4.18		3.7 - 5.2
		Day 57	2020-08-06 13:58 (32)	4.29		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-28 07:48 (-5)	0.432		0.33 - 0.47
		Day 29	2020-07-06 15:10 (35)	0.407		0.33 - 0.47
		Day 57	2020-08-06 13:58 (32)	0.445		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-28 07:48 (-5)	135		110 - 155
		Day 29	2020-07-06 15:10 (35)	127	G1 Hemoglobin Decreased	110 - 155

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081017	Hemoglobin (g/L)	Day 57	2020-08-06 13:58 (32)	130	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-28 07:48 (-5)	<0.03		0 - 0.07
		Day 29	2020-07-06 15:10 (35)	<0.03		0 - 0.07
		Day 57	2020-08-06 13:58 (32)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-28 07:48 (-5)	0.2		0 - 1
		Day 29	2020-07-06 15:10 (35)	0.3		0 - 1
		Day 57	2020-08-06 13:58 (32)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-28 07:48 (-5)	4.16		3.7 - 11
		Day 29	2020-07-06 15:10 (35)	3.89		3.7 - 11
		Day 57	2020-08-06 13:58 (32)	5.23		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-28 07:48 (-5)	1.25		0.9 - 3.6
		Day 29	2020-07-06 15:10 (35)	1.39		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081017	Lymphocytes (10^9/L)	Day 57	2020-08-06 13:58 (32)	1.30		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-28 07:48 (-5)	30.0		12 - 46
		Day 29	2020-07-06 15:10 (35)	35.7		12 - 46
		Day 57	2020-08-06 13:58 (32)	24.9		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-28 07:48 (-5)	0.41		0 - 1.2
		Day 29	2020-07-06 15:10 (35)	0.38		0 - 1.2
		Day 57	2020-08-06 13:58 (32)	0.30		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-28 07:48 (-5)	9.9		0 - 11
		Day 29	2020-07-06 15:10 (35)	9.8		0 - 11
		Day 57	2020-08-06 13:58 (32)	5.7		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-28 07:48 (-5)	2.39		1.7 - 7.9
		Day 29	2020-07-06 15:10 (35)	2.01		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081017	Neutrophils (10^9/L)	Day 57	2020-08-06 13:58 (32)	3.57		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-28 07:48 (-5)	57.5		34 - 71
		Day 29	2020-07-06 15:10 (35)	51.6		34 - 71
		Day 57	2020-08-06 13:58 (32)	68.2		34 - 71
	Platelets (10^9/L)	Screening	2020-05-28 07:48 (-5)	231		163 - 375
		Day 29	2020-07-06 15:10 (35)	194		163 - 375
		Day 57	2020-08-06 13:58 (32)	218		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-28 07:48 (-5)	1.0		0.9 - 1.1
		Day 29	2020-07-06 15:10 (35)	1.1		0.9 - 1.1
		Day 57	2020-08-06 13:58 (32)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-28 07:48 (-5)	11.5		9.4 - 12.5
		Day 29	2020-07-06 15:10 (35)	12.3		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081017	Prothrombin Time (sec)	Day 57	2020-08-06 13:58 (32)	12.7 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-05-28 07:48 (-5)	3.57		1.78 - 7.14
		Day 29	2020-07-06 15:10 (35)	3.57		1.78 - 7.14
		Day 57	2020-08-06 13:58 (32)	5.71		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-28 07:48 (-5)	16.7		7.8 - 26.7
		Day 29	2020-07-06 15:10 (35)	20.0		7.8 - 26.7
		Day 57	2020-08-06 13:58 (32)	32.0 (H)		7.8 - 26.7
US2081029	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-29 09:26 (-4)	35.9		25.1 - 36.5
		Day 29	2020-07-07 11:07 (36)	35.0		25.1 - 36.5
		Day 57	2020-08-06 14:20 (31)	33.1		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-05-29 09:26 (-4)	27		10 - 40
		Day 29	2020-07-07 11:07 (36)	29		10 - 40

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081029	Alanine Aminotransferase (U/L)	Day 57	2020-08-06 14:20 (31)	26		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-05-29 09:26 (-4)	80		43 - 115
		Day 29	2020-07-07 11:07 (36)	69		43 - 115
		Day 57	2020-08-06 14:20 (31)	68		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-29 09:26 (-4)	22		10 - 43
		Day 29	2020-07-07 11:07 (36)	21		10 - 43
		Day 57	2020-08-06 14:20 (31)	25		10 - 43
	Basophils (10^9/L)	Screening	2020-05-29 09:26 (-4)	0.08		0 - 0.3
		Day 29	2020-07-07 11:07 (36)	0.05		0 - 0.3
		Day 57	2020-08-06 14:20 (31)	0.05		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-29 09:26 (-4)	0.8		0 - 3
		Day 29	2020-07-07 11:07 (36)	0.8		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081029	Basophils/Leukocytes (%)	Day 57	2020-08-06 14:20 (31)	0.6		0 - 3
	Bilirubin (umol/L)	Screening	2020-05-29 09:26 (-4)	3.6		- 18.8
		Day 29	2020-07-07 11:07 (36)	6.5		- 18.8
		Day 57	2020-08-06 14:20 (31)	3.6		- 18.8
	Creatinine (umol/L)	Screening	2020-05-29 09:26 (-4)	71		62 - 124
		Day 29	2020-07-07 11:07 (36)	71		62 - 124
		Day 57	2020-08-06 14:20 (31)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-29 09:26 (-4)	<3.4		0 - 6.8
		Day 29	2020-07-07 11:07 (36)	<3.4		0 - 6.8
		Day 57	2020-08-06 14:20 (31)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-05-29 09:26 (-4)	0.33		0 - 0.8
		Day 29	2020-07-07 11:07 (36)	0.26		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081029	Eosinophils (10^9/L)	Day 57	2020-08-06 14:20 (31)	0.20		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-29 09:26 (-4)	3.1		0 - 7
		Day 29	2020-07-07 11:07 (36)	4.0		0 - 7
		Day 57	2020-08-06 14:20 (31)	2.4		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-29 09:26 (-4)	4.72		4.63 - 6.08
		Day 29	2020-07-07 11:07 (36)	4.81		4.63 - 6.08
		Day 57	2020-08-06 14:20 (31)	4.72		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-05-29 09:26 (-4)	0.461		0.37 - 0.51
		Day 29	2020-07-07 11:07 (36)	0.472		0.37 - 0.51
		Day 57	2020-08-06 14:20 (31)	0.509		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-05-29 09:26 (-4)	148		125 - 170
		Day 29	2020-07-07 11:07 (36)	147	G1 Hemoglobin Decreased	125 - 170

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081029	Hemoglobin (g/L)	Day 57	2020-08-06 14:20 (31)	145	G1 Hemoglobin Decreased	125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-05-29 09:26 (-4)	0.07		0 - 0.07
		Day 29	2020-07-07 11:07 (36)	<0.03		0 - 0.07
		Day 57	2020-08-06 14:20 (31)	0.04		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-29 09:26 (-4)	0.7		0 - 1
		Day 29	2020-07-07 11:07 (36)	0.2		0 - 1
		Day 57	2020-08-06 14:20 (31)	0.5		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-29 09:26 (-4)	10.61		3.7 - 11
		Day 29	2020-07-07 11:07 (36)	6.54		3.7 - 11
		Day 57	2020-08-06 14:20 (31)	8.50		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-29 09:26 (-4)	1.64		0.9 - 3.6
		Day 29	2020-07-07 11:07 (36)	1.71		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081029	Lymphocytes (10^9/L)	Day 57	2020-08-06 14:20 (31)	2.07		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-29 09:26 (-4)	15.5		12 - 46
		Day 29	2020-07-07 11:07 (36)	26.1		12 - 46
		Day 57	2020-08-06 14:20 (31)	24.4		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-29 09:26 (-4)	0.98		0 - 1.2
		Day 29	2020-07-07 11:07 (36)	0.58		0 - 1.2
		Day 57	2020-08-06 14:20 (31)	0.59		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-29 09:26 (-4)	9.2		0 - 11
		Day 29	2020-07-07 11:07 (36)	8.9		0 - 11
		Day 57	2020-08-06 14:20 (31)	6.9		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-29 09:26 (-4)	7.51		1.7 - 7.9
		Day 29	2020-07-07 11:07 (36)	3.93		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081029	Neutrophils (10^9/L)	Day 57	2020-08-06 14:20 (31)	5.55		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-29 09:26 (-4)	70.7		34 - 71
		Day 29	2020-07-07 11:07 (36)	60.0		34 - 71
		Day 57	2020-08-06 14:20 (31)	65.2		34 - 71
	Platelets (10^9/L)	Screening	2020-05-29 09:26 (-4)	350		163 - 375
		Day 29	2020-07-07 11:07 (36)	278		163 - 375
		Day 57	2020-08-06 14:20 (31)	286		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-29 09:26 (-4)	0.9		0.9 - 1.1
		Day 29	2020-07-07 11:07 (36)	1.0		0.9 - 1.1
		Day 57	2020-08-06 14:20 (31)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-29 09:26 (-4)	10.8		9.4 - 12.5
		Day 29	2020-07-07 11:07 (36)	11.4		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081029	Prothrombin Time (sec)	Day 57	2020-08-06 14:20 (31)	12.2		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-05-29 09:26 (-4)	3.93		1.78 - 7.14
		Day 29	2020-07-07 11:07 (36)	3.57		1.78 - 7.14
		Day 57	2020-08-06 14:20 (31)	6.07		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-29 09:26 (-4)	13.8		7.8 - 26.7
		Day 29	2020-07-07 11:07 (36)	12.5		7.8 - 26.7
		Day 57	2020-08-06 14:20 (31)	21.2		7.8 - 26.7
US2081030	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-29 10:56 (-4)	28.8		25.1 - 36.5
		Day 29	2020-07-06 09:15 (35)	32.5		25.1 - 36.5
		Day 57	2020-08-03 08:15 (29)	26.4		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-05-29 10:56 (-4)	19		10 - 33
		Day 29	2020-07-06 09:15 (35)	21		10 - 33

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081030	Alanine Aminotransferase (U/L)	Day 57	2020-08-03 08:15 (29)	25		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-29 10:56 (-4)	70		30 - 115
		Day 29	2020-07-06 09:15 (35)	82		30 - 115
		Day 57	2020-08-03 08:15 (29)	61		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-29 10:56 (-4)	24		10 - 36
		Day 29	2020-07-06 09:15 (35)	21		10 - 36
		Day 57	2020-08-03 08:15 (29)	25		10 - 36
	Basophils (10^9/L)	Screening	2020-05-29 10:56 (-4)	<0.03		0 - 0.3
		Day 29	2020-07-06 09:15 (35)	<0.03		0 - 0.3
		Day 57	2020-08-03 08:15 (29)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-29 10:56 (-4)	0.6		0 - 3
		Day 29	2020-07-06 09:15 (35)	0.7		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081030	Basophils/Leukocytes (%)	Day 57	2020-08-03 08:15 (29)	0.3		0 - 3
	Bilirubin (umol/L)	Screening	2020-05-29 10:56 (-4)	11.8		- 18.8
		Day 29	2020-07-06 09:15 (35)	10.4		- 18.8
		Day 57	2020-08-03 08:15 (29)	10.6		- 18.8
	Creatinine (umol/L)	Screening	2020-05-29 10:56 (-4)	53 (L)		62 - 124
		Day 29	2020-07-06 09:15 (35)	53 (L)		62 - 124
		Day 57	2020-08-03 08:15 (29)	35 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-29 10:56 (-4)	3.4		0 - 6.8
		Day 29	2020-07-06 09:15 (35)	<3.4		0 - 6.8
		Day 57	2020-08-03 08:15 (29)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-05-29 10:56 (-4)	0.06		0 - 0.8
		Day 29	2020-07-06 09:15 (35)	0.06		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081030	Eosinophils (10^9/L)	Day 57	2020-08-03 08:15 (29)	0.10		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-29 10:56 (-4)	1.7		0 - 7
		Day 29	2020-07-06 09:15 (35)	2.0		0 - 7
		Day 57	2020-08-03 08:15 (29)	3.2		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-29 10:56 (-4)	4.28		3.7 - 5.2
		Day 29	2020-07-06 09:15 (35)	4.06		3.7 - 5.2
		Day 57	2020-08-03 08:15 (29)	3.72		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-29 10:56 (-4)	0.423		0.33 - 0.47
		Day 29	2020-07-06 09:15 (35)	0.425		0.33 - 0.47
		Day 57	2020-08-03 08:15 (29)	0.385		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-29 10:56 (-4)	131		110 - 155
		Day 29	2020-07-06 09:15 (35)	125	G1 Hemoglobin Decreased	110 - 155

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081030	Hemoglobin (g/L)	Day 57	2020-08-03 08:15 (29)	119	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-29 10:56 (-4)	<0.03		0 - 0.07
		Day 29	2020-07-06 09:15 (35)	<0.03		0 - 0.07
		Day 57	2020-08-03 08:15 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-29 10:56 (-4)	0.3		0 - 1
		Day 29	2020-07-06 09:15 (35)	0.3		0 - 1
		Day 57	2020-08-03 08:15 (29)	0.6		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-29 10:56 (-4)	3.47 (L)	G1 WBC Decreased	3.7 - 11
		Day 29	2020-07-06 09:15 (35)	3.05 (L)	G1 WBC Decreased	3.7 - 11
		Day 57	2020-08-03 08:15 (29)	3.14 (L)	G1 WBC Decreased	3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-29 10:56 (-4)	1.25		0.9 - 3.6
		Day 29	2020-07-06 09:15 (35)	1.17		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081030	Lymphocytes (10^9/L)	Day 57	2020-08-03 08:15 (29)	0.95	G1 Lymphocytes Decreased	0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-29 10:56 (-4)	36.0		12 - 46
		Day 29	2020-07-06 09:15 (35)	38.4		12 - 46
		Day 57	2020-08-03 08:15 (29)	30.3		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-29 10:56 (-4)	0.36		0 - 1.2
		Day 29	2020-07-06 09:15 (35)	0.36		0 - 1.2
		Day 57	2020-08-03 08:15 (29)	0.29		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-29 10:56 (-4)	10.4		0 - 11
		Day 29	2020-07-06 09:15 (35)	11.8 (H)		0 - 11
		Day 57	2020-08-03 08:15 (29)	9.2		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-29 10:56 (-4)	1.77	G1 Neutrophils Decreased	1.7 - 7.9
		Day 29	2020-07-06 09:15 (35)	1.43 (L)	G2 Neutrophils Decreased	1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081030	Neutrophils (10^9/L)	Day 57	2020-08-03 08:15 (29)	1.77	G1 Neutrophils Decreased	1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-29 10:56 (-4)	51.0		34 - 71
		Day 29	2020-07-06 09:15 (35)	46.8		34 - 71
		Day 57	2020-08-03 08:15 (29)	56.4		34 - 71
	Platelets (10^9/L)	Screening	2020-05-29 10:56 (-4)	207		163 - 375
		Day 29	2020-07-06 09:15 (35)	193		163 - 375
		Day 57	2020-08-03 08:15 (29)	161 (L)		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-29 10:56 (-4)	1.0		0.9 - 1.1
		Day 29	2020-07-06 09:15 (35)	1.1		0.9 - 1.1
		Day 57	2020-08-03 08:15 (29)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-29 10:56 (-4)	11.1		9.4 - 12.5
		Day 29	2020-07-06 09:15 (35)	12.4		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081030	Prothrombin Time (sec)	Day 57	2020-08-03 08:15 (29)	11.0		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-05-29 10:56 (-4)	5.71		1.78 - 7.14
		Day 29	2020-07-06 09:15 (35)	4.64		1.78 - 7.14
		Day 57	2020-08-03 08:15 (29)	6.07		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-29 10:56 (-4)	26.7		7.8 - 26.7
		Day 29	2020-07-06 09:15 (35)	21.7		7.8 - 26.7
		Day 57	2020-08-03 08:15 (29)	42.5 (H)		7.8 - 26.7
US2081065	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-11 09:10 (-15)	39.8 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
		Day 29	2020-07-24 07:10 (29)	31.8		25.1 - 36.5
		Day 57	2020-08-24 09:05 (32)	31.1		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-11 09:10 (-15)	20		10 - 33

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081065	Alanine Aminotransferase (U/L)	Day 29	2020-07-24 07:10 (29)	12		10 - 33
		Day 57	2020-08-24 09:05 (32)	15		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-11 09:10 (-15)	89		30 - 115
		Day 29	2020-07-24 07:10 (29)	81		30 - 115
		Day 57	2020-08-24 09:05 (32)	86		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-11 09:10 (-15)	24		10 - 36
		Day 29	2020-07-24 07:10 (29)	22		10 - 36
		Day 57	2020-08-24 09:05 (32)	17		10 - 36
	Basophils (10^9/L)	Screening	2020-06-11 09:10 (-15)	0.04		0 - 0.3
		Day 29	2020-07-24 07:10 (29)	0.04		0 - 0.3
		Day 57	2020-08-24 09:05 (32)	0.06		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-11 09:10 (-15)	1.0		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081065	Basophils/Leukocytes (%)	Day 29	2020-07-24 07:10 (29)	1.1		0 - 3
		Day 57	2020-08-24 09:05 (32)	1.5		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-11 09:10 (-15)	7.2		- 18.8
		Day 29	2020-07-24 07:10 (29)	4.4		- 18.8
		Day 57	2020-08-24 09:05 (32)	7.7		- 18.8
	Creatinine (umol/L)	Screening	2020-06-11 09:10 (-15)	71		62 - 124
		Day 29	2020-07-24 07:10 (29)	71		62 - 124
		Day 57	2020-08-24 09:05 (32)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-11 09:10 (-15)	<3.4		0 - 6.8
		Day 29	2020-07-24 07:10 (29)	<3.4		0 - 6.8
		Day 57	2020-08-24 09:05 (32)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-11 09:10 (-15)	0.17		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081065	Eosinophils (10^9/L)	Day 29	2020-07-24 07:10 (29)	0.14		0 - 0.8
		Day 57	2020-08-24 09:05 (32)	0.17		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-11 09:10 (-15)	4.3		0 - 7
		Day 29	2020-07-24 07:10 (29)	3.7		0 - 7
		Day 57	2020-08-24 09:05 (32)	4.1		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-11 09:10 (-15)	4.21		3.7 - 5.2
		Day 29	2020-07-24 07:10 (29)	4.29		3.7 - 5.2
		Day 57	2020-08-24 09:05 (32)	4.45		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-11 09:10 (-15)	0.428		0.33 - 0.47
		Day 29	2020-07-24 07:10 (29)	0.439		0.33 - 0.47
		Day 57	2020-08-24 09:05 (32)	0.438		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-11 09:10 (-15)	136		110 - 155

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081065	Hemoglobin (g/L)	Day 29	2020-07-24 07:10 (29)	134	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-24 09:05 (32)	138		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-11 09:10 (-15)	<0.03		0 - 0.07
		Day 29	2020-07-24 07:10 (29)	<0.03		0 - 0.07
		Day 57	2020-08-24 09:05 (32)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-11 09:10 (-15)	0.3		0 - 1
		Day 29	2020-07-24 07:10 (29)	0.3		0 - 1
		Day 57	2020-08-24 09:05 (32)	0.0		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-11 09:10 (-15)	3.97		3.7 - 11
		Day 29	2020-07-24 07:10 (29)	3.79		3.7 - 11
		Day 57	2020-08-24 09:05 (32)	4.12		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-11 09:10 (-15)	1.36		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081065	Lymphocytes (10^9/L)	Day 29	2020-07-24 07:10 (29)	1.60		0.9 - 3.6
		Day 57	2020-08-24 09:05 (32)	1.48		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-11 09:10 (-15)	34.3		12 - 46
		Day 29	2020-07-24 07:10 (29)	42.2		12 - 46
		Day 57	2020-08-24 09:05 (32)	35.9		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-11 09:10 (-15)	0.42		0 - 1.2
		Day 29	2020-07-24 07:10 (29)	0.38		0 - 1.2
		Day 57	2020-08-24 09:05 (32)	0.39		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-11 09:10 (-15)	10.6		0 - 11
		Day 29	2020-07-24 07:10 (29)	10.0		0 - 11
		Day 57	2020-08-24 09:05 (32)	9.5		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-11 09:10 (-15)	1.97	G1 Neutrophils Decreased	1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081065	Neutrophils (10^9/L)	Day 29	2020-07-24 07:10 (29)	1.62 (L)	G1 Neutrophils Decreased	1.7 - 7.9
		Day 57	2020-08-24 09:05 (32)	2.02		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-11 09:10 (-15)	49.5		34 - 71
		Day 29	2020-07-24 07:10 (29)	42.7		34 - 71
		Day 57	2020-08-24 09:05 (32)	49.0		34 - 71
	Platelets (10^9/L)	Screening	2020-06-11 09:10 (-15)	267		163 - 375
		Day 29	2020-07-24 07:10 (29)	270		163 - 375
		Day 57	2020-08-24 09:05 (32)	284		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-11 09:10 (-15)	1.0		0.9 - 1.1
		Day 29	2020-07-24 07:10 (29)	1.0		0.9 - 1.1
		Day 57	2020-08-24 09:05 (32)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-11 09:10 (-15)	11.9		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081065	Prothrombin Time (sec)	Day 29	2020-07-24 07:10 (29)	11.8		9.4 - 12.5
		Day 57	2020-08-24 09:05 (32)	12.1		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-11 09:10 (-15)	4.64		1.78 - 7.14
		Day 29	2020-07-24 07:10 (29)	6.43		1.78 - 7.14
		Day 57	2020-08-24 09:05 (32)	5.71		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-11 09:10 (-15)	16.2		7.8 - 26.7
		Day 29	2020-07-24 07:10 (29)	22.5		7.8 - 26.7
		Day 57	2020-08-24 09:05 (32)	20.0		7.8 - 26.7
US2081066	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-11 12:01 (-15)	32.9		25.1 - 36.5
		Day 29	2020-07-24 09:11 (29)	33.2		25.1 - 36.5
		Day 57	2020-08-25 09:46 (33)	30.1		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-11 12:01 (-15)	19		10 - 40

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081066	Alanine Aminotransferase (U/L)	Day 29	2020-07-24 09:11 (29)	17		10 - 40
		Day 57	2020-08-25 09:46 (33)	18		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-11 12:01 (-15)	63		43 - 115
		Day 29	2020-07-24 09:11 (29)	55		43 - 115
		Day 57	2020-08-25 09:46 (33)	62		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-11 12:01 (-15)	21		10 - 43
		Day 29	2020-07-24 09:11 (29)	20		10 - 43
		Day 57	2020-08-25 09:46 (33)	16		10 - 43
	Basophils (10^9/L)	Screening	2020-06-11 12:01 (-15)	<0.03		0 - 0.3
		Day 29	2020-07-24 09:11 (29)	<0.03		0 - 0.3
		Day 57	2020-08-25 09:46 (33)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-11 12:01 (-15)	0.3		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081066	Basophils/Leukocytes (%)	Day 29	2020-07-24 09:11 (29)	0.3		0 - 3
		Day 57	2020-08-25 09:46 (33)	0.5		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-11 12:01 (-15)	19.7 (H)		- 18.8
		Day 29	2020-07-24 09:11 (29)	14.4		- 18.8
		Day 57	2020-08-25 09:46 (33)	13.7		- 18.8
	Creatinine (umol/L)	Screening	2020-06-11 12:01 (-15)	62		62 - 124
		Day 29	2020-07-24 09:11 (29)	62		62 - 124
		Day 57	2020-08-25 09:46 (33)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-11 12:01 (-15)	3.9		0 - 6.8
		Day 29	2020-07-24 09:11 (29)	3.4		0 - 6.8
		Day 57	2020-08-25 09:46 (33)	3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-11 12:01 (-15)	0.12		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081066	Eosinophils (10^9/L)	Day 29	2020-07-24 09:11 (29)	0.10		0 - 0.8
		Day 57	2020-08-25 09:46 (33)	0.10		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-11 12:01 (-15)	1.8		0 - 7
		Day 29	2020-07-24 09:11 (29)	1.5		0 - 7
		Day 57	2020-08-25 09:46 (33)	1.6		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-11 12:01 (-15)	4.77		4.63 - 6.08
		Day 29	2020-07-24 09:11 (29)	4.78		4.63 - 6.08
		Day 57	2020-08-25 09:46 (33)	4.86		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-11 12:01 (-15)	0.465		0.37 - 0.51
		Day 29	2020-07-24 09:11 (29)	0.476		0.37 - 0.51
		Day 57	2020-08-25 09:46 (33)	0.484		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-11 12:01 (-15)	148		125 - 170

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081066	Hemoglobin (g/L)	Day 29	2020-07-24 09:11 (29)	146	G1 Hemoglobin Decreased	125 - 170
		Day 57	2020-08-25 09:46 (33)	147	G1 Hemoglobin Decreased	125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-11 12:01 (-15)	0.03		0 - 0.07
		Day 29	2020-07-24 09:11 (29)	0.04		0 - 0.07
		Day 57	2020-08-25 09:46 (33)	0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-11 12:01 (-15)	0.5		0 - 1
		Day 29	2020-07-24 09:11 (29)	0.6		0 - 1
		Day 57	2020-08-25 09:46 (33)	0.5		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-11 12:01 (-15)	6.56		3.7 - 11
		Day 29	2020-07-24 09:11 (29)	6.81		3.7 - 11
		Day 57	2020-08-25 09:46 (33)	6.11		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-11 12:01 (-15)	1.44		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081066	Lymphocytes (10^9/L)	Day 29	2020-07-24 09:11 (29)	1.40		0.9 - 3.6
		Day 57	2020-08-25 09:46 (33)	1.43		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-11 12:01 (-15)	22.0		12 - 46
		Day 29	2020-07-24 09:11 (29)	20.6		12 - 46
		Day 57	2020-08-25 09:46 (33)	23.4		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-11 12:01 (-15)	0.48		0 - 1.2
		Day 29	2020-07-24 09:11 (29)	0.52		0 - 1.2
		Day 57	2020-08-25 09:46 (33)	0.49		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-11 12:01 (-15)	7.3		0 - 11
		Day 29	2020-07-24 09:11 (29)	7.6		0 - 11
		Day 57	2020-08-25 09:46 (33)	8.0		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-11 12:01 (-15)	4.47		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081066	Neutrophils (10^9/L)	Day 29	2020-07-24 09:11 (29)	4.73		1.7 - 7.9
		Day 57	2020-08-25 09:46 (33)	4.03		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-11 12:01 (-15)	68.1		34 - 71
		Day 29	2020-07-24 09:11 (29)	69.4		34 - 71
		Day 57	2020-08-25 09:46 (33)	66.0		34 - 71
	Platelets (10^9/L)	Screening	2020-06-11 12:01 (-15)	260		163 - 375
		Day 29	2020-07-24 09:11 (29)	274		163 - 375
		Day 57	2020-08-25 09:46 (33)	285		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-11 12:01 (-15)	0.9		0.9 - 1.1
		Day 29	2020-07-24 09:11 (29)	1.0		0.9 - 1.1
		Day 57	2020-08-25 09:46 (33)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-11 12:01 (-15)	11.0		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081066	Prothrombin Time (sec)	Day 29	2020-07-24 09:11 (29)	11.2		9.4 - 12.5
		Day 57	2020-08-25 09:46 (33)	10.9		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-11 12:01 (-15)	3.21		1.78 - 7.14
		Day 29	2020-07-24 09:11 (29)	3.93		1.78 - 7.14
		Day 57	2020-08-25 09:46 (33)	3.21		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-11 12:01 (-15)	12.9		7.8 - 26.7
		Day 29	2020-07-24 09:11 (29)	15.7		7.8 - 26.7
		Day 57	2020-08-25 09:46 (33)	15.0		7.8 - 26.7
US2081073	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-15 09:58 (-11)	28.9		25.1 - 36.5
		Day 29	2020-07-24 11:10 (29)	30.7		25.1 - 36.5
		Day 57	2020-08-21 09:42 (29)	26.0		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-15 09:58 (-11)	16		10 - 33

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081073	Alanine Aminotransferase (U/L)	Day 29	2020-07-24 11:10 (29)	11		10 - 33
		Day 57	2020-08-21 09:42 (29)	12		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-15 09:58 (-11)	55		30 - 115
		Day 29	2020-07-24 11:10 (29)	55		30 - 115
		Day 57	2020-08-21 09:42 (29)	48		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-15 09:58 (-11)	22		10 - 36
		Day 29	2020-07-24 11:10 (29)	15		10 - 36
		Day 57	2020-08-21 09:42 (29)	18		10 - 36
	Basophils (10^9/L)	Screening	2020-06-15 09:58 (-11)	<0.03		0 - 0.3
		Day 29	2020-07-24 11:10 (29)	<0.03		0 - 0.3
		Day 57	2020-08-21 09:42 (29)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-15 09:58 (-11)	0.4		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081073	Basophils/Leukocytes (%)	Day 29	2020-07-24 11:10 (29)	0.4		0 - 3
		Day 57	2020-08-21 09:42 (29)	0.7		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-15 09:58 (-11)	4.8		- 18.8
		Day 29	2020-07-24 11:10 (29)	5.3		- 18.8
		Day 57	2020-08-21 09:42 (29)	6.2		- 18.8
	Creatinine (umol/L)	Screening	2020-06-15 09:58 (-11)	53 (L)		62 - 124
		Day 29	2020-07-24 11:10 (29)	53 (L)		62 - 124
		Day 57	2020-08-21 09:42 (29)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-15 09:58 (-11)	<3.4		0 - 6.8
		Day 29	2020-07-24 11:10 (29)	<3.4		0 - 6.8
		Day 57	2020-08-21 09:42 (29)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-15 09:58 (-11)	0.17		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081073	Eosinophils (10^9/L)	Day 29	2020-07-24 11:10 (29)	0.17		0 - 0.8
		Day 57	2020-08-21 09:42 (29)	0.13		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-15 09:58 (-11)	3.5		0 - 7
		Day 29	2020-07-24 11:10 (29)	3.6		0 - 7
		Day 57	2020-08-21 09:42 (29)	3.0		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-15 09:58 (-11)	4.69		3.7 - 5.2
		Day 29	2020-07-24 11:10 (29)	4.26		3.7 - 5.2
		Day 57	2020-08-21 09:42 (29)	3.93		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-15 09:58 (-11)	0.439		0.33 - 0.47
		Day 29	2020-07-24 11:10 (29)	0.424		0.33 - 0.47
		Day 57	2020-08-21 09:42 (29)	0.376		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-15 09:58 (-11)	141		110 - 155

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081073	Hemoglobin (g/L)	Day 29	2020-07-24 11:10 (29)	128	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-21 09:42 (29)	118	G3 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-15 09:58 (-11)	<0.03		0 - 0.07
		Day 29	2020-07-24 11:10 (29)	<0.03		0 - 0.07
		Day 57	2020-08-21 09:42 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-15 09:58 (-11)	0.2		0 - 1
		Day 29	2020-07-24 11:10 (29)	0.2		0 - 1
		Day 57	2020-08-21 09:42 (29)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-15 09:58 (-11)	4.80		3.7 - 11
		Day 29	2020-07-24 11:10 (29)	4.75		3.7 - 11
		Day 57	2020-08-21 09:42 (29)	4.36		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-15 09:58 (-11)	2.28		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081073	Lymphocytes (10^9/L)	Day 29	2020-07-24 11:10 (29)	2.17		0.9 - 3.6
		Day 57	2020-08-21 09:42 (29)	1.82		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-15 09:58 (-11)	47.5 (H)		12 - 46
		Day 29	2020-07-24 11:10 (29)	45.7		12 - 46
		Day 57	2020-08-21 09:42 (29)	41.7		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-15 09:58 (-11)	0.40		0 - 1.2
		Day 29	2020-07-24 11:10 (29)	0.34		0 - 1.2
		Day 57	2020-08-21 09:42 (29)	0.37		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-15 09:58 (-11)	8.3		0 - 11
		Day 29	2020-07-24 11:10 (29)	7.2		0 - 11
		Day 57	2020-08-21 09:42 (29)	8.5		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-15 09:58 (-11)	1.92	G1 Neutrophils Decreased	1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081073	Neutrophils (10^9/L)	Day 29	2020-07-24 11:10 (29)	2.04		1.7 - 7.9
		Day 57	2020-08-21 09:42 (29)	2.00	G1 Neutrophils Decreased	1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-15 09:58 (-11)	40.1		34 - 71
		Day 29	2020-07-24 11:10 (29)	42.9		34 - 71
		Day 57	2020-08-21 09:42 (29)	45.9		34 - 71
	Platelets (10^9/L)	Screening	2020-06-15 09:58 (-11)	287		163 - 375
		Day 29	2020-07-24 11:10 (29)	256		163 - 375
		Day 57	2020-08-21 09:42 (29)	264		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-15 09:58 (-11)	0.9		0.9 - 1.1
		Day 29	2020-07-24 11:10 (29)	0.9		0.9 - 1.1
		Day 57	2020-08-21 09:42 (29)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-15 09:58 (-11)	10.3		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081073	Prothrombin Time (sec)	Day 29	2020-07-24 11:10 (29)	10.6		9.4 - 12.5
		Day 57	2020-08-21 09:42 (29)	10.9		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-15 09:58 (-11)	6.43		1.78 - 7.14
		Day 29	2020-07-24 11:10 (29)	6.78		1.78 - 7.14
		Day 57	2020-08-21 09:42 (29)	5.35		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-15 09:58 (-11)	30.0 (H)		7.8 - 26.7
		Day 29	2020-07-24 11:10 (29)	31.7 (H)		7.8 - 26.7
		Day 57	2020-08-21 09:42 (29)	25.0		7.8 - 26.7
US2081077	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-16 14:10 (-14)	40.7 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
		Day 29	2020-08-03 11:10 (35)	35.0		25.1 - 36.5
		Day 57	2020-08-31 14:55 (29)	35.8		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081077	Alanine Aminotransferase (U/L)	Screening	2020-06-16 14:10 (-14)	28		10 - 33
		Day 29	2020-08-03 11:10 (35)	21		10 - 33
		Day 57	2020-08-31 14:55 (29)	19		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-16 14:10 (-14)	103		30 - 115
		Day 29	2020-08-03 11:10 (35)	84		30 - 115
		Day 57	2020-08-31 14:55 (29)	91		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-16 14:10 (-14)	26		10 - 36
		Day 29	2020-08-03 11:10 (35)	16		10 - 36
		Day 57	2020-08-31 14:55 (29)	17		10 - 36
	Basophils (10^9/L)	Screening	2020-06-16 14:10 (-14)	0.04		0 - 0.3
		Day 29	2020-08-03 11:10 (35)	0.05		0 - 0.3
		Day 57	2020-08-31 14:55 (29)	0.03		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081077	Basophils/Leukocytes (%)	Screening	2020-06-16 14:10 (-14)	0.5		0 - 3
		Day 29	2020-08-03 11:10 (35)	0.7		0 - 3
		Day 57	2020-08-31 14:55 (29)	0.4		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-16 14:10 (-14)	3.9		- 18.8
		Day 29	2020-08-03 11:10 (35)	6.0		- 18.8
		Day 57	2020-08-31 14:55 (29)	3.9		- 18.8
	Creatinine (umol/L)	Screening	2020-06-16 14:10 (-14)	62		62 - 124
		Day 29	2020-08-03 11:10 (35)	71		62 - 124
		Day 57	2020-08-31 14:55 (29)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-16 14:10 (-14)	<3.4		0 - 6.8
		Day 29	2020-08-03 11:10 (35)	<3.4		0 - 6.8
		Day 57	2020-08-31 14:55 (29)	<3.4		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081077	Eosinophils (10^9/L)	Screening	2020-06-16 14:10 (-14)	0.08		0 - 0.8
		Day 29	2020-08-03 11:10 (35)	0.06		0 - 0.8
		Day 57	2020-08-31 14:55 (29)	0.07		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-16 14:10 (-14)	1.0		0 - 7
		Day 29	2020-08-03 11:10 (35)	0.8		0 - 7
		Day 57	2020-08-31 14:55 (29)	1.0		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-16 14:10 (-14)	4.87		3.7 - 5.2
		Day 29	2020-08-03 11:10 (35)	4.53		3.7 - 5.2
		Day 57	2020-08-31 14:55 (29)	4.42		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-16 14:10 (-14)	0.472 (H)		0.33 - 0.47
		Day 29	2020-08-03 11:10 (35)	0.438		0.33 - 0.47
		Day 57	2020-08-31 14:55 (29)	0.429		0.33 - 0.47

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081077	Hemoglobin (g/L)	Screening	2020-06-16 14:10 (-14)	144		110 - 155
		Day 29	2020-08-03 11:10 (35)	136	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-31 14:55 (29)	133	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-16 14:10 (-14)	0.03		0 - 0.07
		Day 29	2020-08-03 11:10 (35)	<0.03		0 - 0.07
		Day 57	2020-08-31 14:55 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-16 14:10 (-14)	0.4		0 - 1
		Day 29	2020-08-03 11:10 (35)	0.3		0 - 1
		Day 57	2020-08-31 14:55 (29)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-16 14:10 (-14)	8.13		3.7 - 11
		Day 29	2020-08-03 11:10 (35)	7.26		3.7 - 11
		Day 57	2020-08-31 14:55 (29)	7.17		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081077	Lymphocytes (10^9/L)	Screening	2020-06-16 14:10 (-14)	2.06		0.9 - 3.6
		Day 29	2020-08-03 11:10 (35)	1.75		0.9 - 3.6
		Day 57	2020-08-31 14:55 (29)	1.83		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-16 14:10 (-14)	25.3		12 - 46
		Day 29	2020-08-03 11:10 (35)	24.1		12 - 46
		Day 57	2020-08-31 14:55 (29)	25.5		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-16 14:10 (-14)	0.62		0 - 1.2
		Day 29	2020-08-03 11:10 (35)	0.48		0 - 1.2
		Day 57	2020-08-31 14:55 (29)	0.47		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-16 14:10 (-14)	7.6		0 - 11
		Day 29	2020-08-03 11:10 (35)	6.6		0 - 11
		Day 57	2020-08-31 14:55 (29)	6.6		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081077	Neutrophils (10^9/L)	Screening	2020-06-16 14:10 (-14)	5.30		1.7 - 7.9
		Day 29	2020-08-03 11:10 (35)	4.90		1.7 - 7.9
		Day 57	2020-08-31 14:55 (29)	4.75		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-16 14:10 (-14)	65.2		34 - 71
		Day 29	2020-08-03 11:10 (35)	67.5		34 - 71
		Day 57	2020-08-31 14:55 (29)	66.2		34 - 71
	Platelets (10^9/L)	Screening	2020-06-16 14:10 (-14)	314		163 - 375
		Day 29	2020-08-03 11:10 (35)	314		163 - 375
		Day 57	2020-08-31 14:55 (29)	313		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-16 14:10 (-14)	1.0		0.9 - 1.1
		Day 29	2020-08-03 11:10 (35)	1.0		0.9 - 1.1
		Day 57	2020-08-31 14:55 (29)	1.0		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081077	Prothrombin Time (sec)	Screening	2020-06-16 14:10 (-14)	11.4		9.4 - 12.5
		Day 29	2020-08-03 11:10 (35)	12.4		9.4 - 12.5
		Day 57	2020-08-31 14:55 (29)	11.7		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-16 14:10 (-14)	5.71		1.78 - 7.14
		Day 29	2020-08-03 11:10 (35)	5.71		1.78 - 7.14
		Day 57	2020-08-31 14:55 (29)	4.64		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-16 14:10 (-14)	22.9		7.8 - 26.7
		Day 29	2020-08-03 11:10 (35)	20.0		7.8 - 26.7
		Day 57	2020-08-31 14:55 (29)	16.2		7.8 - 26.7
US2081080	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-17 09:10 (-14)	35.2		25.1 - 36.5
		Day 29	2020-07-31 09:26 (31)	31.4		25.1 - 36.5
		Day 57	2020-08-28 08:37 (29)	35.3		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081080	Alanine Aminotransferase (U/L)	Screening	2020-06-17 09:10 (-14)	20		10 - 40
		Day 29	2020-07-31 09:26 (31)	15		10 - 40
		Day 57	2020-08-28 08:37 (29)	16		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-17 09:10 (-14)	65		43 - 115
		Day 29	2020-07-31 09:26 (31)	66		43 - 115
		Day 57	2020-08-28 08:37 (29)	65		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-17 09:10 (-14)	29		10 - 43
		Day 29	2020-07-31 09:26 (31)	24		10 - 43
		Day 57	2020-08-28 08:37 (29)	23		10 - 43
	Basophils (10^9/L)	Screening	2020-06-17 09:10 (-14)	<0.03		0 - 0.3
		Day 29	2020-07-31 09:26 (31)	<0.03		0 - 0.3
		Day 57	2020-08-28 08:37 (29)	0.03		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081080	Basophils/Leukocytes (%)	Screening	2020-06-17 09:10 (-14)	0.4		0 - 3
		Day 29	2020-07-31 09:26 (31)	0.6		0 - 3
		Day 57	2020-08-28 08:37 (29)	0.8		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-17 09:10 (-14)	18.3		- 18.8
		Day 29	2020-07-31 09:26 (31)	11.5		- 18.8
		Day 57	2020-08-28 08:37 (29)	17.8		- 18.8
	Creatinine (umol/L)	Screening	2020-06-17 09:10 (-14)	62		62 - 124
		Day 29	2020-07-31 09:26 (31)	62		62 - 124
		Day 57	2020-08-28 08:37 (29)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-17 09:10 (-14)	3.4		0 - 6.8
		Day 29	2020-07-31 09:26 (31)	<3.4		0 - 6.8
		Day 57	2020-08-28 08:37 (29)	3.8		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081080	Eosinophils (10^9/L)	Screening	2020-06-17 09:10 (-14)	0.06		0 - 0.8
		Day 29	2020-07-31 09:26 (31)	0.07		0 - 0.8
		Day 57	2020-08-28 08:37 (29)	0.10		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-17 09:10 (-14)	1.3		0 - 7
		Day 29	2020-07-31 09:26 (31)	2.2		0 - 7
		Day 57	2020-08-28 08:37 (29)	2.8		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-17 09:10 (-14)	4.88		4.63 - 6.08
		Day 29	2020-07-31 09:26 (31)	4.63		4.63 - 6.08
		Day 57	2020-08-28 08:37 (29)	4.65		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-17 09:10 (-14)	0.488		0.37 - 0.51
		Day 29	2020-07-31 09:26 (31)	0.446		0.37 - 0.51
		Day 57	2020-08-28 08:37 (29)	0.467		0.37 - 0.51

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081080	Hemoglobin (g/L)	Screening	2020-06-17 09:10 (-14)	154		125 - 170
		Day 29	2020-07-31 09:26 (31)	147	G1 Hemoglobin Decreased	125 - 170
		Day 57	2020-08-28 08:37 (29)	145	G1 Hemoglobin Decreased	125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-17 09:10 (-14)	<0.03		0 - 0.07
		Day 29	2020-07-31 09:26 (31)	<0.03		0 - 0.07
		Day 57	2020-08-28 08:37 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-17 09:10 (-14)	0.2		0 - 1
		Day 29	2020-07-31 09:26 (31)	0.3		0 - 1
		Day 57	2020-08-28 08:37 (29)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-17 09:10 (-14)	4.67		3.7 - 11
		Day 29	2020-07-31 09:26 (31)	3.20 (L)	G1 WBC Decreased	3.7 - 11
		Day 57	2020-08-28 08:37 (29)	3.57 (L)		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081080	Lymphocytes (10^9/L)	Screening	2020-06-17 09:10 (-14)	1.03		0.9 - 3.6
		Day 29	2020-07-31 09:26 (31)	0.82 (L)	G1 Lymphocytes Decreased	0.9 - 3.6
		Day 57	2020-08-28 08:37 (29)	0.88 (L)	G1 Lymphocytes Decreased	0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-17 09:10 (-14)	22.1		12 - 46
		Day 29	2020-07-31 09:26 (31)	25.6		12 - 46
		Day 57	2020-08-28 08:37 (29)	24.6		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-17 09:10 (-14)	0.44		0 - 1.2
		Day 29	2020-07-31 09:26 (31)	0.33		0 - 1.2
		Day 57	2020-08-28 08:37 (29)	0.40		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-17 09:10 (-14)	9.4		0 - 11
		Day 29	2020-07-31 09:26 (31)	10.3		0 - 11
		Day 57	2020-08-28 08:37 (29)	11.2 (H)		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081080	Neutrophils (10^9/L)	Screening	2020-06-17 09:10 (-14)	3.11		1.7 - 7.9
		Day 29	2020-07-31 09:26 (31)	1.95	G1 Neutrophils Decreased	1.7 - 7.9
		Day 57	2020-08-28 08:37 (29)	2.15		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-17 09:10 (-14)	66.6		34 - 71
		Day 29	2020-07-31 09:26 (31)	61.0		34 - 71
		Day 57	2020-08-28 08:37 (29)	60.3		34 - 71
	Platelets (10^9/L)	Screening	2020-06-17 09:10 (-14)	208		163 - 375
		Day 29	2020-07-31 09:26 (31)	204		163 - 375
		Day 57	2020-08-28 08:37 (29)	209		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-17 09:10 (-14)	1.0		0.9 - 1.1
		Day 29	2020-07-31 09:26 (31)	0.9		0.9 - 1.1
		Day 57	2020-08-28 08:37 (29)	1.0		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081080	Prothrombin Time (sec)	Screening	2020-06-17 09:10 (-14)	11.2		9.4 - 12.5
		Day 29	2020-07-31 09:26 (31)	11.0		9.4 - 12.5
		Day 57	2020-08-28 08:37 (29)	11.7		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-17 09:10 (-14)	7.50 (H)		1.78 - 7.14
		Day 29	2020-07-31 09:26 (31)	6.78		1.78 - 7.14
		Day 57	2020-08-28 08:37 (29)	6.43		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-17 09:10 (-14)	30.0 (H)		7.8 - 26.7
		Day 29	2020-07-31 09:26 (31)	27.1 (H)		7.8 - 26.7
		Day 57	2020-08-28 08:37 (29)	30.0 (H)		7.8 - 26.7
US2081087	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-18 12:03 (-12)	26.3		25.1 - 36.5
		Day 29	2020-07-29 07:15 (30)	27.0		25.1 - 36.5
		Day 57	2020-08-26 12:38 (29)	26.5		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081087	Alanine Aminotransferase (U/L)	Screening	2020-06-18 12:03 (-12)	14		10 - 33
		Day 29	2020-07-29 07:15 (30)	5 (L)		10 - 33
		Day 57	2020-08-26 12:38 (29)	7 (L)		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-18 12:03 (-12)	87		30 - 115
		Day 29	2020-07-29 07:15 (30)	82		30 - 115
		Day 57	2020-08-26 12:38 (29)	92		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-18 12:03 (-12)	33		10 - 36
		Day 29	2020-07-29 07:15 (30)	23		10 - 36
		Day 57	2020-08-26 12:38 (29)	23		10 - 36
	Basophils (10^9/L)	Screening	2020-06-18 12:03 (-12)	0.06		0 - 0.3
		Day 29	2020-07-29 07:15 (30)	0.04		0 - 0.3
		Day 57	2020-08-26 12:38 (29)	0.03		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081087	Basophils/Leukocytes (%)	Screening	2020-06-18 12:03 (-12)	1.5		0 - 3
		Day 29	2020-07-29 07:15 (30)	0.9		0 - 3
		Day 57	2020-08-26 12:38 (29)	0.6		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-18 12:03 (-12)	4.6		- 18.8
		Day 29	2020-07-29 07:15 (30)	3.9		- 18.8
		Day 57	2020-08-26 12:38 (29)	5.0		- 18.8
	Creatinine (umol/L)	Screening	2020-06-18 12:03 (-12)	62		62 - 124
		Day 29	2020-07-29 07:15 (30)	71		62 - 124
		Day 57	2020-08-26 12:38 (29)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-18 12:03 (-12)	<3.4		0 - 6.8
		Day 29	2020-07-29 07:15 (30)	<3.4		0 - 6.8
		Day 57	2020-08-26 12:38 (29)	<3.4		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081087	Eosinophils (10^9/L)	Screening	2020-06-18 12:03 (-12)	0.09		0 - 0.8
		Day 29	2020-07-29 07:15 (30)	0.18		0 - 0.8
		Day 57	2020-08-26 12:38 (29)	0.12		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-18 12:03 (-12)	2.2		0 - 7
		Day 29	2020-07-29 07:15 (30)	4.0		0 - 7
		Day 57	2020-08-26 12:38 (29)	2.4		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-18 12:03 (-12)	4.33		3.7 - 5.2
		Day 29	2020-07-29 07:15 (30)	3.94		3.7 - 5.2
		Day 57	2020-08-26 12:38 (29)	3.90		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-18 12:03 (-12)	0.432		0.33 - 0.47
		Day 29	2020-07-29 07:15 (30)	0.397		0.33 - 0.47
		Day 57	2020-08-26 12:38 (29)	0.382		0.33 - 0.47

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081087	Hemoglobin (g/L)	Screening	2020-06-18 12:03 (-12)	136		110 - 155
		Day 29	2020-07-29 07:15 (30)	123	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-26 12:38 (29)	121	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-18 12:03 (-12)	<0.03		0 - 0.07
		Day 29	2020-07-29 07:15 (30)	<0.03		0 - 0.07
		Day 57	2020-08-26 12:38 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-18 12:03 (-12)	0.2		0 - 1
		Day 29	2020-07-29 07:15 (30)	0.0		0 - 1
		Day 57	2020-08-26 12:38 (29)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-18 12:03 (-12)	4.02		3.7 - 11
		Day 29	2020-07-29 07:15 (30)	4.51		3.7 - 11
		Day 57	2020-08-26 12:38 (29)	5.00		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081087	Lymphocytes (10^9/L)	Screening	2020-06-18 12:03 (-12)	1.46		0.9 - 3.6
		Day 29	2020-07-29 07:15 (30)	1.67		0.9 - 3.6
		Day 57	2020-08-26 12:38 (29)	1.48		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-18 12:03 (-12)	36.3		12 - 46
		Day 29	2020-07-29 07:15 (30)	37.0		12 - 46
		Day 57	2020-08-26 12:38 (29)	29.6		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-18 12:03 (-12)	0.38		0 - 1.2
		Day 29	2020-07-29 07:15 (30)	0.33		0 - 1.2
		Day 57	2020-08-26 12:38 (29)	0.38		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-18 12:03 (-12)	9.5		0 - 11
		Day 29	2020-07-29 07:15 (30)	7.3		0 - 11
		Day 57	2020-08-26 12:38 (29)	7.6		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081087	Neutrophils (10^9/L)	Screening	2020-06-18 12:03 (-12)	2.02		1.7 - 7.9
		Day 29	2020-07-29 07:15 (30)	2.29		1.7 - 7.9
		Day 57	2020-08-26 12:38 (29)	2.98		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-18 12:03 (-12)	50.3		34 - 71
		Day 29	2020-07-29 07:15 (30)	50.8		34 - 71
		Day 57	2020-08-26 12:38 (29)	59.6		34 - 71
	Platelets (10^9/L)	Screening	2020-06-18 12:03 (-12)	301		163 - 375
		Day 29	2020-07-29 07:15 (30)	336		163 - 375
		Day 57	2020-08-26 12:38 (29)	324		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-18 12:03 (-12)	1.0		0.9 - 1.1
		Day 29	2020-07-29 07:15 (30)	1.0		0.9 - 1.1
		Day 57	2020-08-26 12:38 (29)	1.0		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081087	Prothrombin Time (sec)	Screening	2020-06-18 12:03 (-12)	11.3		9.4 - 12.5
		Day 29	2020-07-29 07:15 (30)	11.9		9.4 - 12.5
		Day 57	2020-08-26 12:38 (29)	12.4		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-18 12:03 (-12)	5.00		1.78 - 7.14
		Day 29	2020-07-29 07:15 (30)	5.71		1.78 - 7.14
		Day 57	2020-08-26 12:38 (29)	4.64		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-18 12:03 (-12)	20.0		7.8 - 26.7
		Day 29	2020-07-29 07:15 (30)	20.0		7.8 - 26.7
		Day 57	2020-08-26 12:38 (29)	21.7		7.8 - 26.7
US2081097	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-22 09:45 (-9)	31.1		25.1 - 36.5
		Day 29	2020-07-31 09:19 (31)	32.4		25.1 - 36.5
		Day 57	2020-08-28 09:31 (29)	28.3		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081097	Alanine Aminotransferase (U/L)	Screening	2020-06-22 09:45 (-9)	18		10 - 33
		Day 29	2020-07-31 09:19 (31)	25		10 - 33
		Day 57	2020-08-28 09:31 (29)	20		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-22 09:45 (-9)	69		30 - 115
		Day 29	2020-07-31 09:19 (31)	70		30 - 115
		Day 57	2020-08-28 09:31 (29)	68		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-22 09:45 (-9)	19		10 - 36
		Day 29	2020-07-31 09:19 (31)	18		10 - 36
		Day 57	2020-08-28 09:31 (29)	15		10 - 36
	Basophils (10^9/L)	Screening	2020-06-22 09:45 (-9)	0.03		0 - 0.3
		Day 29	2020-07-31 09:19 (31)	0.03		0 - 0.3
		Day 57	2020-08-28 09:31 (29)	0.04		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081097	Basophils/Leukocytes (%)	Screening	2020-06-22 09:45 (-9)	0.5		0 - 3
		Day 29	2020-07-31 09:19 (31)	0.5		0 - 3
		Day 57	2020-08-28 09:31 (29)	0.7		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-22 09:45 (-9)	6.7		- 18.8
		Day 29	2020-07-31 09:19 (31)	7.4		- 18.8
		Day 57	2020-08-28 09:31 (29)	8.2		- 18.8
	Creatinine (umol/L)	Screening	2020-06-22 09:45 (-9)	53 (L)		62 - 124
		Day 29	2020-07-31 09:19 (31)	53 (L)		62 - 124
		Day 57	2020-08-28 09:31 (29)	44 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-22 09:45 (-9)	<3.4		0 - 6.8
		Day 29	2020-07-31 09:19 (31)	<3.4		0 - 6.8
		Day 57	2020-08-28 09:31 (29)	<3.4		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081097	Eosinophils (10^9/L)	Screening	2020-06-22 09:45 (-9)	0.06		0 - 0.8
		Day 29	2020-07-31 09:19 (31)	0.07		0 - 0.8
		Day 57	2020-08-28 09:31 (29)	0.16		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-22 09:45 (-9)	1.0		0 - 7
		Day 29	2020-07-31 09:19 (31)	1.3		0 - 7
		Day 57	2020-08-28 09:31 (29)	2.9		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-22 09:45 (-9)	4.35		3.7 - 5.2
		Day 29	2020-07-31 09:19 (31)	4.37		3.7 - 5.2
		Day 57	2020-08-28 09:31 (29)	4.35		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-22 09:45 (-9)	0.432		0.33 - 0.47
		Day 29	2020-07-31 09:19 (31)	0.416		0.33 - 0.47
		Day 57	2020-08-28 09:31 (29)	0.420		0.33 - 0.47

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081097	Hemoglobin (g/L)	Screening	2020-06-22 09:45 (-9)	129		110 - 155
		Day 29	2020-07-31 09:19 (31)	127	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-28 09:31 (29)	127	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-22 09:45 (-9)	<0.03		0 - 0.07
		Day 29	2020-07-31 09:19 (31)	<0.03		0 - 0.07
		Day 57	2020-08-28 09:31 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-22 09:45 (-9)	0.0		0 - 1
		Day 29	2020-07-31 09:19 (31)	0.4		0 - 1
		Day 57	2020-08-28 09:31 (29)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-22 09:45 (-9)	5.90		3.7 - 11
		Day 29	2020-07-31 09:19 (31)	5.58		3.7 - 11
		Day 57	2020-08-28 09:31 (29)	5.55		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081097	Lymphocytes (10^9/L)	Screening	2020-06-22 09:45 (-9)	1.19		0.9 - 3.6
		Day 29	2020-07-31 09:19 (31)	1.24		0.9 - 3.6
		Day 57	2020-08-28 09:31 (29)	1.42		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-22 09:45 (-9)	20.2		12 - 46
		Day 29	2020-07-31 09:19 (31)	22.2		12 - 46
		Day 57	2020-08-28 09:31 (29)	25.6		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-22 09:45 (-9)	0.65		0 - 1.2
		Day 29	2020-07-31 09:19 (31)	0.57		0 - 1.2
		Day 57	2020-08-28 09:31 (29)	0.58		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-22 09:45 (-9)	11.0		0 - 11
		Day 29	2020-07-31 09:19 (31)	10.2		0 - 11
		Day 57	2020-08-28 09:31 (29)	10.5		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081097	Neutrophils (10^9/L)	Screening	2020-06-22 09:45 (-9)	3.97		1.7 - 7.9
		Day 29	2020-07-31 09:19 (31)	3.65		1.7 - 7.9
		Day 57	2020-08-28 09:31 (29)	3.34		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-22 09:45 (-9)	67.3		34 - 71
		Day 29	2020-07-31 09:19 (31)	65.4		34 - 71
		Day 57	2020-08-28 09:31 (29)	60.1		34 - 71
	Platelets (10^9/L)	Screening	2020-06-22 09:45 (-9)	290		163 - 375
		Day 29	2020-07-31 09:19 (31)	281		163 - 375
		Day 57	2020-08-28 09:31 (29)	271		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-22 09:45 (-9)	0.9		0.9 - 1.1
		Day 29	2020-07-31 09:19 (31)	1.0		0.9 - 1.1
		Day 57	2020-08-28 09:31 (29)	0.9		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081097	Prothrombin Time (sec)	Screening	2020-06-22 09:45 (-9)	10.8		9.4 - 12.5
		Day 29	2020-07-31 09:19 (31)	11.7		9.4 - 12.5
		Day 57	2020-08-28 09:31 (29)	10.8		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-22 09:45 (-9)	5.00		1.78 - 7.14
		Day 29	2020-07-31 09:19 (31)	5.00		1.78 - 7.14
		Day 57	2020-08-28 09:31 (29)	5.00		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-22 09:45 (-9)	23.3		7.8 - 26.7
		Day 29	2020-07-31 09:19 (31)	23.3		7.8 - 26.7
		Day 57	2020-08-28 09:31 (29)	28.0 (H)		7.8 - 26.7
US2081104	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-23 09:46 (-9)	40.4 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081104	Activated Partial Thromboplastin Time (sec)	Day 29	2020-08-06 11:32 (36)	38.0 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
		Day 57	2020-09-01 08:44 (27)	38.1 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-23 09:46 (-9)	47 (H)	G1 Alanine Aminotransferase Increased	10 - 33
		Day 29	2020-08-06 11:32 (36)	34 (H)		10 - 33
		Unscheduled	2020-08-13 08:15 (8)	36 (H)		10 - 33
		Day 57	2020-09-01 08:44 (27)	22		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-23 09:46 (-9)	77		30 - 115
		Day 29	2020-08-06 11:32 (36)	77		30 - 115
		Unscheduled	2020-08-13 08:15 (8)	74		30 - 115
		Day 57	2020-09-01 08:44 (27)	88		30 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081104	Aspartate Aminotransferase (U/L)	Screening	2020-06-23 09:46 (-9)	71 (H)	G1 Aspartate Aminotransferase Increased	10 - 36
		Day 29	2020-08-06 11:32 (36)	60 (H)	G1 Aspartate Aminotransferase Increased	10 - 36
		Unscheduled	2020-08-13 08:15 (8)	40 (H)	G1 Aspartate Aminotransferase Increased	10 - 36
		Day 57	2020-09-01 08:44 (27)	28		10 - 36
	Basophils (10^9/L)	Screening	2020-06-23 09:46 (-9)	0.04		0 - 0.3
		Day 29	2020-08-06 11:32 (36)	<0.03		0 - 0.3
		Day 57	2020-09-01 08:44 (27)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-23 09:46 (-9)	0.5		0 - 3
		Day 29	2020-08-06 11:32 (36)	0.3		0 - 3
		Day 57	2020-09-01 08:44 (27)	0.5		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-23 09:46 (-9)	14.7		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081104	Bilirubin (umol/L)	Day 29	2020-08-06 11:32 (36)	12.7		- 18.8
		Unscheduled	2020-08-13 08:15 (8)	11.6		- 18.8
		Day 57	2020-09-01 08:44 (27)	11.5		- 18.8
	Creatinine (umol/L)	Screening	2020-06-23 09:46 (-9)	53 (L)		62 - 124
		Day 29	2020-08-06 11:32 (36)	44 (L)		62 - 124
		Unscheduled	2020-08-13 08:15 (8)	53 (L)		62 - 124
		Day 57	2020-09-01 08:44 (27)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-23 09:46 (-9)	<3.4		0 - 6.8
		Day 29	2020-08-06 11:32 (36)	<3.4		0 - 6.8
		Unscheduled	2020-08-13 08:15 (8)	<3.4		0 - 6.8
		Day 57	2020-09-01 08:44 (27)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-23 09:46 (-9)	0.05		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081104	Eosinophils (10^9/L)	Day 29	2020-08-06 11:32 (36)	0.08		0 - 0.8
		Day 57	2020-09-01 08:44 (27)	0.10		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-23 09:46 (-9)	0.6		0 - 7
		Day 29	2020-08-06 11:32 (36)	1.2		0 - 7
		Day 57	2020-09-01 08:44 (27)	1.7		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-23 09:46 (-9)	4.74		3.7 - 5.2
		Day 29	2020-08-06 11:32 (36)	4.57		3.7 - 5.2
		Day 57	2020-09-01 08:44 (27)	4.78		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-23 09:46 (-9)	0.445		0.33 - 0.47
		Day 29	2020-08-06 11:32 (36)	0.462		0.33 - 0.47
		Day 57	2020-09-01 08:44 (27)	0.455		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-23 09:46 (-9)	140		110 - 155

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081104	Hemoglobin (g/L)	Day 29	2020-08-06 11:32 (36)	136	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-09-01 08:44 (27)	141		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-23 09:46 (-9)	<0.03		0 - 0.07
		Day 29	2020-08-06 11:32 (36)	<0.03		0 - 0.07
		Day 57	2020-09-01 08:44 (27)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-23 09:46 (-9)	0.2		0 - 1
		Day 29	2020-08-06 11:32 (36)	0.3		0 - 1
		Day 57	2020-09-01 08:44 (27)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-23 09:46 (-9)	8.55		3.7 - 11
		Day 29	2020-08-06 11:32 (36)	6.64		3.7 - 11
		Day 57	2020-09-01 08:44 (27)	6.02		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-23 09:46 (-9)	2.41		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081104	Lymphocytes (10^9/L)	Day 29	2020-08-06 11:32 (36)	2.29		0.9 - 3.6
		Day 57	2020-09-01 08:44 (27)	2.13		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-23 09:46 (-9)	28.2		12 - 46
		Day 29	2020-08-06 11:32 (36)	34.5		12 - 46
		Day 57	2020-09-01 08:44 (27)	35.4		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-23 09:46 (-9)	0.76		0 - 1.2
		Day 29	2020-08-06 11:32 (36)	0.53		0 - 1.2
		Day 57	2020-09-01 08:44 (27)	0.49		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-23 09:46 (-9)	8.9		0 - 11
		Day 29	2020-08-06 11:32 (36)	8.0		0 - 11
		Day 57	2020-09-01 08:44 (27)	8.1		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-23 09:46 (-9)	5.27		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081104	Neutrophils (10^9/L)	Day 29	2020-08-06 11:32 (36)	3.70		1.7 - 7.9
		Day 57	2020-09-01 08:44 (27)	3.26		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-23 09:46 (-9)	61.6		34 - 71
		Day 29	2020-08-06 11:32 (36)	55.7		34 - 71
		Day 57	2020-09-01 08:44 (27)	54.1		34 - 71
	Platelets (10^9/L)	Screening	2020-06-23 09:46 (-9)	271		163 - 375
		Day 29	2020-08-06 11:32 (36)	237		163 - 375
		Day 57	2020-09-01 08:44 (27)	252		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-23 09:46 (-9)	1.0		0.9 - 1.1
		Day 29	2020-08-06 11:32 (36)	1.0		0.9 - 1.1
		Day 57	2020-09-01 08:44 (27)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-23 09:46 (-9)	11.8		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081104	Prothrombin Time (sec)	Day 29	2020-08-06 11:32 (36)	12.6 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
		Day 57	2020-09-01 08:44 (27)	12.6 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-23 09:46 (-9)	5.35		1.78 - 7.14
		Day 29	2020-08-06 11:32 (36)	5.00		1.78 - 7.14
		Unscheduled	2020-08-13 08:15 (8)	4.28		1.78 - 7.14
		Day 57	2020-09-01 08:44 (27)	5.00		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-23 09:46 (-9)	25.0		7.8 - 26.7
		Day 29	2020-08-06 11:32 (36)	28.0 (H)		7.8 - 26.7
		Unscheduled	2020-08-13 08:15 (8)	20.0		7.8 - 26.7
		Day 57	2020-09-01 08:44 (27)	23.3		7.8 - 26.7
US2081113	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-24 09:19 (-14)	41.6 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081113	Activated Partial Thromboplastin Time (sec)	Unscheduled	2020-07-03 11:05 (-5)	33.7		25.1 - 36.5
		Day 29	2020-08-10 09:17 (34)	37.4 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
		Day 57	2020-09-08 08:29 (30)	34.1		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-24 09:19 (-14)	13		10 - 40
		Day 29	2020-08-10 09:17 (34)	16		10 - 40
		Day 57	2020-09-08 08:29 (30)	15		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-24 09:19 (-14)	54		43 - 115
		Day 29	2020-08-10 09:17 (34)	58		43 - 115
		Day 57	2020-09-08 08:29 (30)	59		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-24 09:19 (-14)	19		10 - 43
		Day 29	2020-08-10 09:17 (34)	17		10 - 43

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081113	Aspartate Aminotransferase (U/L)	Day 57	2020-09-08 08:29 (30)	18		10 - 43
	Basophils (10^9/L)	Screening	2020-06-24 09:19 (-14)	0.04		0 - 0.3
		Day 29	2020-08-10 09:17 (34)	0.03		0 - 0.3
		Day 57	2020-09-08 08:29 (30)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-24 09:19 (-14)	0.9		0 - 3
		Day 29	2020-08-10 09:17 (34)	0.6		0 - 3
		Day 57	2020-09-08 08:29 (30)	0.8		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-24 09:19 (-14)	5.8		- 18.8
		Day 29	2020-08-10 09:17 (34)	10.6		- 18.8
		Day 57	2020-09-08 08:29 (30)	8.0		- 18.8
	Creatinine (umol/L)	Screening	2020-06-24 09:19 (-14)	80		62 - 124
		Day 29	2020-08-10 09:17 (34)	71		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081113	Creatinine (umol/L)	Day 57	2020-09-08 08:29 (30)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-24 09:19 (-14)	<3.4		0 - 6.8
		Day 29	2020-08-10 09:17 (34)	<3.4		0 - 6.8
		Day 57	2020-09-08 08:29 (30)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-24 09:19 (-14)	0.15		0 - 0.8
		Day 29	2020-08-10 09:17 (34)	0.19		0 - 0.8
		Day 57	2020-09-08 08:29 (30)	0.13		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-24 09:19 (-14)	3.4		0 - 7
		Day 29	2020-08-10 09:17 (34)	3.6		0 - 7
		Day 57	2020-09-08 08:29 (30)	2.6		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-24 09:19 (-14)	4.69		4.63 - 6.08
		Day 29	2020-08-10 09:17 (34)	4.58 (L)		4.63 - 6.08

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081113	Erythrocytes (10^12/L)	Day 57	2020-09-08 08:29 (30)	4.53 (L)		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-24 09:19 (-14)	0.506		0.37 - 0.51
		Day 29	2020-08-10 09:17 (34)	0.490		0.37 - 0.51
		Day 57	2020-09-08 08:29 (30)	0.482		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-24 09:19 (-14)	153		125 - 170
		Day 29	2020-08-10 09:17 (34)	148	G1 Hemoglobin Decreased	125 - 170
		Day 57	2020-09-08 08:29 (30)	148	G1 Hemoglobin Decreased	125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-24 09:19 (-14)	<0.03		0 - 0.07
		Day 29	2020-08-10 09:17 (34)	<0.03		0 - 0.07
		Day 57	2020-09-08 08:29 (30)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-24 09:19 (-14)	0.2		0 - 1
		Day 29	2020-08-10 09:17 (34)	0.4		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081113	Immature Granulocytes/Leukocytes (%)	Day 57	2020-09-08 08:29 (30)	0.4		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-24 09:19 (-14)	4.47		3.7 - 11
		Day 29	2020-08-10 09:17 (34)	5.32		3.7 - 11
		Day 57	2020-09-08 08:29 (30)	5.09		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-24 09:19 (-14)	1.34		0.9 - 3.6
		Day 29	2020-08-10 09:17 (34)	1.49		0.9 - 3.6
		Day 57	2020-09-08 08:29 (30)	1.42		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-24 09:19 (-14)	30.0		12 - 46
		Day 29	2020-08-10 09:17 (34)	28.0		12 - 46
		Day 57	2020-09-08 08:29 (30)	27.9		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-24 09:19 (-14)	0.51		0 - 1.2
		Day 29	2020-08-10 09:17 (34)	0.49		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081113	Monocytes (10^9/L)	Day 57	2020-09-08 08:29 (30)	0.48		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-24 09:19 (-14)	11.4 (H)		0 - 11
		Day 29	2020-08-10 09:17 (34)	9.2		0 - 11
		Day 57	2020-09-08 08:29 (30)	9.4		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-24 09:19 (-14)	2.42		1.7 - 7.9
		Day 29	2020-08-10 09:17 (34)	3.10		1.7 - 7.9
		Day 57	2020-09-08 08:29 (30)	3.00		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-24 09:19 (-14)	54.1		34 - 71
		Day 29	2020-08-10 09:17 (34)	58.2		34 - 71
		Day 57	2020-09-08 08:29 (30)	58.9		34 - 71
	Platelets (10^9/L)	Screening	2020-06-24 09:19 (-14)	216		163 - 375
		Day 29	2020-08-10 09:17 (34)	219		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081113	Platelets (10^9/L)	Day 57	2020-09-08 08:29 (30)	228		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-24 09:19 (-14)	1.0		0.9 - 1.1
		Unscheduled	2020-07-03 11:05 (-5)	1.0		0.9 - 1.1
		Day 29	2020-08-10 09:17 (34)	1.0		0.9 - 1.1
		Day 57	2020-09-08 08:29 (30)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-24 09:19 (-14)	11.2		9.4 - 12.5
		Unscheduled	2020-07-03 11:05 (-5)	11.7		9.4 - 12.5
		Day 29	2020-08-10 09:17 (34)	12.0		9.4 - 12.5
		Day 57	2020-09-08 08:29 (30)	10.9		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-24 09:19 (-14)	6.07		1.78 - 7.14
		Day 29	2020-08-10 09:17 (34)	6.43		1.78 - 7.14
		Day 57	2020-09-08 08:29 (30)	5.71		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081113	Urea Nitrogen/Creatinine	Screening	2020-06-24 09:19 (-14)	18.9		7.8 - 26.7
		Day 29	2020-08-10 09:17 (34)	22.5		7.8 - 26.7
		Day 57	2020-09-08 08:29 (30)	20.0		7.8 - 26.7
US2081119	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-24 13:30 (-12)	36.7 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
		Day 29	2020-08-11 07:10 (37)	37.0 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
		Day 57	2020-09-08 10:44 (29)	29.6		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-24 13:30 (-12)	22		10 - 33
		Day 29	2020-08-11 07:10 (37)	24		10 - 33
		Day 57	2020-09-08 10:44 (29)	22		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-24 13:30 (-12)	61		30 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081119	Alkaline Phosphatase (U/L)	Day 29	2020-08-11 07:10 (37)	63		30 - 115
		Day 57	2020-09-08 10:44 (29)	68		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-24 13:30 (-12)	26		10 - 36
		Day 29	2020-08-11 07:10 (37)	19		10 - 36
		Day 57	2020-09-08 10:44 (29)	22		10 - 36
	Basophils (10^9/L)	Screening	2020-06-24 13:30 (-12)	<0.03		0 - 0.3
		Day 29	2020-08-11 07:10 (37)	0.03		0 - 0.3
		Day 57	2020-09-08 10:44 (29)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-24 13:30 (-12)	0.6		0 - 3
		Day 29	2020-08-11 07:10 (37)	1.1		0 - 3
		Day 57	2020-09-08 10:44 (29)	0.7		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-24 13:30 (-12)	6.3		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081119	Bilirubin (umol/L)	Day 29	2020-08-11 07:10 (37)	5.5		- 18.8
		Day 57	2020-09-08 10:44 (29)	5.0		- 18.8
	Creatinine (umol/L)	Screening	2020-06-24 13:30 (-12)	53 (L)		62 - 124
		Day 29	2020-08-11 07:10 (37)	53 (L)		62 - 124
		Day 57	2020-09-08 10:44 (29)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-24 13:30 (-12)	<3.4		0 - 6.8
		Day 29	2020-08-11 07:10 (37)	<3.4		0 - 6.8
		Day 57	2020-09-08 10:44 (29)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-24 13:30 (-12)	<0.03		0 - 0.8
		Day 29	2020-08-11 07:10 (37)	0.03		0 - 0.8
		Day 57	2020-09-08 10:44 (29)	<0.03		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-24 13:30 (-12)	0.3		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081119	Eosinophils/Leukocytes (%)	Day 29	2020-08-11 07:10 (37)	1.1		0 - 7
		Day 57	2020-09-08 10:44 (29)	0.7		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-24 13:30 (-12)	4.92		3.7 - 5.2
		Day 29	2020-08-11 07:10 (37)	5.04		3.7 - 5.2
		Day 57	2020-09-08 10:44 (29)	4.72		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-24 13:30 (-12)	0.475 (H)		0.33 - 0.47
		Day 29	2020-08-11 07:10 (37)	0.497 (H)		0.33 - 0.47
		Day 57	2020-09-08 10:44 (29)	0.447		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-24 13:30 (-12)	152		110 - 155
		Day 29	2020-08-11 07:10 (37)	158 (H)		110 - 155
		Day 57	2020-09-08 10:44 (29)	145	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-24 13:30 (-12)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081119	Immature Granulocytes (10^9/L)	Day 29	2020-08-11 07:10 (37)	<0.03		0 - 0.07
		Day 57	2020-09-08 10:44 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-24 13:30 (-12)	0.3		0 - 1
		Day 29	2020-08-11 07:10 (37)	0.4		0 - 1
		Day 57	2020-09-08 10:44 (29)	0.0		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-24 13:30 (-12)	3.61 (L)		3.7 - 11
		Day 29	2020-08-11 07:10 (37)	2.66 (L)	G1 WBC Decreased	3.7 - 11
		Day 57	2020-09-08 10:44 (29)	3.07 (L)	G1 WBC Decreased	3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-24 13:30 (-12)	1.01		0.9 - 3.6
		Day 29	2020-08-11 07:10 (37)	0.87 (L)	G1 Lymphocytes Decreased	0.9 - 3.6
		Day 57	2020-09-08 10:44 (29)	1.08		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-24 13:30 (-12)	28.0		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081119	Lymphocytes/Leukocytes (%)	Day 29	2020-08-11 07:10 (37)	32.7		12 - 46
		Day 57	2020-09-08 10:44 (29)	35.2		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-24 13:30 (-12)	0.42		0 - 1.2
		Day 29	2020-08-11 07:10 (37)	0.32		0 - 1.2
		Day 57	2020-09-08 10:44 (29)	0.34		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-24 13:30 (-12)	11.6 (H)		0 - 11
		Day 29	2020-08-11 07:10 (37)	12.0 (H)		0 - 11
		Day 57	2020-09-08 10:44 (29)	11.1 (H)		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-24 13:30 (-12)	2.14		1.7 - 7.9
		Day 29	2020-08-11 07:10 (37)	1.40 (L)	G2 Neutrophils Decreased	1.7 - 7.9
		Day 57	2020-09-08 10:44 (29)	1.61 (L)	G1 Neutrophils Decreased	1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-24 13:30 (-12)	59.2		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081119	Neutrophils/Leukocytes (%)	Day 29	2020-08-11 07:10 (37)	52.7		34 - 71
		Day 57	2020-09-08 10:44 (29)	52.3		34 - 71
	Platelets (10^9/L)	Screening	2020-06-24 13:30 (-12)	198		163 - 375
		Day 29	2020-08-11 07:10 (37)	161 (L)		163 - 375
		Day 57	2020-09-08 10:44 (29)	225		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-24 13:30 (-12)	1.0		0.9 - 1.1
		Day 29	2020-08-11 07:10 (37)	1.0		0.9 - 1.1
		Day 57	2020-09-08 10:44 (29)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-24 13:30 (-12)	11.9		9.4 - 12.5
		Day 29	2020-08-11 07:10 (37)	12.2		9.4 - 12.5
		Day 57	2020-09-08 10:44 (29)	11.7		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-24 13:30 (-12)	5.35		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081119	Urea Nitrogen (mmol/L)	Day 29	2020-08-11 07:10 (37)	2.86		1.78 - 7.14
		Day 57	2020-09-08 10:44 (29)	3.21		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-24 13:30 (-12)	25.0		7.8 - 26.7
		Day 29	2020-08-11 07:10 (37)	13.3		7.8 - 26.7
		Day 57	2020-09-08 10:44 (29)	15.0		7.8 - 26.7
US2081125	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-25 10:39 (-7)	29.8		25.1 - 36.5
		Day 29	2020-08-03 13:15 (33)	26.7		25.1 - 36.5
		Day 57	2020-08-31 12:25 (29)	26.0		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-25 10:39 (-7)	14		10 - 40
		Day 29	2020-08-03 13:15 (33)	15		10 - 40
		Day 57	2020-08-31 12:25 (29)	15		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-25 10:39 (-7)	62		43 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081125	Alkaline Phosphatase (U/L)	Day 29	2020-08-03 13:15 (33)	56		43 - 115
		Day 57	2020-08-31 12:25 (29)	64		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-25 10:39 (-7)	23		10 - 43
		Day 29	2020-08-03 13:15 (33)	20		10 - 43
		Day 57	2020-08-31 12:25 (29)	21		10 - 43
	Basophils (10^9/L)	Screening	2020-06-25 10:39 (-7)	0.04		0 - 0.3
		Day 29	2020-08-03 13:15 (33)	0.03		0 - 0.3
		Day 57	2020-08-31 12:25 (29)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-25 10:39 (-7)	0.9		0 - 3
		Day 29	2020-08-03 13:15 (33)	0.7		0 - 3
		Day 57	2020-08-31 12:25 (29)	0.9		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-25 10:39 (-7)	7.2		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081125	Bilirubin (umol/L)	Day 29	2020-08-03 13:15 (33)	5.6		- 18.8
		Day 57	2020-08-31 12:25 (29)	6.5		- 18.8
	Creatinine (umol/L)	Screening	2020-06-25 10:39 (-7)	71		62 - 124
		Day 29	2020-08-03 13:15 (33)	71		62 - 124
		Day 57	2020-08-31 12:25 (29)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-25 10:39 (-7)	<3.4		0 - 6.8
		Day 29	2020-08-03 13:15 (33)	<3.4		0 - 6.8
		Day 57	2020-08-31 12:25 (29)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-25 10:39 (-7)	0.12		0 - 0.8
		Day 29	2020-08-03 13:15 (33)	0.07		0 - 0.8
		Day 57	2020-08-31 12:25 (29)	0.17		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-25 10:39 (-7)	2.6		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081125	Eosinophils/Leukocytes (%)	Day 29	2020-08-03 13:15 (33)	1.6		0 - 7
		Day 57	2020-08-31 12:25 (29)	3.8		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-25 10:39 (-7)	5.03		4.63 - 6.08
		Day 29	2020-08-03 13:15 (33)	4.99		4.63 - 6.08
		Day 57	2020-08-31 12:25 (29)	5.00		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-25 10:39 (-7)	0.485		0.37 - 0.51
		Day 29	2020-08-03 13:15 (33)	0.452		0.37 - 0.51
		Day 57	2020-08-31 12:25 (29)	0.467		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-25 10:39 (-7)	151		125 - 170
		Day 29	2020-08-03 13:15 (33)	150	G1 Hemoglobin Decreased	125 - 170
		Day 57	2020-08-31 12:25 (29)	150	G1 Hemoglobin Decreased	125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-25 10:39 (-7)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081125	Immature Granulocytes (10^9/L)	Day 29	2020-08-03 13:15 (33)	<0.03		0 - 0.07
		Day 57	2020-08-31 12:25 (29)	0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-25 10:39 (-7)	0.0		0 - 1
		Day 29	2020-08-03 13:15 (33)	0.2		0 - 1
		Day 57	2020-08-31 12:25 (29)	0.7		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-25 10:39 (-7)	4.68		3.7 - 11
		Day 29	2020-08-03 13:15 (33)	4.31		3.7 - 11
		Day 57	2020-08-31 12:25 (29)	4.42		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-25 10:39 (-7)	1.37		0.9 - 3.6
		Day 29	2020-08-03 13:15 (33)	1.21		0.9 - 3.6
		Day 57	2020-08-31 12:25 (29)	1.56		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-25 10:39 (-7)	29.3		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081125	Lymphocytes/Leukocytes (%)	Day 29	2020-08-03 13:15 (33)	28.1		12 - 46
		Day 57	2020-08-31 12:25 (29)	35.3		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-25 10:39 (-7)	0.53		0 - 1.2
		Day 29	2020-08-03 13:15 (33)	0.45		0 - 1.2
		Day 57	2020-08-31 12:25 (29)	0.53		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-25 10:39 (-7)	11.3 (H)		0 - 11
		Day 29	2020-08-03 13:15 (33)	10.4		0 - 11
		Day 57	2020-08-31 12:25 (29)	12.0 (H)		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-25 10:39 (-7)	2.62		1.7 - 7.9
		Day 29	2020-08-03 13:15 (33)	2.54		1.7 - 7.9
		Day 57	2020-08-31 12:25 (29)	2.09		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-25 10:39 (-7)	55.9		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081125	Neutrophils/Leukocytes (%)	Day 29	2020-08-03 13:15 (33)	59.0		34 - 71
		Day 57	2020-08-31 12:25 (29)	47.3		34 - 71
	Platelets (10^9/L)	Screening	2020-06-25 10:39 (-7)	225		163 - 375
		Day 29	2020-08-03 13:15 (33)	208		163 - 375
		Day 57	2020-08-31 12:25 (29)	220		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-25 10:39 (-7)	1.0		0.9 - 1.1
		Day 29	2020-08-03 13:15 (33)	1.0		0.9 - 1.1
		Day 57	2020-08-31 12:25 (29)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-25 10:39 (-7)	11.9		9.4 - 12.5
		Day 29	2020-08-03 13:15 (33)	12.1		9.4 - 12.5
		Day 57	2020-08-31 12:25 (29)	11.2		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-25 10:39 (-7)	4.64		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081125	Urea Nitrogen (mmol/L)	Day 29	2020-08-03 13:15 (33)	5.71		1.78 - 7.14
		Day 57	2020-08-31 12:25 (29)	4.64		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-25 10:39 (-7)	16.2		7.8 - 26.7
		Day 29	2020-08-03 13:15 (33)	20.0		7.8 - 26.7
		Day 57	2020-08-31 12:25 (29)	16.2		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011012	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-26 16:08 (-6)	30.6		25.1 - 36.5
		Day 29	2020-06-30 14:05 (30)	31.0		25.1 - 36.5
		Day 57	2020-07-31 14:03 (32)	35.3		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-05-26 16:08 (-6)	18		10 - 33
		Day 29	2020-06-30 14:05 (30)	18		10 - 33
		Day 57	2020-07-31 14:03 (32)	16		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-26 16:08 (-6)	77		30 - 115
		Day 29	2020-06-30 14:05 (30)	74		30 - 115
		Day 57	2020-07-31 14:03 (32)	67		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-26 16:08 (-6)	19		10 - 36
		Day 29	2020-06-30 14:05 (30)	19		10 - 36
		Day 57	2020-07-31 14:03 (32)	23		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011012	Basophils (10^9/L)	Screening	2020-05-26 16:08 (-6)	<0.03		0 - 0.3
		Day 29	2020-06-30 14:05 (30)	<0.03		0 - 0.3
		Day 57	2020-07-31 14:03 (32)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-26 16:08 (-6)	0.0		0 - 3
		Day 29	2020-06-30 14:05 (30)	0.0		0 - 3
		Day 57	2020-07-31 14:03 (32)	0.0		0 - 3
	Bilirubin (umol/L)	Screening	2020-05-26 16:08 (-6)	9.1		- 18.8
		Day 29	2020-06-30 14:05 (30)	8.9		- 18.8
		Day 57	2020-07-31 14:03 (32)	10.9		- 18.8
	Creatinine (umol/L)	Screening	2020-05-26 16:08 (-6)	62		62 - 124
		Day 29	2020-06-30 14:05 (30)	62		62 - 124
		Day 57	2020-07-31 14:03 (32)	62		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011012	Direct Bilirubin (umol/L)	Screening	2020-05-26 16:08 (-6)	<3.4		0 - 6.8
		Day 29	2020-06-30 14:05 (30)	<3.4		0 - 6.8
		Day 57	2020-07-31 14:03 (32)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-05-26 16:08 (-6)	<0.03		0 - 0.8
		Day 29	2020-06-30 14:05 (30)	<0.03		0 - 0.8
		Day 57	2020-07-31 14:03 (32)	<0.03		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-26 16:08 (-6)	0.0		0 - 7
		Day 29	2020-06-30 14:05 (30)	0.0		0 - 7
		Day 57	2020-07-31 14:03 (32)	0.0		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-26 16:08 (-6)	4.24		3.7 - 5.2
		Day 29	2020-06-30 14:05 (30)	3.89		3.7 - 5.2
		Day 57	2020-07-31 14:03 (32)	3.90		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011012	Hematocrit (L/L)	Screening	2020-05-26 16:08 (-6)	0.430		0.33 - 0.47
		Day 29	2020-06-30 14:05 (30)	0.396		0.33 - 0.47
		Day 57	2020-07-31 14:03 (32)	0.396		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-26 16:08 (-6)	134		110 - 155
		Day 29	2020-06-30 14:05 (30)	119	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-07-31 14:03 (32)	122	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-26 16:08 (-6)	<0.03		0 - 0.07
		Day 29	2020-06-30 14:05 (30)	<0.03		0 - 0.07
		Day 57	2020-07-31 14:03 (32)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-26 16:08 (-6)	0.1		0 - 1
		Day 29	2020-06-30 14:05 (30)	0.2		0 - 1
		Day 57	2020-07-31 14:03 (32)	0.2		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011012	Leukocytes (10^9/L)	Screening	2020-05-26 16:08 (-6)	6.91		3.7 - 11
		Day 29	2020-06-30 14:05 (30)	4.48		3.7 - 11
		Day 57	2020-07-31 14:03 (32)	5.19		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-26 16:08 (-6)	2.09		0.9 - 3.6
		Day 29	2020-06-30 14:05 (30)	1.69		0.9 - 3.6
		Day 57	2020-07-31 14:03 (32)	1.87		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-26 16:08 (-6)	30.2		12 - 46
		Day 29	2020-06-30 14:05 (30)	37.7		12 - 46
		Day 57	2020-07-31 14:03 (32)	36.0		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-26 16:08 (-6)	0.47		0 - 1.2
		Day 29	2020-06-30 14:05 (30)	0.36		0 - 1.2
		Day 57	2020-07-31 14:03 (32)	0.38		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011012	Monocytes/Leukocytes (%)	Screening	2020-05-26 16:08 (-6)	6.8		0 - 11
		Day 29	2020-06-30 14:05 (30)	8.0		0 - 11
		Day 57	2020-07-31 14:03 (32)	7.3		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-26 16:08 (-6)	4.34		1.7 - 7.9
		Day 29	2020-06-30 14:05 (30)	2.42		1.7 - 7.9
		Day 57	2020-07-31 14:03 (32)	2.93		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-26 16:08 (-6)	62.9		34 - 71
		Day 29	2020-06-30 14:05 (30)	54.1		34 - 71
		Day 57	2020-07-31 14:03 (32)	56.5		34 - 71
	Platelets (10^9/L)	Screening	2020-05-26 16:08 (-6)	299		163 - 375
		Day 29	2020-06-30 14:05 (30)	263		163 - 375
		Day 57	2020-07-31 14:03 (32)	260		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011012	Prothrombin Intl. Normalized Ratio	Screening	2020-05-26 16:08 (-6)	0.9		0.9 - 1.1
		Day 29	2020-06-30 14:05 (30)	0.9		0.9 - 1.1
		Day 57	2020-07-31 14:03 (32)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-26 16:08 (-6)	10.4		9.4 - 12.5
		Day 29	2020-06-30 14:05 (30)	10.8		9.4 - 12.5
		Day 57	2020-07-31 14:03 (32)	12.3		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-05-26 16:08 (-6)	5.35		1.78 - 7.14
		Day 29	2020-06-30 14:05 (30)	5.35		1.78 - 7.14
		Day 57	2020-07-31 14:03 (32)	6.07		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-26 16:08 (-6)	21.4		7.8 - 26.7
		Day 29	2020-06-30 14:05 (30)	21.4		7.8 - 26.7
		Day 57	2020-07-31 14:03 (32)	24.3		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011014	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-26 16:21 (-6)	29.9		25.1 - 36.5
		Day 29	2020-06-29 07:34 (29)	29.7		25.1 - 36.5
		Day 57	2020-07-29 12:55 (31)	25.8		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-05-26 16:21 (-6)	21		10 - 33
		Day 29	2020-06-29 07:34 (29)	37 (H)	G1 Alanine Aminotransferase Increased	10 - 33
		Day 57	2020-07-29 12:55 (31)	21		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-26 16:21 (-6)	92		30 - 115
		Day 29	2020-06-29 07:34 (29)	95		30 - 115
		Day 57	2020-07-29 12:55 (31)	83		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-26 16:21 (-6)	22		10 - 36
		Day 29	2020-06-29 07:34 (29)	42 (H)	G1 Aspartate Aminotransferase Increased	10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011014	Aspartate Aminotransferase (U/L)	Day 57	2020-07-29 12:55 (31)	23		10 - 36
	Basophils (10^9/L)	Screening	2020-05-26 16:21 (-6)	0.06		0 - 0.3
		Day 29	2020-06-29 07:34 (29)	0.06		0 - 0.3
		Day 57	2020-07-29 12:55 (31)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-26 16:21 (-6)	0.9		0 - 3
		Day 29	2020-06-29 07:34 (29)	1.3		0 - 3
		Day 57	2020-07-29 12:55 (31)	0.7		0 - 3
	Bilirubin (umol/L)	Screening	2020-05-26 16:21 (-6)	4.1		- 18.8
		Day 29	2020-06-29 07:34 (29)	<2.6		- 18.8
		Day 57	2020-07-29 12:55 (31)	4.4		- 18.8
	Creatinine (umol/L)	Screening	2020-05-26 16:21 (-6)	71		62 - 124
		Day 29	2020-06-29 07:34 (29)	80		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011014	Creatinine (umol/L)	Day 57	2020-07-29 12:55 (31)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-26 16:21 (-6)	<3.4		0 - 6.8
		Day 29	2020-06-29 07:34 (29)	<3.4		0 - 6.8
		Day 57	2020-07-29 12:55 (31)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-05-26 16:21 (-6)	0.22		0 - 0.8
		Day 29	2020-06-29 07:34 (29)	0.16		0 - 0.8
		Day 57	2020-07-29 12:55 (31)	0.20		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-26 16:21 (-6)	3.4		0 - 7
		Day 29	2020-06-29 07:34 (29)	3.5		0 - 7
		Day 57	2020-07-29 12:55 (31)	3.5		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-26 16:21 (-6)	4.61		3.7 - 5.2
		Day 29	2020-06-29 07:34 (29)	4.43		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011014	Erythrocytes (10^12/L)	Day 57	2020-07-29 12:55 (31)	4.39		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-26 16:21 (-6)	0.416		0.33 - 0.47
		Day 29	2020-06-29 07:34 (29)	0.419		0.33 - 0.47
		Day 57	2020-07-29 12:55 (31)	0.423		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-26 16:21 (-6)	129		110 - 155
		Day 29	2020-06-29 07:34 (29)	127	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-07-29 12:55 (31)	127	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-26 16:21 (-6)	<0.03		0 - 0.07
		Day 29	2020-06-29 07:34 (29)	<0.03		0 - 0.07
		Day 57	2020-07-29 12:55 (31)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-26 16:21 (-6)	0.3		0 - 1
		Day 29	2020-06-29 07:34 (29)	0.0		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011014	Immature Granulocytes/Leukocytes (%)	Day 57	2020-07-29 12:55 (31)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-26 16:21 (-6)	6.52		3.7 - 11
		Day 29	2020-06-29 07:34 (29)	4.58		3.7 - 11
		Day 57	2020-07-29 12:55 (31)	5.79		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-26 16:21 (-6)	1.78		0.9 - 3.6
		Day 29	2020-06-29 07:34 (29)	1.20		0.9 - 3.6
		Day 57	2020-07-29 12:55 (31)	1.29		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-26 16:21 (-6)	27.3		12 - 46
		Day 29	2020-06-29 07:34 (29)	26.2		12 - 46
		Day 57	2020-07-29 12:55 (31)	22.3		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-26 16:21 (-6)	0.78		0 - 1.2
		Day 29	2020-06-29 07:34 (29)	0.54		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011014	Monocytes (10^9/L)	Day 57	2020-07-29 12:55 (31)	0.57		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-26 16:21 (-6)	12.0 (H)		0 - 11
		Day 29	2020-06-29 07:34 (29)	11.8 (H)		0 - 11
		Day 57	2020-07-29 12:55 (31)	9.8		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-26 16:21 (-6)	3.66		1.7 - 7.9
		Day 29	2020-06-29 07:34 (29)	2.62		1.7 - 7.9
		Day 57	2020-07-29 12:55 (31)	3.67		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-26 16:21 (-6)	56.1		34 - 71
		Day 29	2020-06-29 07:34 (29)	57.2		34 - 71
		Day 57	2020-07-29 12:55 (31)	63.4		34 - 71
	Platelets (10^9/L)	Screening	2020-05-26 16:21 (-6)	203		163 - 375
		Day 29	2020-06-29 07:34 (29)	194		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011014	Platelets (10^9/L)	Day 57	2020-07-29 12:55 (31)	171		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-26 16:21 (-6)	0.9		0.9 - 1.1
		Day 29	2020-06-29 07:34 (29)	0.9		0.9 - 1.1
		Day 57	2020-07-29 12:55 (31)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-26 16:21 (-6)	10.4		9.4 - 12.5
		Day 29	2020-06-29 07:34 (29)	10.4		9.4 - 12.5
		Day 57	2020-07-29 12:55 (31)	11.9		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-05-26 16:21 (-6)	7.50 (H)		1.78 - 7.14
		Day 29	2020-06-29 07:34 (29)	6.78		1.78 - 7.14
		Day 57	2020-07-29 12:55 (31)	5.00		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-26 16:21 (-6)	26.2		7.8 - 26.7
		Day 29	2020-06-29 07:34 (29)	21.1		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011014	Urea Nitrogen/Creatinine	Day 57	2020-07-29 12:55 (31)	17.5		7.8 - 26.7
US2011032	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-27 10:28 (-6)	34.1		25.1 - 36.5
		Day 29	2020-07-01 12:00 (30)	33.4		25.1 - 36.5
		Day 57	2020-07-29 13:12 (29)	32.9		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-05-27 10:28 (-6)	20		10 - 40
		Day 29	2020-07-01 12:00 (30)	17		10 - 40
		Day 57	2020-07-29 13:12 (29)	17		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-05-27 10:28 (-6)	46		43 - 115
		Day 29	2020-07-01 12:00 (30)	50		43 - 115
		Day 57	2020-07-29 13:12 (29)	47		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-27 10:28 (-6)	30		10 - 43
		Day 29	2020-07-01 12:00 (30)	26		10 - 43

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011032	Aspartate Aminotransferase (U/L)	Day 57	2020-07-29 13:12 (29)	30		10 - 43
	Basophils (10^9/L)	Screening	2020-05-27 10:28 (-6)	0.05		0 - 0.3
		Day 29	2020-07-01 12:00 (30)	0.04		0 - 0.3
		Day 57	2020-07-29 13:12 (29)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-27 10:28 (-6)	1.1		0 - 3
		Day 29	2020-07-01 12:00 (30)	0.9		0 - 3
		Day 57	2020-07-29 13:12 (29)	0.9		0 - 3
	Bilirubin (umol/L)	Screening	2020-05-27 10:28 (-6)	9.6		- 18.8
		Day 29	2020-07-01 12:00 (30)	10.8		- 18.8
		Day 57	2020-07-29 13:12 (29)	9.6		- 18.8
	Creatinine (umol/L)	Screening	2020-05-27 10:28 (-6)	88		62 - 124
		Day 29	2020-07-01 12:00 (30)	88		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011032	Creatinine (umol/L)	Day 57	2020-07-29 13:12 (29)	80		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-27 10:28 (-6)	<3.4		0 - 6.8
		Day 29	2020-07-01 12:00 (30)	<3.4		0 - 6.8
		Day 57	2020-07-29 13:12 (29)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-05-27 10:28 (-6)	0.14		0 - 0.8
		Day 29	2020-07-01 12:00 (30)	0.10		0 - 0.8
		Day 57	2020-07-29 13:12 (29)	0.13		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-27 10:28 (-6)	3.0		0 - 7
		Day 29	2020-07-01 12:00 (30)	2.1		0 - 7
		Day 57	2020-07-29 13:12 (29)	2.9		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-27 10:28 (-6)	5.49		4.63 - 6.08
		Day 29	2020-07-01 12:00 (30)	5.18		4.63 - 6.08

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011032	Erythrocytes (10^12/L)	Day 57	2020-07-29 13:12 (29)	5.19		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-05-27 10:28 (-6)	0.525 (H)		0.37 - 0.51
		Day 29	2020-07-01 12:00 (30)	0.502		0.37 - 0.51
		Day 57	2020-07-29 13:12 (29)	0.514 (H)		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-05-27 10:28 (-6)	167		125 - 170
		Day 29	2020-07-01 12:00 (30)	157	G1 Hemoglobin Decreased	125 - 170
		Day 57	2020-07-29 13:12 (29)	158	G1 Hemoglobin Decreased	125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-05-27 10:28 (-6)	<0.03		0 - 0.07
		Day 29	2020-07-01 12:00 (30)	<0.03		0 - 0.07
		Day 57	2020-07-29 13:12 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-27 10:28 (-6)	0.2		0 - 1
		Day 29	2020-07-01 12:00 (30)	0.2		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011032	Immature Granulocytes/Leukocytes (%)	Day 57	2020-07-29 13:12 (29)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-27 10:28 (-6)	4.65		3.7 - 11
		Day 29	2020-07-01 12:00 (30)	4.68		3.7 - 11
		Day 57	2020-07-29 13:12 (29)	4.48		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-27 10:28 (-6)	1.48		0.9 - 3.6
		Day 29	2020-07-01 12:00 (30)	1.33		0.9 - 3.6
		Day 57	2020-07-29 13:12 (29)	1.18		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-27 10:28 (-6)	31.8		12 - 46
		Day 29	2020-07-01 12:00 (30)	28.4		12 - 46
		Day 57	2020-07-29 13:12 (29)	26.3		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-27 10:28 (-6)	0.41		0 - 1.2
		Day 29	2020-07-01 12:00 (30)	0.45		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011032	Monocytes (10^9/L)	Day 57	2020-07-29 13:12 (29)	0.35		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-27 10:28 (-6)	8.8		0 - 11
		Day 29	2020-07-01 12:00 (30)	9.6		0 - 11
		Day 57	2020-07-29 13:12 (29)	7.8		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-27 10:28 (-6)	2.56		1.7 - 7.9
		Day 29	2020-07-01 12:00 (30)	2.75		1.7 - 7.9
		Day 57	2020-07-29 13:12 (29)	2.77		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-27 10:28 (-6)	55.1		34 - 71
		Day 29	2020-07-01 12:00 (30)	58.8		34 - 71
		Day 57	2020-07-29 13:12 (29)	61.9		34 - 71
	Platelets (10^9/L)	Screening	2020-05-27 10:28 (-6)	271		163 - 375
		Day 29	2020-07-01 12:00 (30)	274		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011032	Platelets (10^9/L)	Day 57	2020-07-29 13:12 (29)	260		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-27 10:28 (-6)	0.9		0.9 - 1.1
		Day 29	2020-07-01 12:00 (30)	0.9		0.9 - 1.1
		Day 57	2020-07-29 13:12 (29)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-27 10:28 (-6)	10.8		9.4 - 12.5
		Day 29	2020-07-01 12:00 (30)	10.7		9.4 - 12.5
		Day 57	2020-07-29 13:12 (29)	11.2		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-05-27 10:28 (-6)	4.64		1.78 - 7.14
		Day 29	2020-07-01 12:00 (30)	6.07		1.78 - 7.14
		Day 57	2020-07-29 13:12 (29)	4.28		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-27 10:28 (-6)	13.0		7.8 - 26.7
		Day 29	2020-07-01 12:00 (30)	17.0		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011032	Urea Nitrogen/Creatinine	Day 57	2020-07-29 13:12 (29)	13.3		7.8 - 26.7
US2011040	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-27 14:08 (-5)	33.0		25.1 - 36.5
		Day 29	2020-06-29 09:23 (29)	34.5		25.1 - 36.5
		Day 57	2020-07-28 09:45 (30)	30.8		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-05-27 14:08 (-5)	13		10 - 33
		Day 29	2020-06-29 09:23 (29)	13		10 - 33
		Day 57	2020-07-28 09:45 (30)	15		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-27 14:08 (-5)	59		30 - 115
		Day 29	2020-06-29 09:23 (29)	53		30 - 115
		Day 57	2020-07-28 09:45 (30)	52		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-27 14:08 (-5)	20		10 - 36
		Day 29	2020-06-29 09:23 (29)	20		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011040	Aspartate Aminotransferase (U/L)	Day 57	2020-07-28 09:45 (30)	18		10 - 36
	Basophils (10^9/L)	Screening	2020-05-27 14:08 (-5)	<0.03		0 - 0.3
		Day 29	2020-06-29 09:23 (29)	<0.03		0 - 0.3
		Day 57	2020-07-28 09:45 (30)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-27 14:08 (-5)	0.4		0 - 3
		Day 29	2020-06-29 09:23 (29)	0.3		0 - 3
		Day 57	2020-07-28 09:45 (30)	0.6		0 - 3
	Bilirubin (umol/L)	Screening	2020-05-27 14:08 (-5)	2.6		- 18.8
		Day 29	2020-06-29 09:23 (29)	5.0		- 18.8
		Day 57	2020-07-28 09:45 (30)	2.7		- 18.8
	Creatinine (umol/L)	Screening	2020-05-27 14:08 (-5)	80		62 - 124
		Day 29	2020-06-29 09:23 (29)	62		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011040	Creatinine (umol/L)	Day 57	2020-07-28 09:45 (30)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-27 14:08 (-5)	<3.4		0 - 6.8
		Day 29	2020-06-29 09:23 (29)	<3.4		0 - 6.8
		Day 57	2020-07-28 09:45 (30)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-05-27 14:08 (-5)	0.06		0 - 0.8
		Day 29	2020-06-29 09:23 (29)	0.03		0 - 0.8
		Day 57	2020-07-28 09:45 (30)	0.05		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-27 14:08 (-5)	1.2		0 - 7
		Day 29	2020-06-29 09:23 (29)	0.9		0 - 7
		Day 57	2020-07-28 09:45 (30)	1.4		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-27 14:08 (-5)	5.12		3.7 - 5.2
		Day 29	2020-06-29 09:23 (29)	4.54		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011040	Erythrocytes (10^12/L)	Day 57	2020-07-28 09:45 (30)	4.59		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-27 14:08 (-5)	0.430		0.33 - 0.47
		Day 29	2020-06-29 09:23 (29)	0.398		0.33 - 0.47
		Day 57	2020-07-28 09:45 (30)	0.399		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-27 14:08 (-5)	136		110 - 155
		Day 29	2020-06-29 09:23 (29)	120	G2 Hemoglobin Decreased	110 - 155
		Day 57	2020-07-28 09:45 (30)	119	G2 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-27 14:08 (-5)	<0.03		0 - 0.07
		Day 29	2020-06-29 09:23 (29)	<0.03		0 - 0.07
		Day 57	2020-07-28 09:45 (30)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-27 14:08 (-5)	0.2		0 - 1
		Day 29	2020-06-29 09:23 (29)	0.3		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011040	Immature Granulocytes/Leukocytes (%)	Day 57	2020-07-28 09:45 (30)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-27 14:08 (-5)	4.96		3.7 - 11
		Day 29	2020-06-29 09:23 (29)	3.35 (L)	G1 WBC Decreased	3.7 - 11
		Day 57	2020-07-28 09:45 (30)	3.56 (L)		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-27 14:08 (-5)	1.65		0.9 - 3.6
		Day 29	2020-06-29 09:23 (29)	1.39		0.9 - 3.6
		Day 57	2020-07-28 09:45 (30)	1.44		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-27 14:08 (-5)	33.3		12 - 46
		Day 29	2020-06-29 09:23 (29)	41.5		12 - 46
		Day 57	2020-07-28 09:45 (30)	40.4		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-27 14:08 (-5)	0.31		0 - 1.2
		Day 29	2020-06-29 09:23 (29)	0.27		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011040	Monocytes (10^9/L)	Day 57	2020-07-28 09:45 (30)	0.29		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-27 14:08 (-5)	6.3		0 - 11
		Day 29	2020-06-29 09:23 (29)	8.1		0 - 11
		Day 57	2020-07-28 09:45 (30)	8.1		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-27 14:08 (-5)	2.91		1.7 - 7.9
		Day 29	2020-06-29 09:23 (29)	1.64 (L)	G1 Neutrophils Decreased	1.7 - 7.9
		Day 57	2020-07-28 09:45 (30)	1.75	G1 Neutrophils Decreased	1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-27 14:08 (-5)	58.6		34 - 71
		Day 29	2020-06-29 09:23 (29)	48.9		34 - 71
		Day 57	2020-07-28 09:45 (30)	49.2		34 - 71
	Platelets (10^9/L)	Screening	2020-05-27 14:08 (-5)	265		163 - 375
		Day 29	2020-06-29 09:23 (29)	232		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011040	Platelets (10^9/L)	Day 57	2020-07-28 09:45 (30)	221		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-27 14:08 (-5)	1.0		0.9 - 1.1
		Day 29	2020-06-29 09:23 (29)	1.1		0.9 - 1.1
		Day 57	2020-07-28 09:45 (30)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-27 14:08 (-5)	11.5		9.4 - 12.5
		Day 29	2020-06-29 09:23 (29)	12.2		9.4 - 12.5
		Day 57	2020-07-28 09:45 (30)	11.3		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-05-27 14:08 (-5)	4.64		1.78 - 7.14
		Day 29	2020-06-29 09:23 (29)	5.35		1.78 - 7.14
		Day 57	2020-07-28 09:45 (30)	5.71		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-27 14:08 (-5)	14.4		7.8 - 26.7
		Day 29	2020-06-29 09:23 (29)	21.4		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011040	Urea Nitrogen/Creatinine	Day 57	2020-07-28 09:45 (30)	20.0		7.8 - 26.7
US2011117	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-12 15:55 (-14)	33.7		25.1 - 36.5
		Day 29	2020-07-24 08:20 (29)	32.9		25.1 - 36.5
		Day 57	2020-08-21 08:01 (29)	39.6 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-12 15:55 (-14)	18		10 - 40
		Day 29	2020-07-24 08:20 (29)	16		10 - 40
		Day 57	2020-08-21 08:01 (29)	21		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-12 15:55 (-14)	66		43 - 115
		Day 29	2020-07-24 08:20 (29)	63		43 - 115
		Day 57	2020-08-21 08:01 (29)	67		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-12 15:55 (-14)	22		10 - 43

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011117	Aspartate Aminotransferase (U/L)	Day 29	2020-07-24 08:20 (29)	20		10 - 43
		Day 57	2020-08-21 08:01 (29)	20		10 - 43
	Basophils (10^9/L)	Screening	2020-06-12 15:55 (-14)	0.05		0 - 0.3
		Day 29	2020-07-24 08:20 (29)	0.06		0 - 0.3
		Day 57	2020-08-21 08:01 (29)	0.05		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-12 15:55 (-14)	1.0		0 - 3
		Day 29	2020-07-24 08:20 (29)	1.4		0 - 3
		Day 57	2020-08-21 08:01 (29)	1.1		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-12 15:55 (-14)	5.8		- 18.8
		Day 29	2020-07-24 08:20 (29)	7.2		- 18.8
		Day 57	2020-08-21 08:01 (29)	7.2		- 18.8
	Creatinine (umol/L)	Screening	2020-06-12 15:55 (-14)	62		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011117	Creatinine (umol/L)	Day 29	2020-07-24 08:20 (29)	62		62 - 124
		Day 57	2020-08-21 08:01 (29)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-12 15:55 (-14)	<3.4		0 - 6.8
		Day 29	2020-07-24 08:20 (29)	<3.4		0 - 6.8
		Day 57	2020-08-21 08:01 (29)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-12 15:55 (-14)	0.16		0 - 0.8
		Day 29	2020-07-24 08:20 (29)	0.19		0 - 0.8
		Day 57	2020-08-21 08:01 (29)	0.15		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-12 15:55 (-14)	3.1		0 - 7
		Day 29	2020-07-24 08:20 (29)	4.4		0 - 7
		Day 57	2020-08-21 08:01 (29)	3.4		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-12 15:55 (-14)	4.53 (L)		4.63 - 6.08

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011117	Erythrocytes (10^12/L)	Day 29	2020-07-24 08:20 (29)	4.39 (L)		4.63 - 6.08
		Day 57	2020-08-21 08:01 (29)	4.69		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-12 15:55 (-14)	0.455		0.37 - 0.51
		Day 29	2020-07-24 08:20 (29)	0.454		0.37 - 0.51
		Day 57	2020-08-21 08:01 (29)	0.480		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-12 15:55 (-14)	150		125 - 170
		Day 29	2020-07-24 08:20 (29)	146	G1 Hemoglobin Decreased	125 - 170
		Day 57	2020-08-21 08:01 (29)	153		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-12 15:55 (-14)	<0.03		0 - 0.07
		Day 29	2020-07-24 08:20 (29)	<0.03		0 - 0.07
		Day 57	2020-08-21 08:01 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-12 15:55 (-14)	0.2		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011117	Immature Granulocytes/Leukocytes (%)	Day 29	2020-07-24 08:20 (29)	0.2		0 - 1
		Day 57	2020-08-21 08:01 (29)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-12 15:55 (-14)	5.24		3.7 - 11
		Day 29	2020-07-24 08:20 (29)	4.32		3.7 - 11
		Day 57	2020-08-21 08:01 (29)	4.46		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-12 15:55 (-14)	1.63		0.9 - 3.6
		Day 29	2020-07-24 08:20 (29)	1.34		0.9 - 3.6
		Day 57	2020-08-21 08:01 (29)	1.20		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-12 15:55 (-14)	31.1		12 - 46
		Day 29	2020-07-24 08:20 (29)	31.0		12 - 46
		Day 57	2020-08-21 08:01 (29)	26.9		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-12 15:55 (-14)	0.47		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011117	Monocytes (10^9/L)	Day 29	2020-07-24 08:20 (29)	0.40		0 - 1.2
		Day 57	2020-08-21 08:01 (29)	0.39		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-12 15:55 (-14)	9.0		0 - 11
		Day 29	2020-07-24 08:20 (29)	9.3		0 - 11
		Day 57	2020-08-21 08:01 (29)	8.7		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-12 15:55 (-14)	2.92		1.7 - 7.9
		Day 29	2020-07-24 08:20 (29)	2.32		1.7 - 7.9
		Day 57	2020-08-21 08:01 (29)	2.66		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-12 15:55 (-14)	55.6		34 - 71
		Day 29	2020-07-24 08:20 (29)	53.7		34 - 71
		Day 57	2020-08-21 08:01 (29)	59.7		34 - 71
	Platelets (10^9/L)	Screening	2020-06-12 15:55 (-14)	183		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011117	Platelets (10^9/L)	Day 29	2020-07-24 08:20 (29)	190		163 - 375
		Day 57	2020-08-21 08:01 (29)	207		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-12 15:55 (-14)	1.0		0.9 - 1.1
		Day 29	2020-07-24 08:20 (29)	1.0		0.9 - 1.1
		Day 57	2020-08-21 08:01 (29)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-12 15:55 (-14)	11.3		9.4 - 12.5
		Day 29	2020-07-24 08:20 (29)	11.3		9.4 - 12.5
		Day 57	2020-08-21 08:01 (29)	11.9		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-12 15:55 (-14)	4.28		1.78 - 7.14
		Day 29	2020-07-24 08:20 (29)	5.35		1.78 - 7.14
		Day 57	2020-08-21 08:01 (29)	3.57		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-12 15:55 (-14)	17.1		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011117	Urea Nitrogen/Creatinine	Day 29	2020-07-24 08:20 (29)	21.4		7.8 - 26.7
		Day 57	2020-08-21 08:01 (29)	14.3		7.8 - 26.7
US2011123	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-17 12:55 (-9)	32.0		25.1 - 36.5
		Day 29	2020-07-24 15:25 (29)	34.3		25.1 - 36.5
		Day 57	2020-08-21 13:49 (29)	29.8		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-17 12:55 (-9)	18		10 - 40
		Day 29	2020-07-24 15:25 (29)	21		10 - 40
		Day 57	2020-08-21 13:49 (29)	22		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-17 12:55 (-9)	81		43 - 115
		Day 29	2020-07-24 15:25 (29)	83		43 - 115
		Day 57	2020-08-21 13:49 (29)	89		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-17 12:55 (-9)	20		10 - 43

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011123	Aspartate Aminotransferase (U/L)	Day 29	2020-07-24 15:25 (29)	15		10 - 43
		Day 57	2020-08-21 13:49 (29)	19		10 - 43
	Basophils (10^9/L)	Screening	2020-06-17 12:55 (-9)	0.05		0 - 0.3
		Day 29	2020-07-24 15:25 (29)	0.07		0 - 0.3
		Day 57	2020-08-21 13:49 (29)	0.06		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-17 12:55 (-9)	1.0		0 - 3
		Day 29	2020-07-24 15:25 (29)	1.3		0 - 3
		Day 57	2020-08-21 13:49 (29)	1.2		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-17 12:55 (-9)	5.5		- 18.8
		Day 29	2020-07-24 15:25 (29)	5.3		- 18.8
		Day 57	2020-08-21 13:49 (29)	5.8		- 18.8
	Creatinine (umol/L)	Screening	2020-06-17 12:55 (-9)	88		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011123	Creatinine (umol/L)	Day 29	2020-07-24 15:25 (29)	88		62 - 124
		Day 57	2020-08-21 13:49 (29)	80		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-17 12:55 (-9)	<3.4		0 - 6.8
		Day 29	2020-07-24 15:25 (29)	<3.4		0 - 6.8
		Day 57	2020-08-21 13:49 (29)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-17 12:55 (-9)	0.09		0 - 0.8
		Day 29	2020-07-24 15:25 (29)	0.12		0 - 0.8
		Day 57	2020-08-21 13:49 (29)	0.13		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-17 12:55 (-9)	1.8		0 - 7
		Day 29	2020-07-24 15:25 (29)	2.2		0 - 7
		Day 57	2020-08-21 13:49 (29)	2.5		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-17 12:55 (-9)	5.15		4.63 - 6.08

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011123	Erythrocytes (10^12/L)	Day 29	2020-07-24 15:25 (29)	4.81		4.63 - 6.08
		Day 57	2020-08-21 13:49 (29)	4.95		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-17 12:55 (-9)	0.505		0.37 - 0.51
		Day 29	2020-07-24 15:25 (29)	0.467		0.37 - 0.51
		Day 57	2020-08-21 13:49 (29)	0.479		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-17 12:55 (-9)	151		125 - 170
		Day 29	2020-07-24 15:25 (29)	142	G1 Hemoglobin Decreased	125 - 170
		Day 57	2020-08-21 13:49 (29)	145	G1 Hemoglobin Decreased	125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-17 12:55 (-9)	<0.03		0 - 0.07
		Day 29	2020-07-24 15:25 (29)	<0.03		0 - 0.07
		Day 57	2020-08-21 13:49 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-17 12:55 (-9)	0.2		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011123	Immature Granulocytes/Leukocytes (%)	Day 29	2020-07-24 15:25 (29)	0.4		0 - 1
		Day 57	2020-08-21 13:49 (29)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-17 12:55 (-9)	4.99		3.7 - 11
		Day 29	2020-07-24 15:25 (29)	5.43		3.7 - 11
		Day 57	2020-08-21 13:49 (29)	5.12		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-17 12:55 (-9)	1.17		0.9 - 3.6
		Day 29	2020-07-24 15:25 (29)	1.35		0.9 - 3.6
		Day 57	2020-08-21 13:49 (29)	1.25		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-17 12:55 (-9)	23.4		12 - 46
		Day 29	2020-07-24 15:25 (29)	24.9		12 - 46
		Day 57	2020-08-21 13:49 (29)	24.4		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-17 12:55 (-9)	0.47		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011123	Monocytes (10^9/L)	Day 29	2020-07-24 15:25 (29)	0.37		0 - 1.2
		Day 57	2020-08-21 13:49 (29)	0.53		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-17 12:55 (-9)	9.4		0 - 11
		Day 29	2020-07-24 15:25 (29)	6.8		0 - 11
		Day 57	2020-08-21 13:49 (29)	10.4		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-17 12:55 (-9)	3.20		1.7 - 7.9
		Day 29	2020-07-24 15:25 (29)	3.50		1.7 - 7.9
		Day 57	2020-08-21 13:49 (29)	3.14		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-17 12:55 (-9)	64.2		34 - 71
		Day 29	2020-07-24 15:25 (29)	64.4		34 - 71
		Day 57	2020-08-21 13:49 (29)	61.3		34 - 71
	Platelets (10^9/L)	Screening	2020-06-17 12:55 (-9)	188		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011123	Platelets (10^9/L)	Day 29	2020-07-24 15:25 (29)	184		163 - 375
		Day 57	2020-08-21 13:49 (29)	208		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-17 12:55 (-9)	0.9		0.9 - 1.1
		Day 29	2020-07-24 15:25 (29)	1.1		0.9 - 1.1
		Day 57	2020-08-21 13:49 (29)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-17 12:55 (-9)	10.5		9.4 - 12.5
		Day 29	2020-07-24 15:25 (29)	12.2		9.4 - 12.5
		Day 57	2020-08-21 13:49 (29)	11.4		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-17 12:55 (-9)	3.93		1.78 - 7.14
		Day 29	2020-07-24 15:25 (29)	5.00		1.78 - 7.14
		Day 57	2020-08-21 13:49 (29)	4.64		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-17 12:55 (-9)	11.0		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011123	Urea Nitrogen/Creatinine	Day 29	2020-07-24 15:25 (29)	14.0		7.8 - 26.7
		Day 57	2020-08-21 13:49 (29)	14.4		7.8 - 26.7
US2011125	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-17 15:16 (-15)	30.6		25.1 - 36.5
		Day 29	2020-07-29 14:22 (28)	27.9		25.1 - 36.5
		Day 57	2020-08-28 08:18 (31)	31.1		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-17 15:16 (-15)	20		10 - 33
		Day 29	2020-07-29 14:22 (28)	19		10 - 33
		Day 57	2020-08-28 08:18 (31)	15		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-17 15:16 (-15)	91		30 - 115
		Day 29	2020-07-29 14:22 (28)	74		30 - 115
		Day 57	2020-08-28 08:18 (31)	77		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-17 15:16 (-15)	23		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011125	Aspartate Aminotransferase (U/L)	Day 29	2020-07-29 14:22 (28)	17		10 - 36
		Day 57	2020-08-28 08:18 (31)	18		10 - 36
	Basophils (10^9/L)	Screening	2020-06-17 15:16 (-15)	0.04		0 - 0.3
		Day 29	2020-07-29 14:22 (28)	0.03		0 - 0.3
		Day 57	2020-08-28 08:18 (31)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-17 15:16 (-15)	1.0		0 - 3
		Day 29	2020-07-29 14:22 (28)	0.7		0 - 3
		Day 57	2020-08-28 08:18 (31)	1.0		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-17 15:16 (-15)	7.2		- 18.8
		Day 29	2020-07-29 14:22 (28)	5.5		- 18.8
		Day 57	2020-08-28 08:18 (31)	7.7		- 18.8
	Creatinine (umol/L)	Screening	2020-06-17 15:16 (-15)	62		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011125	Creatinine (umol/L)	Day 29	2020-07-29 14:22 (28)	53 (L)		62 - 124
		Day 57	2020-08-28 08:18 (31)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-17 15:16 (-15)	<3.4		0 - 6.8
		Day 29	2020-07-29 14:22 (28)	<3.4		0 - 6.8
		Day 57	2020-08-28 08:18 (31)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-17 15:16 (-15)	0.07		0 - 0.8
		Day 29	2020-07-29 14:22 (28)	0.06		0 - 0.8
		Day 57	2020-08-28 08:18 (31)	0.07		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-17 15:16 (-15)	1.7		0 - 7
		Day 29	2020-07-29 14:22 (28)	1.4		0 - 7
		Day 57	2020-08-28 08:18 (31)	2.3		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-17 15:16 (-15)	4.12		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011125	Erythrocytes (10^12/L)	Day 29	2020-07-29 14:22 (28)	3.89		3.7 - 5.2
		Day 57	2020-08-28 08:18 (31)	3.93		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-17 15:16 (-15)	0.427		0.33 - 0.47
		Day 29	2020-07-29 14:22 (28)	0.403		0.33 - 0.47
		Day 57	2020-08-28 08:18 (31)	0.422		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-17 15:16 (-15)	129		110 - 155
		Day 29	2020-07-29 14:22 (28)	126	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-28 08:18 (31)	123	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-17 15:16 (-15)	<0.03		0 - 0.07
		Day 29	2020-07-29 14:22 (28)	<0.03		0 - 0.07
		Day 57	2020-08-28 08:18 (31)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-17 15:16 (-15)	0.2		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011125	Immature Granulocytes/Leukocytes (%)	Day 29	2020-07-29 14:22 (28)	0.2		0 - 1
		Day 57	2020-08-28 08:18 (31)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-17 15:16 (-15)	4.18		3.7 - 11
		Day 29	2020-07-29 14:22 (28)	4.17		3.7 - 11
		Day 57	2020-08-28 08:18 (31)	3.03 (L)	G1 WBC Decreased	3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-17 15:16 (-15)	1.03		0.9 - 3.6
		Day 29	2020-07-29 14:22 (28)	1.10		0.9 - 3.6
		Day 57	2020-08-28 08:18 (31)	1.12		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-17 15:16 (-15)	24.6		12 - 46
		Day 29	2020-07-29 14:22 (28)	26.4		12 - 46
		Day 57	2020-08-28 08:18 (31)	37.0		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-17 15:16 (-15)	0.32		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011125	Monocytes (10^9/L)	Day 29	2020-07-29 14:22 (28)	0.33		0 - 1.2
		Day 57	2020-08-28 08:18 (31)	0.23		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-17 15:16 (-15)	7.7		0 - 11
		Day 29	2020-07-29 14:22 (28)	7.9		0 - 11
		Day 57	2020-08-28 08:18 (31)	7.6		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-17 15:16 (-15)	2.71		1.7 - 7.9
		Day 29	2020-07-29 14:22 (28)	2.64		1.7 - 7.9
		Day 57	2020-08-28 08:18 (31)	1.57 (L)	G1 Neutrophils Decreased	1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-17 15:16 (-15)	64.8		34 - 71
		Day 29	2020-07-29 14:22 (28)	63.4		34 - 71
		Day 57	2020-08-28 08:18 (31)	51.8		34 - 71
	Platelets (10^9/L)	Screening	2020-06-17 15:16 (-15)	207		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011125	Platelets (10^9/L)	Day 29	2020-07-29 14:22 (28)	222		163 - 375
		Day 57	2020-08-28 08:18 (31)	199		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-17 15:16 (-15)	0.9		0.9 - 1.1
		Day 29	2020-07-29 14:22 (28)	1.0		0.9 - 1.1
		Day 57	2020-08-28 08:18 (31)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-17 15:16 (-15)	10.9		9.4 - 12.5
		Day 29	2020-07-29 14:22 (28)	12.1		9.4 - 12.5
		Day 57	2020-08-28 08:18 (31)	12.2		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-17 15:16 (-15)	6.07		1.78 - 7.14
		Day 29	2020-07-29 14:22 (28)	6.43		1.78 - 7.14
		Day 57	2020-08-28 08:18 (31)	6.78		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-17 15:16 (-15)	24.3		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011125	Urea Nitrogen/Creatinine	Day 29	2020-07-29 14:22 (28)	30.0 (H)		7.8 - 26.7
		Day 57	2020-08-28 08:18 (31)	31.7 (H)		7.8 - 26.7
US2011127	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-18 10:14 (-8)	29.0		25.1 - 36.5
		Day 29	2020-07-24 12:10 (29)	28.8		25.1 - 36.5
		Day 57	2020-08-21 14:16 (29)	30.7		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-18 10:14 (-8)	16		10 - 40
		Day 29	2020-07-24 12:10 (29)	14		10 - 40
		Day 57	2020-08-21 14:16 (29)	22		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-18 10:14 (-8)	76		43 - 115
		Day 29	2020-07-24 12:10 (29)	76		43 - 115
		Day 57	2020-08-21 14:16 (29)	70		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-18 10:14 (-8)	22		10 - 43

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011127	Aspartate Aminotransferase (U/L)	Day 29	2020-07-24 12:10 (29)	22		10 - 43
		Day 57	2020-08-21 14:16 (29)	21		10 - 43
	Basophils (10^9/L)	Screening	2020-06-18 10:14 (-8)	0.03		0 - 0.3
		Day 29	2020-07-24 12:10 (29)	0.03		0 - 0.3
		Day 57	2020-08-21 14:16 (29)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-18 10:14 (-8)	0.5		0 - 3
		Day 29	2020-07-24 12:10 (29)	0.7		0 - 3
		Day 57	2020-08-21 14:16 (29)	0.7		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-18 10:14 (-8)	5.8		- 18.8
		Day 29	2020-07-24 12:10 (29)	5.3		- 18.8
		Day 57	2020-08-21 14:16 (29)	7.4		- 18.8
	Creatinine (umol/L)	Screening	2020-06-18 10:14 (-8)	71		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011127	Creatinine (umol/L)	Day 29	2020-07-24 12:10 (29)	80		62 - 124
		Day 57	2020-08-21 14:16 (29)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-18 10:14 (-8)	<3.4		0 - 6.8
		Day 29	2020-07-24 12:10 (29)	<3.4		0 - 6.8
		Day 57	2020-08-21 14:16 (29)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-18 10:14 (-8)	0.31		0 - 0.8
		Day 29	2020-07-24 12:10 (29)	0.28		0 - 0.8
		Day 57	2020-08-21 14:16 (29)	0.31		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-18 10:14 (-8)	5.6		0 - 7
		Day 29	2020-07-24 12:10 (29)	6.4		0 - 7
		Day 57	2020-08-21 14:16 (29)	5.7		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-18 10:14 (-8)	4.22 (L)		4.63 - 6.08

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011127	Erythrocytes (10^12/L)	Day 29	2020-07-24 12:10 (29)	4.24 (L)		4.63 - 6.08
		Day 57	2020-08-21 14:16 (29)	4.13 (L)		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-18 10:14 (-8)	0.419		0.37 - 0.51
		Day 29	2020-07-24 12:10 (29)	0.425		0.37 - 0.51
		Day 57	2020-08-21 14:16 (29)	0.407		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-18 10:14 (-8)	133	G1 Hemoglobin Decreased	125 - 170
		Day 29	2020-07-24 12:10 (29)	132	G1 Hemoglobin Decreased	125 - 170
		Day 57	2020-08-21 14:16 (29)	129	G1 Hemoglobin Decreased	125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-18 10:14 (-8)	<0.03		0 - 0.07
		Day 29	2020-07-24 12:10 (29)	<0.03		0 - 0.07
		Day 57	2020-08-21 14:16 (29)	0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-18 10:14 (-8)	0.2		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011127	Immature Granulocytes/Leukocytes (%)	Day 29	2020-07-24 12:10 (29)	0.2		0 - 1
		Day 57	2020-08-21 14:16 (29)	0.6		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-18 10:14 (-8)	5.51		3.7 - 11
		Day 29	2020-07-24 12:10 (29)	4.37		3.7 - 11
		Day 57	2020-08-21 14:16 (29)	5.44		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-18 10:14 (-8)	1.73		0.9 - 3.6
		Day 29	2020-07-24 12:10 (29)	1.95		0.9 - 3.6
		Day 57	2020-08-21 14:16 (29)	1.91		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-18 10:14 (-8)	31.4		12 - 46
		Day 29	2020-07-24 12:10 (29)	44.6		12 - 46
		Day 57	2020-08-21 14:16 (29)	35.1		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-18 10:14 (-8)	0.50		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011127	Monocytes (10^9/L)	Day 29	2020-07-24 12:10 (29)	0.42		0 - 1.2
		Day 57	2020-08-21 14:16 (29)	0.45		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-18 10:14 (-8)	9.1		0 - 11
		Day 29	2020-07-24 12:10 (29)	9.6		0 - 11
		Day 57	2020-08-21 14:16 (29)	8.3		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-18 10:14 (-8)	2.93		1.7 - 7.9
		Day 29	2020-07-24 12:10 (29)	1.68 (L)	G1 Neutrophils Decreased	1.7 - 7.9
		Day 57	2020-08-21 14:16 (29)	2.70		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-18 10:14 (-8)	53.2		34 - 71
		Day 29	2020-07-24 12:10 (29)	38.5		34 - 71
		Day 57	2020-08-21 14:16 (29)	49.6		34 - 71
	Platelets (10^9/L)	Screening	2020-06-18 10:14 (-8)	224		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011127	Platelets (10^9/L)	Day 29	2020-07-24 12:10 (29)	202		163 - 375
		Day 57	2020-08-21 14:16 (29)	221		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-18 10:14 (-8)	0.9		0.9 - 1.1
		Day 29	2020-07-24 12:10 (29)	1.0		0.9 - 1.1
		Day 57	2020-08-21 14:16 (29)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-18 10:14 (-8)	10.8		9.4 - 12.5
		Day 29	2020-07-24 12:10 (29)	11.5		9.4 - 12.5
		Day 57	2020-08-21 14:16 (29)	12.4		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-18 10:14 (-8)	3.57		1.78 - 7.14
		Day 29	2020-07-24 12:10 (29)	2.86		1.78 - 7.14
		Day 57	2020-08-21 14:16 (29)	4.28		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-18 10:14 (-8)	12.5		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011127	Urea Nitrogen/Creatinine	Day 29	2020-07-24 12:10 (29)	8.9		7.8 - 26.7
		Day 57	2020-08-21 14:16 (29)	15.0		7.8 - 26.7
US2011137	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-22 08:13 (-4)	31.7		25.1 - 36.5
		Day 29	2020-07-24 07:50 (29)	30.9		25.1 - 36.5
		Day 57	2020-08-19 07:46 (27)	34.0		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-22 08:13 (-4)	11		10 - 33
		Day 29	2020-07-24 07:50 (29)	11		10 - 33
		Day 57	2020-08-19 07:46 (27)	13		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-22 08:13 (-4)	84		30 - 115
		Day 29	2020-07-24 07:50 (29)	83		30 - 115
		Day 57	2020-08-19 07:46 (27)	90		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-22 08:13 (-4)	15		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011137	Aspartate Aminotransferase (U/L)	Day 29	2020-07-24 07:50 (29)	15		10 - 36
		Day 57	2020-08-19 07:46 (27)	14		10 - 36
	Basophils (10^9/L)	Screening	2020-06-22 08:13 (-4)	0.04		0 - 0.3
		Day 29	2020-07-24 07:50 (29)	0.03		0 - 0.3
		Day 57	2020-08-19 07:46 (27)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-22 08:13 (-4)	0.8		0 - 3
		Day 29	2020-07-24 07:50 (29)	0.6		0 - 3
		Day 57	2020-08-19 07:46 (27)	0.5		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-22 08:13 (-4)	5.3		- 18.8
		Day 29	2020-07-24 07:50 (29)	8.2		- 18.8
		Day 57	2020-08-19 07:46 (27)	5.6		- 18.8
	Creatinine (umol/L)	Screening	2020-06-22 08:13 (-4)	53 (L)		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011137	Creatinine (umol/L)	Day 29	2020-07-24 07:50 (29)	44 (L)		62 - 124
		Day 57	2020-08-19 07:46 (27)	44 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-22 08:13 (-4)	<3.4		0 - 6.8
		Day 29	2020-07-24 07:50 (29)	<3.4		0 - 6.8
		Day 57	2020-08-19 07:46 (27)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-22 08:13 (-4)	0.13		0 - 0.8
		Day 29	2020-07-24 07:50 (29)	0.16		0 - 0.8
		Day 57	2020-08-19 07:46 (27)	0.15		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-22 08:13 (-4)	2.6		0 - 7
		Day 29	2020-07-24 07:50 (29)	3.1		0 - 7
		Day 57	2020-08-19 07:46 (27)	2.3		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-22 08:13 (-4)	4.21		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011137	Erythrocytes (10^12/L)	Day 29	2020-07-24 07:50 (29)	4.12		3.7 - 5.2
		Day 57	2020-08-19 07:46 (27)	4.06		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-22 08:13 (-4)	0.432		0.33 - 0.47
		Day 29	2020-07-24 07:50 (29)	0.426		0.33 - 0.47
		Day 57	2020-08-19 07:46 (27)	0.412		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-22 08:13 (-4)	129		110 - 155
		Day 29	2020-07-24 07:50 (29)	127	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-19 07:46 (27)	124	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-22 08:13 (-4)	<0.03		0 - 0.07
		Day 29	2020-07-24 07:50 (29)	<0.03		0 - 0.07
		Day 57	2020-08-19 07:46 (27)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-22 08:13 (-4)	0.0		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011137	Immature Granulocytes/Leukocytes (%)	Day 29	2020-07-24 07:50 (29)	0.0		0 - 1
		Day 57	2020-08-19 07:46 (27)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-22 08:13 (-4)	5.07		3.7 - 11
		Day 29	2020-07-24 07:50 (29)	5.12		3.7 - 11
		Day 57	2020-08-19 07:46 (27)	6.62		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-22 08:13 (-4)	2.03		0.9 - 3.6
		Day 29	2020-07-24 07:50 (29)	1.82		0.9 - 3.6
		Day 57	2020-08-19 07:46 (27)	3.03		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-22 08:13 (-4)	40.0		12 - 46
		Day 29	2020-07-24 07:50 (29)	35.5		12 - 46
		Day 57	2020-08-19 07:46 (27)	45.8		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-22 08:13 (-4)	0.51		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011137	Monocytes (10^9/L)	Day 29	2020-07-24 07:50 (29)	0.39		0 - 1.2
		Day 57	2020-08-19 07:46 (27)	0.50		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-22 08:13 (-4)	10.1		0 - 11
		Day 29	2020-07-24 07:50 (29)	7.6		0 - 11
		Day 57	2020-08-19 07:46 (27)	7.6		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-22 08:13 (-4)	2.36		1.7 - 7.9
		Day 29	2020-07-24 07:50 (29)	2.72		1.7 - 7.9
		Day 57	2020-08-19 07:46 (27)	2.90		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-22 08:13 (-4)	46.5		34 - 71
		Day 29	2020-07-24 07:50 (29)	53.2		34 - 71
		Day 57	2020-08-19 07:46 (27)	43.6		34 - 71
	Platelets (10^9/L)	Screening	2020-06-22 08:13 (-4)	272		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011137	Platelets (10^9/L)	Day 29	2020-07-24 07:50 (29)	273		163 - 375
		Day 57	2020-08-19 07:46 (27)	318		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-22 08:13 (-4)	0.9		0.9 - 1.1
		Day 29	2020-07-24 07:50 (29)	0.9		0.9 - 1.1
		Day 57	2020-08-19 07:46 (27)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-22 08:13 (-4)	10.7		9.4 - 12.5
		Day 29	2020-07-24 07:50 (29)	10.9		9.4 - 12.5
		Day 57	2020-08-19 07:46 (27)	11.8		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-22 08:13 (-4)	5.71		1.78 - 7.14
		Day 29	2020-07-24 07:50 (29)	4.28		1.78 - 7.14
		Day 57	2020-08-19 07:46 (27)	4.64		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-22 08:13 (-4)	26.7		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011137	Urea Nitrogen/Creatinine	Day 29	2020-07-24 07:50 (29)	24.0		7.8 - 26.7
		Day 57	2020-08-19 07:46 (27)	26.0		7.8 - 26.7
US2011138	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-22 11:02 (-5)	31.6		25.1 - 36.5
		Day 29	2020-07-27 09:11 (31)	29.2		25.1 - 36.5
		Day 57	2020-08-26 08:35 (31)	27.0		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-22 11:02 (-5)	18		10 - 33
		Day 29	2020-07-27 09:11 (31)	17		10 - 33
		Day 57	2020-08-26 08:35 (31)	23		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-22 11:02 (-5)	75		30 - 115
		Day 29	2020-07-27 09:11 (31)	68		30 - 115
		Day 57	2020-08-26 08:35 (31)	74		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-22 11:02 (-5)	32		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011138	Aspartate Aminotransferase (U/L)	Day 29	2020-07-27 09:11 (31)	33		10 - 36
		Day 57	2020-08-26 08:35 (31)	28		10 - 36
	Basophils (10^9/L)	Screening	2020-06-22 11:02 (-5)	0.08		0 - 0.3
		Day 29	2020-07-27 09:11 (31)	0.06		0 - 0.3
		Day 57	2020-08-26 08:35 (31)	0.07		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-22 11:02 (-5)	1.3		0 - 3
		Day 29	2020-07-27 09:11 (31)	1.1		0 - 3
		Day 57	2020-08-26 08:35 (31)	1.3		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-22 11:02 (-5)	14.4		- 18.8
		Day 29	2020-07-27 09:11 (31)	14.2		- 18.8
		Day 57	2020-08-26 08:35 (31)	14.5		- 18.8
	Creatinine (umol/L)	Screening	2020-06-22 11:02 (-5)	62		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011138	Creatinine (umol/L)	Day 29	2020-07-27 09:11 (31)	62		62 - 124
		Day 57	2020-08-26 08:35 (31)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-22 11:02 (-5)	<3.4		0 - 6.8
		Day 29	2020-07-27 09:11 (31)	<3.4		0 - 6.8
		Day 57	2020-08-26 08:35 (31)	3.6		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-22 11:02 (-5)	0.12		0 - 0.8
		Day 29	2020-07-27 09:11 (31)	0.14		0 - 0.8
		Day 57	2020-08-26 08:35 (31)	0.28		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-22 11:02 (-5)	2.0		0 - 7
		Day 29	2020-07-27 09:11 (31)	2.6		0 - 7
		Day 57	2020-08-26 08:35 (31)	5.1		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-22 11:02 (-5)	4.33		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011138	Erythrocytes (10^12/L)	Day 29	2020-07-27 09:11 (31)	4.19		3.7 - 5.2
		Day 57	2020-08-26 08:35 (31)	4.31		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-22 11:02 (-5)	0.440		0.33 - 0.47
		Day 29	2020-07-27 09:11 (31)	0.432		0.33 - 0.47
		Day 57	2020-08-26 08:35 (31)	0.451		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-22 11:02 (-5)	140		110 - 155
		Day 29	2020-07-27 09:11 (31)	134	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-26 08:35 (31)	138	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-22 11:02 (-5)	<0.03		0 - 0.07
		Day 29	2020-07-27 09:11 (31)	<0.03		0 - 0.07
		Day 57	2020-08-26 08:35 (31)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-22 11:02 (-5)	0.3		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011138	Immature Granulocytes/Leukocytes (%)	Day 29	2020-07-27 09:11 (31)	0.2		0 - 1
		Day 57	2020-08-26 08:35 (31)	0.4		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-22 11:02 (-5)	6.07		3.7 - 11
		Day 29	2020-07-27 09:11 (31)	5.37		3.7 - 11
		Day 57	2020-08-26 08:35 (31)	5.51		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-22 11:02 (-5)	1.44		0.9 - 3.6
		Day 29	2020-07-27 09:11 (31)	1.09		0.9 - 3.6
		Day 57	2020-08-26 08:35 (31)	1.14		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-22 11:02 (-5)	23.7		12 - 46
		Day 29	2020-07-27 09:11 (31)	20.3		12 - 46
		Day 57	2020-08-26 08:35 (31)	20.7		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-22 11:02 (-5)	0.63		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011138	Monocytes (10^9/L)	Day 29	2020-07-27 09:11 (31)	0.51		0 - 1.2
		Day 57	2020-08-26 08:35 (31)	0.52		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-22 11:02 (-5)	10.4		0 - 11
		Day 29	2020-07-27 09:11 (31)	9.5		0 - 11
		Day 57	2020-08-26 08:35 (31)	9.4		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-22 11:02 (-5)	3.78		1.7 - 7.9
		Day 29	2020-07-27 09:11 (31)	3.56		1.7 - 7.9
		Day 57	2020-08-26 08:35 (31)	3.48		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-22 11:02 (-5)	62.3		34 - 71
		Day 29	2020-07-27 09:11 (31)	66.3		34 - 71
		Day 57	2020-08-26 08:35 (31)	63.1		34 - 71
	Platelets (10^9/L)	Screening	2020-06-22 11:02 (-5)	232		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011138	Platelets (10^9/L)	Day 29	2020-07-27 09:11 (31)	237		163 - 375
		Day 57	2020-08-26 08:35 (31)	240		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-22 11:02 (-5)	0.9		0.9 - 1.1
		Day 29	2020-07-27 09:11 (31)	0.9		0.9 - 1.1
		Day 57	2020-08-26 08:35 (31)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-22 11:02 (-5)	10.7		9.4 - 12.5
		Day 29	2020-07-27 09:11 (31)	10.6		9.4 - 12.5
		Day 57	2020-08-26 08:35 (31)	11.3		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-22 11:02 (-5)	5.00		1.78 - 7.14
		Day 29	2020-07-27 09:11 (31)	5.00		1.78 - 7.14
		Day 57	2020-08-26 08:35 (31)	4.64		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-22 11:02 (-5)	20.0		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011138	Urea Nitrogen/Creatinine	Day 29	2020-07-27 09:11 (31)	20.0		7.8 - 26.7
		Day 57	2020-08-26 08:35 (31)	16.2		7.8 - 26.7
US2011153	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-25 12:48 (-4)	31.9		25.1 - 36.5
		Day 29	2020-07-27 13:17 (29)	32.1		25.1 - 36.5
		Day 57	2020-08-24 13:13 (29)	31.0		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-25 12:48 (-4)	15		10 - 33
		Day 29	2020-07-27 13:17 (29)	13		10 - 33
		Day 57	2020-08-24 13:13 (29)	17		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-25 12:48 (-4)	71		30 - 115
		Day 29	2020-07-27 13:17 (29)	78		30 - 115
		Day 57	2020-08-24 13:13 (29)	80		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-25 12:48 (-4)	19		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011153	Aspartate Aminotransferase (U/L)	Day 29	2020-07-27 13:17 (29)	21		10 - 36
		Day 57	2020-08-24 13:13 (29)	20		10 - 36
	Basophils (10^9/L)	Screening	2020-06-25 12:48 (-4)	0.04		0 - 0.3
		Day 29	2020-07-27 13:17 (29)	0.03		0 - 0.3
		Day 57	2020-08-24 13:13 (29)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-25 12:48 (-4)	0.7		0 - 3
		Day 29	2020-07-27 13:17 (29)	0.5		0 - 3
		Day 57	2020-08-24 13:13 (29)	0.7		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-25 12:48 (-4)	4.3		- 18.8
		Day 29	2020-07-27 13:17 (29)	5.1		- 18.8
		Day 57	2020-08-24 13:13 (29)	4.8		- 18.8
	Creatinine (umol/L)	Screening	2020-06-25 12:48 (-4)	62		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011153	Creatinine (umol/L)	Day 29	2020-07-27 13:17 (29)	71		62 - 124
		Day 57	2020-08-24 13:13 (29)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-25 12:48 (-4)	<3.4		0 - 6.8
		Day 29	2020-07-27 13:17 (29)	<3.4		0 - 6.8
		Day 57	2020-08-24 13:13 (29)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-25 12:48 (-4)	0.10		0 - 0.8
		Day 29	2020-07-27 13:17 (29)	0.10		0 - 0.8
		Day 57	2020-08-24 13:13 (29)	0.10		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-25 12:48 (-4)	1.8		0 - 7
		Day 29	2020-07-27 13:17 (29)	1.7		0 - 7
		Day 57	2020-08-24 13:13 (29)	1.7		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-25 12:48 (-4)	4.32		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011153	Erythrocytes (10^12/L)	Day 29	2020-07-27 13:17 (29)	4.21		3.7 - 5.2
		Day 57	2020-08-24 13:13 (29)	4.05		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-25 12:48 (-4)	0.415		0.33 - 0.47
		Day 29	2020-07-27 13:17 (29)	0.405		0.33 - 0.47
		Day 57	2020-08-24 13:13 (29)	0.392		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-25 12:48 (-4)	128		110 - 155
		Day 29	2020-07-27 13:17 (29)	128		110 - 155
		Day 57	2020-08-24 13:13 (29)	121	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-25 12:48 (-4)	<0.03		0 - 0.07
		Day 29	2020-07-27 13:17 (29)	<0.03		0 - 0.07
		Day 57	2020-08-24 13:13 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-25 12:48 (-4)	0.4		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011153	Immature Granulocytes/Leukocytes (%)	Day 29	2020-07-27 13:17 (29)	0.0		0 - 1
		Day 57	2020-08-24 13:13 (29)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-25 12:48 (-4)	5.60		3.7 - 11
		Day 29	2020-07-27 13:17 (29)	6.00		3.7 - 11
		Day 57	2020-08-24 13:13 (29)	5.95		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-25 12:48 (-4)	2.02		0.9 - 3.6
		Day 29	2020-07-27 13:17 (29)	1.89		0.9 - 3.6
		Day 57	2020-08-24 13:13 (29)	2.05		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-25 12:48 (-4)	36.1		12 - 46
		Day 29	2020-07-27 13:17 (29)	31.5		12 - 46
		Day 57	2020-08-24 13:13 (29)	34.5		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-25 12:48 (-4)	0.41		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011153	Monocytes (10^9/L)	Day 29	2020-07-27 13:17 (29)	0.37		0 - 1.2
		Day 57	2020-08-24 13:13 (29)	0.48		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-25 12:48 (-4)	7.3		0 - 11
		Day 29	2020-07-27 13:17 (29)	6.2		0 - 11
		Day 57	2020-08-24 13:13 (29)	8.1		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-25 12:48 (-4)	3.01		1.7 - 7.9
		Day 29	2020-07-27 13:17 (29)	3.61		1.7 - 7.9
		Day 57	2020-08-24 13:13 (29)	3.27		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-25 12:48 (-4)	53.7		34 - 71
		Day 29	2020-07-27 13:17 (29)	60.1		34 - 71
		Day 57	2020-08-24 13:13 (29)	54.8		34 - 71
	Platelets (10^9/L)	Screening	2020-06-25 12:48 (-4)	231		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011153	Platelets (10^9/L)	Day 29	2020-07-27 13:17 (29)	216		163 - 375
		Day 57	2020-08-24 13:13 (29)	218		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-25 12:48 (-4)	1.0		0.9 - 1.1
		Day 29	2020-07-27 13:17 (29)	1.1		0.9 - 1.1
		Day 57	2020-08-24 13:13 (29)	1.1		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-25 12:48 (-4)	11.9		9.4 - 12.5
		Day 29	2020-07-27 13:17 (29)	12.6 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
		Day 57	2020-08-24 13:13 (29)	13.0 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-25 12:48 (-4)	7.14		1.78 - 7.14
		Day 29	2020-07-27 13:17 (29)	5.71		1.78 - 7.14
		Day 57	2020-08-24 13:13 (29)	7.14		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-25 12:48 (-4)	28.6 (H)		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011153	Urea Nitrogen/Creatinine	Day 29	2020-07-27 13:17 (29)	20.0		7.8 - 26.7
		Day 57	2020-08-24 13:13 (29)	25.0		7.8 - 26.7
US2021004	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-26 09:52 (-3)	33.8		25.1 - 36.5
		Day 29	2020-06-26 08:57 (29)	35.4		25.1 - 36.5
		Day 57	2020-07-24 09:21 (29)	29.9		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-05-26 09:52 (-3)	17		10 - 33
		Day 29	2020-06-26 08:57 (29)	11		10 - 33
		Day 57	2020-07-24 09:21 (29)	18		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-26 09:52 (-3)	80		30 - 115
		Day 29	2020-06-26 08:57 (29)	87		30 - 115
		Day 57	2020-07-24 09:21 (29)	79		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-26 09:52 (-3)	24		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021004	Aspartate Aminotransferase (U/L)	Day 29	2020-06-26 08:57 (29)	23		10 - 36
		Day 57	2020-07-24 09:21 (29)	20		10 - 36
	Basophils (10^9/L)	Screening	2020-05-26 09:52 (-3)	0.08		0 - 0.3
		Day 29	2020-06-26 08:57 (29)	0.08		0 - 0.3
		Day 57	2020-07-24 09:21 (29)	0.06		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-26 09:52 (-3)	1.1		0 - 3
		Day 29	2020-06-26 08:57 (29)	1.1		0 - 3
		Day 57	2020-07-24 09:21 (29)	1.0		0 - 3
	Bilirubin (umol/L)	Screening	2020-05-26 09:52 (-3)	4.4		- 18.8
		Day 29	2020-06-26 08:57 (29)	<2.6		- 18.8
		Day 57	2020-07-24 09:21 (29)	<2.6		- 18.8
	Creatinine (umol/L)	Screening	2020-05-26 09:52 (-3)	53 (L)		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021004	Creatinine (umol/L)	Day 29	2020-06-26 08:57 (29)	53 (L)		62 - 124
		Day 57	2020-07-24 09:21 (29)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-26 09:52 (-3)	<3.4		0 - 6.8
		Day 29	2020-06-26 08:57 (29)	<3.4		0 - 6.8
		Day 57	2020-07-24 09:21 (29)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-05-26 09:52 (-3)	0.09		0 - 0.8
		Day 29	2020-06-26 08:57 (29)	0.09		0 - 0.8
		Day 57	2020-07-24 09:21 (29)	0.08		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-26 09:52 (-3)	1.3		0 - 7
		Day 29	2020-06-26 08:57 (29)	1.2		0 - 7
		Day 57	2020-07-24 09:21 (29)	1.3		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-26 09:52 (-3)	4.08		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021004	Erythrocytes (10^12/L)	Day 29	2020-06-26 08:57 (29)	3.82		3.7 - 5.2
		Day 57	2020-07-24 09:21 (29)	3.79		3.7 - 5.2
	Follicle Stimulating Hormone (IU/L)	Screening	2020-05-26 09:52 (-3)	66.6 (H)		1.7 - 21.5
	Hematocrit (L/L)	Screening	2020-05-26 09:52 (-3)	0.440		0.33 - 0.47
		Day 29	2020-06-26 08:57 (29)	0.422		0.33 - 0.47
		Day 57	2020-07-24 09:21 (29)	0.426		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-26 09:52 (-3)	134		110 - 155
		Day 29	2020-06-26 08:57 (29)	125	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-07-24 09:21 (29)	125	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-26 09:52 (-3)	<0.03		0 - 0.07
		Day 29	2020-06-26 08:57 (29)	<0.03		0 - 0.07
		Day 57	2020-07-24 09:21 (29)	0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021004	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-26 09:52 (-3)	0.1		0 - 1
		Day 29	2020-06-26 08:57 (29)	0.1		0 - 1
		Day 57	2020-07-24 09:21 (29)	0.5		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-26 09:52 (-3)	6.99		3.7 - 11
		Day 29	2020-06-26 08:57 (29)	7.35		3.7 - 11
		Day 57	2020-07-24 09:21 (29)	6.27		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-26 09:52 (-3)	2.27		0.9 - 3.6
		Day 29	2020-06-26 08:57 (29)	2.18		0.9 - 3.6
		Day 57	2020-07-24 09:21 (29)	1.89		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-26 09:52 (-3)	32.5		12 - 46
		Day 29	2020-06-26 08:57 (29)	29.7		12 - 46
		Day 57	2020-07-24 09:21 (29)	30.1		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021004	Monocytes (10^9/L)	Screening	2020-05-26 09:52 (-3)	0.39		0 - 1.2
		Day 29	2020-06-26 08:57 (29)	0.55		0 - 1.2
		Day 57	2020-07-24 09:21 (29)	0.41		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-26 09:52 (-3)	5.6		0 - 11
		Day 29	2020-06-26 08:57 (29)	7.5		0 - 11
		Day 57	2020-07-24 09:21 (29)	6.5		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-26 09:52 (-3)	4.15		1.7 - 7.9
		Day 29	2020-06-26 08:57 (29)	4.44		1.7 - 7.9
		Day 57	2020-07-24 09:21 (29)	3.80		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-26 09:52 (-3)	59.4		34 - 71
		Day 29	2020-06-26 08:57 (29)	60.4		34 - 71
		Day 57	2020-07-24 09:21 (29)	60.6		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021004	Platelets (10^9/L)	Screening	2020-05-26 09:52 (-3)	361		163 - 375
		Day 29	2020-06-26 08:57 (29)	334		163 - 375
		Day 57	2020-07-24 09:21 (29)	309		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-26 09:52 (-3)	1.0		0.9 - 1.1
		Day 29	2020-06-26 08:57 (29)	0.9		0.9 - 1.1
		Day 57	2020-07-24 09:21 (29)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-26 09:52 (-3)	11.3		9.4 - 12.5
		Day 29	2020-06-26 08:57 (29)	10.9		9.4 - 12.5
		Day 57	2020-07-24 09:21 (29)	10.6		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-05-26 09:52 (-3)	3.57		1.78 - 7.14
		Day 29	2020-06-26 08:57 (29)	6.78		1.78 - 7.14
		Day 57	2020-07-24 09:21 (29)	5.00		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021004	Urea Nitrogen/Creatinine	Screening	2020-05-26 09:52 (-3)	16.7		7.8 - 26.7
		Day 29	2020-06-26 08:57 (29)	31.7 (H)		7.8 - 26.7
		Day 57	2020-07-24 09:21 (29)	23.3		7.8 - 26.7
US2021012	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-26 11:57 (-6)	30.9		25.1 - 36.5
		Day 29	2020-06-29 09:43 (29)	35.2		25.1 - 36.5
		Day 57	2020-07-27 12:27 (29)	29.8		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-05-26 11:57 (-6)	13		10 - 33
		Day 29	2020-06-29 09:43 (29)	9 (L)		10 - 33
		Day 57	2020-07-27 12:27 (29)	15		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-26 11:57 (-6)	57		30 - 115
		Day 29	2020-06-29 09:43 (29)	52		30 - 115
		Day 57	2020-07-27 12:27 (29)	57		30 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021012	Aspartate Aminotransferase (U/L)	Screening	2020-05-26 11:57 (-6)	18		10 - 36
		Day 29	2020-06-29 09:43 (29)	19		10 - 36
		Day 57	2020-07-27 12:27 (29)	16		10 - 36
	Basophils (10^9/L)	Screening	2020-05-26 11:57 (-6)	0.04		0 - 0.3
		Day 29	2020-06-29 09:43 (29)	0.04		0 - 0.3
		Day 57	2020-07-27 12:27 (29)	0.05		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-26 11:57 (-6)	0.8		0 - 3
		Day 29	2020-06-29 09:43 (29)	0.8		0 - 3
		Day 57	2020-07-27 12:27 (29)	0.8		0 - 3
	Bilirubin (umol/L)	Screening	2020-05-26 11:57 (-6)	19.0 (H)		- 18.8
		Day 29	2020-06-29 09:43 (29)	11.5		- 18.8
		Day 57	2020-07-27 12:27 (29)	8.6		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021012	Creatinine (umol/L)	Screening	2020-05-26 11:57 (-6)	62		62 - 124
		Day 29	2020-06-29 09:43 (29)	53 (L)		62 - 124
		Day 57	2020-07-27 12:27 (29)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-26 11:57 (-6)	4.4		0 - 6.8
		Day 29	2020-06-29 09:43 (29)	<3.4		0 - 6.8
		Day 57	2020-07-27 12:27 (29)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-05-26 11:57 (-6)	0.27		0 - 0.8
		Day 29	2020-06-29 09:43 (29)	0.39		0 - 0.8
		Day 57	2020-07-27 12:27 (29)	0.36		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-26 11:57 (-6)	5.2		0 - 7
		Day 29	2020-06-29 09:43 (29)	7.6 (H)		0 - 7
		Day 57	2020-07-27 12:27 (29)	5.8		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021012	Erythrocytes (10^12/L)	Screening	2020-05-26 11:57 (-6)	4.63		3.7 - 5.2
		Day 29	2020-06-29 09:43 (29)	4.41		3.7 - 5.2
		Day 57	2020-07-27 12:27 (29)	4.55		3.7 - 5.2
	Follicle Stimulating Hormone (IU/L)	Screening	2020-05-26 11:57 (-6)	81.2 (H)		1.7 - 21.5
	Hematocrit (L/L)	Screening	2020-05-26 11:57 (-6)	0.446		0.33 - 0.47
		Day 29	2020-06-29 09:43 (29)	0.438		0.33 - 0.47
		Day 57	2020-07-27 12:27 (29)	0.471 (H)		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-26 11:57 (-6)	132		110 - 155
		Day 29	2020-06-29 09:43 (29)	128	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-07-27 12:27 (29)	131	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-26 11:57 (-6)	<0.03		0 - 0.07
		Day 29	2020-06-29 09:43 (29)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021012	Immature Granulocytes (10^9/L)	Day 57	2020-07-27 12:27 (29)	0.04		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-26 11:57 (-6)	0.2		0 - 1
		Day 29	2020-06-29 09:43 (29)	0.4		0 - 1
		Day 57	2020-07-27 12:27 (29)	0.6		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-26 11:57 (-6)	5.23		3.7 - 11
		Day 29	2020-06-29 09:43 (29)	5.11		3.7 - 11
		Day 57	2020-07-27 12:27 (29)	6.19		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-26 11:57 (-6)	1.34		0.9 - 3.6
		Day 29	2020-06-29 09:43 (29)	1.73		0.9 - 3.6
		Day 57	2020-07-27 12:27 (29)	2.02		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-26 11:57 (-6)	25.6		12 - 46
		Day 29	2020-06-29 09:43 (29)	33.9		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021012	Lymphocytes/Leukocytes (%)	Day 57	2020-07-27 12:27 (29)	32.6		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-26 11:57 (-6)	0.48		0 - 1.2
		Day 29	2020-06-29 09:43 (29)	0.44		0 - 1.2
		Day 57	2020-07-27 12:27 (29)	0.48		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-26 11:57 (-6)	9.2		0 - 11
		Day 29	2020-06-29 09:43 (29)	8.6		0 - 11
		Day 57	2020-07-27 12:27 (29)	7.8		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-26 11:57 (-6)	3.09		1.7 - 7.9
		Day 29	2020-06-29 09:43 (29)	2.49		1.7 - 7.9
		Day 57	2020-07-27 12:27 (29)	3.24		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-26 11:57 (-6)	59.0		34 - 71
		Day 29	2020-06-29 09:43 (29)	48.7		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021012	Neutrophils/Leukocytes (%)	Day 57	2020-07-27 12:27 (29)	52.4		34 - 71
	Platelets (10^9/L)	Screening	2020-05-26 11:57 (-6)	256		163 - 375
		Day 29	2020-06-29 09:43 (29)	267		163 - 375
		Day 57	2020-07-27 12:27 (29)	272		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-26 11:57 (-6)	1.0		0.9 - 1.1
		Day 29	2020-06-29 09:43 (29)	1.0		0.9 - 1.1
		Day 57	2020-07-27 12:27 (29)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-26 11:57 (-6)	11.5		9.4 - 12.5
		Day 29	2020-06-29 09:43 (29)	11.5		9.4 - 12.5
		Day 57	2020-07-27 12:27 (29)	11.6		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-05-26 11:57 (-6)	4.28		1.78 - 7.14
		Day 29	2020-06-29 09:43 (29)	4.64		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021012	Urea Nitrogen (mmol/L)	Day 57	2020-07-27 12:27 (29)	5.71		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-26 11:57 (-6)	17.1		7.8 - 26.7
		Day 29	2020-06-29 09:43 (29)	21.7		7.8 - 26.7
		Day 57	2020-07-27 12:27 (29)	26.7		7.8 - 26.7
US2021018	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-26 13:54 (-3)	36.0		25.1 - 36.5
		Day 29	2020-07-13 13:29 (46)	30.4		25.1 - 36.5
		Day 57	2020-08-11 14:10 (30)	28.1		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-05-26 13:54 (-3)	13		10 - 33
		Day 29	2020-07-13 13:29 (46)	13		10 - 33
		Day 57	2020-08-11 14:10 (30)	18		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-26 13:54 (-3)	67		30 - 115
		Day 29	2020-07-13 13:29 (46)	52		30 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021018	Alkaline Phosphatase (U/L)	Day 57	2020-08-11 14:10 (30)	58		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-26 13:54 (-3)	24		10 - 36
		Day 29	2020-07-13 13:29 (46)	15		10 - 36
		Day 57	2020-08-11 14:10 (30)	23		10 - 36
	Basophils (10^9/L)	Screening	2020-05-26 13:54 (-3)	0.05		0 - 0.3
		Day 29	2020-07-13 13:29 (46)	0.05		0 - 0.3
		Unscheduled	2020-07-22 09:27 (10)	0.05		0 - 0.3
		Day 57	2020-08-11 14:10 (30)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-26 13:54 (-3)	0.5		0 - 3
		Day 29	2020-07-13 13:29 (46)	0.7		0 - 3
		Unscheduled	2020-07-22 09:27 (10)	0.7		0 - 3
		Day 57	2020-08-11 14:10 (30)	0.4		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021018	Bilirubin (umol/L)	Screening	2020-05-26 13:54 (-3)	5.8		- 18.8
		Day 29	2020-07-13 13:29 (46)	5.3		- 18.8
		Day 57	2020-08-11 14:10 (30)	5.0		- 18.8
	Creatinine (umol/L)	Screening	2020-05-26 13:54 (-3)	53 (L)		62 - 124
		Day 29	2020-07-13 13:29 (46)	53 (L)		62 - 124
		Day 57	2020-08-11 14:10 (30)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-26 13:54 (-3)	<3.4		0 - 6.8
		Day 29	2020-07-13 13:29 (46)	<3.4		0 - 6.8
		Day 57	2020-08-11 14:10 (30)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-05-26 13:54 (-3)	0.12		0 - 0.8
		Day 29	2020-07-13 13:29 (46)	0.24		0 - 0.8
		Unscheduled	2020-07-22 09:27 (10)	0.23		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021018	Eosinophils (10^9/L)	Day 57	2020-08-11 14:10 (30)	0.04		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-26 13:54 (-3)	1.3		0 - 7
		Day 29	2020-07-13 13:29 (46)	3.2		0 - 7
		Unscheduled	2020-07-22 09:27 (10)	3.0		0 - 7
		Day 57	2020-08-11 14:10 (30)	0.5		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-26 13:54 (-3)	4.98		3.7 - 5.2
		Day 29	2020-07-13 13:29 (46)	4.34		3.7 - 5.2
		Unscheduled	2020-07-22 09:27 (10)	4.38		3.7 - 5.2
		Day 57	2020-08-11 14:10 (30)	4.38		3.7 - 5.2
	Follicle Stimulating Hormone (IU/L)	Screening	2020-05-26 13:54 (-3)	61.4 (H)		1.7 - 21.5
	Hematocrit (L/L)	Screening	2020-05-26 13:54 (-3)	0.514 (H)		0.33 - 0.47
		Day 29	2020-07-13 13:29 (46)	0.448		0.33 - 0.47

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021018	Hematocrit (L/L)	Unscheduled	2020-07-22 09:27 (10)	0.460		0.33 - 0.47
		Day 57	2020-08-11 14:10 (30)	0.452		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-26 13:54 (-3)	157 (H)		110 - 155
		Day 29	2020-07-13 13:29 (46)	136	G3 Hemoglobin Decreased	110 - 155
		Unscheduled	2020-07-22 09:27 (10)	139	G2 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-11 14:10 (30)	138	G2 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-26 13:54 (-3)	<0.03		0 - 0.07
		Day 29	2020-07-13 13:29 (46)	<0.03		0 - 0.07
		Unscheduled	2020-07-22 09:27 (10)	<0.03		0 - 0.07
		Day 57	2020-08-11 14:10 (30)	0.06		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-26 13:54 (-3)	0.2		0 - 1
		Day 29	2020-07-13 13:29 (46)	0.3		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021018	Immature Granulocytes/Leukocytes (%)	Unscheduled	2020-07-22 09:27 (10)	0.1		0 - 1
		Day 57	2020-08-11 14:10 (30)	0.7		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-26 13:54 (-3)	9.16		3.7 - 11
		Day 29	2020-07-13 13:29 (46)	7.44		3.7 - 11
		Unscheduled	2020-07-22 09:27 (10)	7.63		3.7 - 11
		Day 57	2020-08-11 14:10 (30)	8.04		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-26 13:54 (-3)	2.41		0.9 - 3.6
		Day 29	2020-07-13 13:29 (46)	2.07		0.9 - 3.6
		Unscheduled	2020-07-22 09:27 (10)	2.22		0.9 - 3.6
		Day 57	2020-08-11 14:10 (30)	1.12		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-26 13:54 (-3)	26.3		12 - 46
		Day 29	2020-07-13 13:29 (46)	27.8		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021018	Lymphocytes/Leukocytes (%)	Unscheduled	2020-07-22 09:27 (10)	29.1		12 - 46
		Day 57	2020-08-11 14:10 (30)	13.9		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-26 13:54 (-3)	0.58		0 - 1.2
		Day 29	2020-07-13 13:29 (46)	0.52		0 - 1.2
		Unscheduled	2020-07-22 09:27 (10)	0.53		0 - 1.2
		Day 57	2020-08-11 14:10 (30)	0.34		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-26 13:54 (-3)	6.3		0 - 11
		Day 29	2020-07-13 13:29 (46)	7.0		0 - 11
		Unscheduled	2020-07-22 09:27 (10)	6.9		0 - 11
		Day 57	2020-08-11 14:10 (30)	4.2		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-26 13:54 (-3)	5.98		1.7 - 7.9
		Day 29	2020-07-13 13:29 (46)	4.54		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021018	Neutrophils (10^9/L)	Unscheduled	2020-07-22 09:27 (10)	4.59		1.7 - 7.9
		Day 57	2020-08-11 14:10 (30)	6.45		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-26 13:54 (-3)	65.4		34 - 71
		Day 29	2020-07-13 13:29 (46)	61.0		34 - 71
		Unscheduled	2020-07-22 09:27 (10)	60.2		34 - 71
		Day 57	2020-08-11 14:10 (30)	80.3 (H)		34 - 71
	Platelets (10^9/L)	Screening	2020-05-26 13:54 (-3)	270		163 - 375
		Day 29	2020-07-13 13:29 (46)	263		163 - 375
		Unscheduled	2020-07-22 09:27 (10)	274		163 - 375
		Day 57	2020-08-11 14:10 (30)	275		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-26 13:54 (-3)	1.0		0.9 - 1.1
		Day 29	2020-07-13 13:29 (46)	1.0		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021018	Prothrombin Intl. Normalized Ratio	Day 57	2020-08-11 14:10 (30)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-26 13:54 (-3)	11.1		9.4 - 12.5
		Day 29	2020-07-13 13:29 (46)	11.2		9.4 - 12.5
		Day 57	2020-08-11 14:10 (30)	11.2		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-05-26 13:54 (-3)	3.21		1.78 - 7.14
		Day 29	2020-07-13 13:29 (46)	3.57		1.78 - 7.14
		Day 57	2020-08-11 14:10 (30)	3.93		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-26 13:54 (-3)	15.0		7.8 - 26.7
		Day 29	2020-07-13 13:29 (46)	16.7		7.8 - 26.7
		Day 57	2020-08-11 14:10 (30)	18.3		7.8 - 26.7
US2021019	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-26 15:10 (-3)	32.8		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021019	Activated Partial Thromboplastin Time (sec)	Day 29	2020-07-02 16:16 (35)	38.1 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
		Day 57	2020-07-31 11:20 (30)	29.5		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-05-26 15:10 (-3)	27		10 - 40
		Day 29	2020-07-02 16:16 (35)	17		10 - 40
		Day 57	2020-07-31 11:20 (30)	17		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-05-26 15:10 (-3)	73		43 - 115
		Day 29	2020-07-02 16:16 (35)	63		43 - 115
		Day 57	2020-07-31 11:20 (30)	72		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-26 15:10 (-3)	25		10 - 43
		Day 29	2020-07-02 16:16 (35)	14		10 - 43
		Day 57	2020-07-31 11:20 (30)	11		10 - 43

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021019	Basophils (10^9/L)	Screening	2020-05-26 15:10 (-3)	0.03		0 - 0.3
		Day 29	2020-07-02 16:16 (35)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-26 15:10 (-3)	0.4		0 - 3
		Day 29	2020-07-02 16:16 (35)	0.6		0 - 3
	Bilirubin (umol/L)	Screening	2020-05-26 15:10 (-3)	11.1		- 18.8
		Day 29	2020-07-02 16:16 (35)	7.4		- 18.8
		Day 57	2020-07-31 11:20 (30)	8.2		- 18.8
	Creatinine (umol/L)	Screening	2020-05-26 15:10 (-3)	71		62 - 124
		Day 29	2020-07-02 16:16 (35)	97		62 - 124
		Day 57	2020-07-31 11:20 (30)	80		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-26 15:10 (-3)	<3.4		0 - 6.8
		Day 29	2020-07-02 16:16 (35)	<3.4		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021019	Direct Bilirubin (umol/L)	Day 57	2020-07-31 11:20 (30)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-05-26 15:10 (-3)	0.27		0 - 0.8
		Day 29	2020-07-02 16:16 (35)	0.34		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-26 15:10 (-3)	3.5		0 - 7
		Day 29	2020-07-02 16:16 (35)	4.8		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-26 15:10 (-3)	5.61		4.63 - 6.08
		Day 29	2020-07-02 16:16 (35)	5.55		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-05-26 15:10 (-3)	0.534 (H)		0.37 - 0.51
		Day 29	2020-07-02 16:16 (35)	0.523 (H)		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-05-26 15:10 (-3)	173 (H)		125 - 170
		Day 29	2020-07-02 16:16 (35)	169	G1 Hemoglobin Decreased	125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-05-26 15:10 (-3)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021019	Immature Granulocytes (10^9/L)	Day 29	2020-07-02 16:16 (35)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-26 15:10 (-3)	0.3		0 - 1
		Day 29	2020-07-02 16:16 (35)	0.1		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-26 15:10 (-3)	7.63		3.7 - 11
		Day 29	2020-07-02 16:16 (35)	7.15		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-26 15:10 (-3)	1.95		0.9 - 3.6
		Day 29	2020-07-02 16:16 (35)	1.42		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-26 15:10 (-3)	25.6		12 - 46
		Day 29	2020-07-02 16:16 (35)	19.9		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-26 15:10 (-3)	0.63		0 - 1.2
		Day 29	2020-07-02 16:16 (35)	0.57		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-26 15:10 (-3)	8.3		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021019	Monocytes/Leukocytes (%)	Day 29	2020-07-02 16:16 (35)	8.0		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-26 15:10 (-3)	4.73		1.7 - 7.9
		Day 29	2020-07-02 16:16 (35)	4.77		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-26 15:10 (-3)	61.9		34 - 71
		Day 29	2020-07-02 16:16 (35)	66.6		34 - 71
	Platelets (10^9/L)	Screening	2020-05-26 15:10 (-3)	247		163 - 375
		Day 29	2020-07-02 16:16 (35)	285		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-26 15:10 (-3)	1.0		0.9 - 1.1
		Day 29	2020-07-02 16:16 (35)	1.1		0.9 - 1.1
		Day 57	2020-07-31 11:20 (30)	1.1		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-26 15:10 (-3)	11.6		9.4 - 12.5
		Day 29	2020-07-02 16:16 (35)	12.6 (H)	G1 Prothrombin Time Increased	9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021019	Prothrombin Time (sec)	Day 57	2020-07-31 11:20 (30)	12.9 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-05-26 15:10 (-3)	5.35		1.78 - 7.14
		Day 29	2020-07-02 16:16 (35)	5.71		1.78 - 7.14
		Day 57	2020-07-31 11:20 (30)	6.07		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-26 15:10 (-3)	18.8		7.8 - 26.7
		Day 29	2020-07-02 16:16 (35)	14.5		7.8 - 26.7
		Day 57	2020-07-31 11:20 (30)	18.9		7.8 - 26.7
US2021020	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-26 14:18 (-6)	34.0		25.1 - 36.5
		Day 29	2020-06-30 10:24 (30)	37.4 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
		Day 57	2020-07-29 12:20 (30)	31.3		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-05-26 14:18 (-6)	16		10 - 33

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021020	Alanine Aminotransferase (U/L)	Day 29	2020-06-30 10:24 (30)	16		10 - 33
		Day 57	2020-07-29 12:20 (30)	14		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-26 14:18 (-6)	87		30 - 115
		Day 29	2020-06-30 10:24 (30)	81		30 - 115
		Day 57	2020-07-29 12:20 (30)	75		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-26 14:18 (-6)	22		10 - 36
		Day 29	2020-06-30 10:24 (30)	21		10 - 36
		Day 57	2020-07-29 12:20 (30)	16		10 - 36
	Basophils (10^9/L)	Screening	2020-05-26 14:18 (-6)	<0.03		0 - 0.3
		Day 29	2020-06-30 10:24 (30)	0.03		0 - 0.3
		Day 57	2020-07-29 12:20 (30)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-26 14:18 (-6)	0.3		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021020	Basophils/Leukocytes (%)	Day 29	2020-06-30 10:24 (30)	0.5		0 - 3
		Day 57	2020-07-29 12:20 (30)	0.5		0 - 3
	Bilirubin (umol/L)	Screening	2020-05-26 14:18 (-6)	8.4		- 18.8
		Day 29	2020-06-30 10:24 (30)	13.0		- 18.8
		Day 57	2020-07-29 12:20 (30)	6.3		- 18.8
	Creatinine (umol/L)	Screening	2020-05-26 14:18 (-6)	44 (L)		62 - 124
		Day 29	2020-06-30 10:24 (30)	44 (L)		62 - 124
		Day 57	2020-07-29 12:20 (30)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-26 14:18 (-6)	<3.4		0 - 6.8
		Day 29	2020-06-30 10:24 (30)	<3.4		0 - 6.8
		Day 57	2020-07-29 12:20 (30)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-05-26 14:18 (-6)	0.07		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021020	Eosinophils (10^9/L)	Day 29	2020-06-30 10:24 (30)	0.06		0 - 0.8
		Day 57	2020-07-29 12:20 (30)	0.10		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-26 14:18 (-6)	0.9		0 - 7
		Day 29	2020-06-30 10:24 (30)	0.9		0 - 7
		Day 57	2020-07-29 12:20 (30)	1.3		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-26 14:18 (-6)	5.86 (H)		3.7 - 5.2
		Day 29	2020-06-30 10:24 (30)	5.76 (H)		3.7 - 5.2
		Day 57	2020-07-29 12:20 (30)	5.44 (H)		3.7 - 5.2
	Follicle Stimulating Hormone (IU/L)	Screening	2020-05-26 14:18 (-6)	35.6 (H)		1.7 - 21.5
	Hematocrit (L/L)	Screening	2020-05-26 14:18 (-6)	0.506 (H)		0.33 - 0.47
		Day 29	2020-06-30 10:24 (30)	0.506 (H)		0.33 - 0.47
		Day 57	2020-07-29 12:20 (30)	0.487 (H)		0.33 - 0.47

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021020	Hemoglobin (g/L)	Screening	2020-05-26 14:18 (-6)	150		110 - 155
		Day 29	2020-06-30 10:24 (30)	148	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-07-29 12:20 (30)	138	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-26 14:18 (-6)	<0.03		0 - 0.07
		Day 29	2020-06-30 10:24 (30)	<0.03		0 - 0.07
		Day 57	2020-07-29 12:20 (30)	0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-26 14:18 (-6)	0.3		0 - 1
		Day 29	2020-06-30 10:24 (30)	0.3		0 - 1
		Day 57	2020-07-29 12:20 (30)	0.4		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-26 14:18 (-6)	7.62		3.7 - 11
		Day 29	2020-06-30 10:24 (30)	6.39		3.7 - 11
		Day 57	2020-07-29 12:20 (30)	7.79		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021020	Lymphocytes (10^9/L)	Screening	2020-05-26 14:18 (-6)	1.90		0.9 - 3.6
		Day 29	2020-06-30 10:24 (30)	1.61		0.9 - 3.6
		Day 57	2020-07-29 12:20 (30)	2.08		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-26 14:18 (-6)	24.9		12 - 46
		Day 29	2020-06-30 10:24 (30)	25.2		12 - 46
		Day 57	2020-07-29 12:20 (30)	26.7		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-26 14:18 (-6)	0.52		0 - 1.2
		Day 29	2020-06-30 10:24 (30)	0.50		0 - 1.2
		Day 57	2020-07-29 12:20 (30)	0.63		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-26 14:18 (-6)	6.8		0 - 11
		Day 29	2020-06-30 10:24 (30)	7.8		0 - 11
		Day 57	2020-07-29 12:20 (30)	8.1		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021020	Neutrophils (10^9/L)	Screening	2020-05-26 14:18 (-6)	5.09		1.7 - 7.9
		Day 29	2020-06-30 10:24 (30)	4.17		1.7 - 7.9
		Day 57	2020-07-29 12:20 (30)	4.91		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-26 14:18 (-6)	66.8		34 - 71
		Day 29	2020-06-30 10:24 (30)	65.3		34 - 71
		Day 57	2020-07-29 12:20 (30)	63.0		34 - 71
	Platelets (10^9/L)	Screening	2020-05-26 14:18 (-6)	377 (H)		163 - 375
		Day 29	2020-06-30 10:24 (30)	349		163 - 375
		Day 57	2020-07-29 12:20 (30)	341		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-26 14:18 (-6)	1.0		0.9 - 1.1
		Day 29	2020-06-30 10:24 (30)	1.0		0.9 - 1.1
		Day 57	2020-07-29 12:20 (30)	1.0		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021020	Prothrombin Time (sec)	Screening	2020-05-26 14:18 (-6)	11.9		9.4 - 12.5
		Day 29	2020-06-30 10:24 (30)	11.9		9.4 - 12.5
		Day 57	2020-07-29 12:20 (30)	12.4		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-05-26 14:18 (-6)	4.64		1.78 - 7.14
		Day 29	2020-06-30 10:24 (30)	6.43		1.78 - 7.14
		Day 57	2020-07-29 12:20 (30)	5.71		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-26 14:18 (-6)	26.0		7.8 - 26.7
		Day 29	2020-06-30 10:24 (30)	36.0 (H)		7.8 - 26.7
		Day 57	2020-07-29 12:20 (30)	26.7		7.8 - 26.7
US2021045	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-27 10:46 (-5)	34.6		25.1 - 36.5
		Day 29	2020-06-29 14:46 (29)	39.3 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021045	Activated Partial Thromboplastin Time (sec)	Day 57	2020-08-03 14:45 (36)	28.3		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-05-27 10:46 (-5)	14		10 - 33
		Day 29	2020-06-29 14:46 (29)	10		10 - 33
		Day 57	2020-08-03 14:45 (36)	7 (L)		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-27 10:46 (-5)	52		30 - 115
		Day 29	2020-06-29 14:46 (29)	55		30 - 115
		Day 57	2020-08-03 14:45 (36)	47		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-27 10:46 (-5)	33		10 - 36
		Day 29	2020-06-29 14:46 (29)	22		10 - 36
		Day 57	2020-08-03 14:45 (36)	24		10 - 36
	Basophils (10^9/L)	Screening	2020-05-27 10:46 (-5)	0.03		0 - 0.3
		Day 29	2020-06-29 14:46 (29)	<0.03		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021045	Basophils (10^9/L)	Day 57	2020-08-03 14:45 (36)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-27 10:46 (-5)	0.5		0 - 3
		Day 29	2020-06-29 14:46 (29)	0.2		0 - 3
		Day 57	2020-08-03 14:45 (36)	0.4		0 - 3
	Bilirubin (umol/L)	Screening	2020-05-27 10:46 (-5)	<2.6		- 18.8
		Day 29	2020-06-29 14:46 (29)	3.9		- 18.8
		Day 57	2020-08-03 14:45 (36)	<2.6		- 18.8
	Creatinine (umol/L)	Screening	2020-05-27 10:46 (-5)	53 (L)		62 - 124
		Day 29	2020-06-29 14:46 (29)	71		62 - 124
		Day 57	2020-08-03 14:45 (36)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-27 10:46 (-5)	<3.4		0 - 6.8
		Day 29	2020-06-29 14:46 (29)	<3.4		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021045	Direct Bilirubin (umol/L)	Day 57	2020-08-03 14:45 (36)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-05-27 10:46 (-5)	0.16		0 - 0.8
		Day 29	2020-06-29 14:46 (29)	0.18		0 - 0.8
		Day 57	2020-08-03 14:45 (36)	0.19		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-27 10:46 (-5)	2.9		0 - 7
		Day 29	2020-06-29 14:46 (29)	2.2		0 - 7
		Day 57	2020-08-03 14:45 (36)	2.7		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-27 10:46 (-5)	4.56		3.7 - 5.2
		Day 29	2020-06-29 14:46 (29)	4.02		3.7 - 5.2
		Day 57	2020-08-03 14:45 (36)	3.97		3.7 - 5.2
	Follicle Stimulating Hormone (IU/L)	Screening	2020-05-27 10:46 (-5)	46.7 (H)		1.7 - 21.5
	Hematocrit (L/L)	Screening	2020-05-27 10:46 (-5)	0.477 (H)		0.33 - 0.47

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021045	Hematocrit (L/L)	Day 29	2020-06-29 14:46 (29)	0.415		0.33 - 0.47
		Day 57	2020-08-03 14:45 (36)	0.402		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-27 10:46 (-5)	149		110 - 155
		Day 29	2020-06-29 14:46 (29)	130	G2 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-03 14:45 (36)	126	G3 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-27 10:46 (-5)	<0.03		0 - 0.07
		Day 29	2020-06-29 14:46 (29)	0.03		0 - 0.07
		Day 57	2020-08-03 14:45 (36)	0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-27 10:46 (-5)	0.4		0 - 1
		Day 29	2020-06-29 14:46 (29)	0.4		0 - 1
		Day 57	2020-08-03 14:45 (36)	0.4		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-27 10:46 (-5)	5.48		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021045	Leukocytes (10^9/L)	Day 29	2020-06-29 14:46 (29)	8.06		3.7 - 11
		Day 57	2020-08-03 14:45 (36)	7.04		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-27 10:46 (-5)	1.37		0.9 - 3.6
		Day 29	2020-06-29 14:46 (29)	1.51		0.9 - 3.6
		Day 57	2020-08-03 14:45 (36)	1.84		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-27 10:46 (-5)	25.0		12 - 46
		Day 29	2020-06-29 14:46 (29)	18.7		12 - 46
		Day 57	2020-08-03 14:45 (36)	26.1		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-27 10:46 (-5)	0.34		0 - 1.2
		Day 29	2020-06-29 14:46 (29)	0.40		0 - 1.2
		Day 57	2020-08-03 14:45 (36)	0.51		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-27 10:46 (-5)	6.2		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021045	Monocytes/Leukocytes (%)	Day 29	2020-06-29 14:46 (29)	5.0		0 - 11
		Day 57	2020-08-03 14:45 (36)	7.2		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-27 10:46 (-5)	3.56		1.7 - 7.9
		Day 29	2020-06-29 14:46 (29)	5.92		1.7 - 7.9
		Day 57	2020-08-03 14:45 (36)	4.44		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-27 10:46 (-5)	65.0		34 - 71
		Day 29	2020-06-29 14:46 (29)	73.5 (H)		34 - 71
		Day 57	2020-08-03 14:45 (36)	63.2		34 - 71
	Platelets (10^9/L)	Screening	2020-05-27 10:46 (-5)	247		163 - 375
		Day 29	2020-06-29 14:46 (29)	265		163 - 375
		Day 57	2020-08-03 14:45 (36)	246		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-27 10:46 (-5)	0.9		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021045	Prothrombin Intl. Normalized Ratio	Day 29	2020-06-29 14:46 (29)	1.0		0.9 - 1.1
		Day 57	2020-08-03 14:45 (36)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-27 10:46 (-5)	10.6		9.4 - 12.5
		Day 29	2020-06-29 14:46 (29)	11.6		9.4 - 12.5
		Day 57	2020-08-03 14:45 (36)	10.8		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-05-27 10:46 (-5)	5.35		1.78 - 7.14
		Day 29	2020-06-29 14:46 (29)	10.71 (H)	G2 Blood Urea Nitrogen Increased	1.78 - 7.14
		Day 57	2020-08-03 14:45 (36)	6.43		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-27 10:46 (-5)	25.0		7.8 - 26.7
		Day 29	2020-06-29 14:46 (29)	37.5 (H)		7.8 - 26.7
		Day 57	2020-08-03 14:45 (36)	25.7		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021047	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-27 15:38 (-5)	32.6		25.1 - 36.5
		Day 29	2020-06-29 13:47 (29)	33.0		25.1 - 36.5
		Day 57	2020-07-24 13:45 (26)	27.3		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-05-27 15:38 (-5)	17		10 - 33
		Day 29	2020-06-29 13:47 (29)	18		10 - 33
		Day 57	2020-07-24 13:45 (26)	17		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-27 15:38 (-5)	45		30 - 115
		Day 29	2020-06-29 13:47 (29)	43		30 - 115
		Day 57	2020-07-24 13:45 (26)	44		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-27 15:38 (-5)	20		10 - 36
		Day 29	2020-06-29 13:47 (29)	21		10 - 36
		Day 57	2020-07-24 13:45 (26)	16		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021047	Basophils (10^9/L)	Screening	2020-05-27 15:38 (-5)	0.03		0 - 0.3
		Day 29	2020-06-29 13:47 (29)	0.04		0 - 0.3
		Day 57	2020-07-24 13:45 (26)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-27 15:38 (-5)	0.5		0 - 3
		Day 29	2020-06-29 13:47 (29)	0.6		0 - 3
		Day 57	2020-07-24 13:45 (26)	0.5		0 - 3
	Bilirubin (umol/L)	Screening	2020-05-27 15:38 (-5)	6.2		- 18.8
		Day 29	2020-06-29 13:47 (29)	7.5		- 18.8
		Day 57	2020-07-24 13:45 (26)	7.9		- 18.8
	Creatinine (umol/L)	Screening	2020-05-27 15:38 (-5)	71		62 - 124
		Day 29	2020-06-29 13:47 (29)	71		62 - 124
		Day 57	2020-07-24 13:45 (26)	80		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021047	Direct Bilirubin (umol/L)	Screening	2020-05-27 15:38 (-5)	<3.4		0 - 6.8
		Day 29	2020-06-29 13:47 (29)	<3.4		0 - 6.8
		Day 57	2020-07-24 13:45 (26)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-05-27 15:38 (-5)	0.05		0 - 0.8
		Day 29	2020-06-29 13:47 (29)	0.06		0 - 0.8
		Day 57	2020-07-24 13:45 (26)	0.06		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-27 15:38 (-5)	0.9		0 - 7
		Day 29	2020-06-29 13:47 (29)	0.8		0 - 7
		Day 57	2020-07-24 13:45 (26)	1.0		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-27 15:38 (-5)	4.26		3.7 - 5.2
		Day 29	2020-06-29 13:47 (29)	4.18		3.7 - 5.2
		Day 57	2020-07-24 13:45 (26)	4.07		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021047	Follicle Stimulating Hormone (IU/L)	Screening	2020-05-27 15:38 (-5)	124.8 (H)		1.7 - 21.5
	Hematocrit (L/L)	Screening	2020-05-27 15:38 (-5)	0.439		0.33 - 0.47
		Day 29	2020-06-29 13:47 (29)	0.440		0.33 - 0.47
		Day 57	2020-07-24 13:45 (26)	0.425		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-27 15:38 (-5)	138		110 - 155
		Day 29	2020-06-29 13:47 (29)	138		110 - 155
		Day 57	2020-07-24 13:45 (26)	132	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-27 15:38 (-5)	<0.03		0 - 0.07
		Day 29	2020-06-29 13:47 (29)	<0.03		0 - 0.07
		Day 57	2020-07-24 13:45 (26)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-27 15:38 (-5)	0.0		0 - 1
		Day 29	2020-06-29 13:47 (29)	0.1		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021047	Immature Granulocytes/Leukocytes (%)	Day 57	2020-07-24 13:45 (26)	0.0		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-27 15:38 (-5)	5.51		3.7 - 11
		Day 29	2020-06-29 13:47 (29)	7.24		3.7 - 11
		Day 57	2020-07-24 13:45 (26)	5.80		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-27 15:38 (-5)	2.27		0.9 - 3.6
		Day 29	2020-06-29 13:47 (29)	2.76		0.9 - 3.6
		Day 57	2020-07-24 13:45 (26)	2.29		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-27 15:38 (-5)	41.2		12 - 46
		Day 29	2020-06-29 13:47 (29)	38.1		12 - 46
		Day 57	2020-07-24 13:45 (26)	39.5		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-27 15:38 (-5)	0.33		0 - 1.2
		Day 29	2020-06-29 13:47 (29)	0.43		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021047	Monocytes (10^9/L)	Day 57	2020-07-24 13:45 (26)	0.35		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-27 15:38 (-5)	6.0		0 - 11
		Day 29	2020-06-29 13:47 (29)	5.9		0 - 11
		Day 57	2020-07-24 13:45 (26)	6.0		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-27 15:38 (-5)	2.83		1.7 - 7.9
		Day 29	2020-06-29 13:47 (29)	3.94		1.7 - 7.9
		Day 57	2020-07-24 13:45 (26)	3.07		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-27 15:38 (-5)	51.4		34 - 71
		Day 29	2020-06-29 13:47 (29)	54.5		34 - 71
		Day 57	2020-07-24 13:45 (26)	53.0		34 - 71
	Platelets (10^9/L)	Screening	2020-05-27 15:38 (-5)	216		163 - 375
		Day 29	2020-06-29 13:47 (29)	223		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021047	Platelets (10^9/L)	Day 57	2020-07-24 13:45 (26)	203		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-27 15:38 (-5)	1.0		0.9 - 1.1
		Day 29	2020-06-29 13:47 (29)	1.0		0.9 - 1.1
		Day 57	2020-07-24 13:45 (26)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-27 15:38 (-5)	11.2		9.4 - 12.5
		Day 29	2020-06-29 13:47 (29)	11.4		9.4 - 12.5
		Day 57	2020-07-24 13:45 (26)	11.0		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-05-27 15:38 (-5)	6.07		1.78 - 7.14
		Day 29	2020-06-29 13:47 (29)	9.64 (H)	G2 Blood Urea Nitrogen Increased	1.78 - 7.14
		Day 57	2020-07-24 13:45 (26)	7.85 (H)		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-27 15:38 (-5)	21.2		7.8 - 26.7
		Day 29	2020-06-29 13:47 (29)	33.8 (H)		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021047	Urea Nitrogen/Creatinine	Day 57	2020-07-24 13:45 (26)	24.4		7.8 - 26.7
US2021133	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-01 11:53 (-25)	36.1		25.1 - 36.5
		Day 29	2020-07-29 12:23 (34)	25.8		25.1 - 36.5
		Day 57	2020-08-27 12:21 (30)	24.7 (L)		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-01 11:53 (-25)	16		10 - 40
		Day 29	2020-07-29 12:23 (34)	15		10 - 40
		Day 57	2020-08-27 12:21 (30)	14		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-01 11:53 (-25)	45		43 - 115
		Day 29	2020-07-29 12:23 (34)	43		43 - 115
		Day 57	2020-08-27 12:21 (30)	42 (L)		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-01 11:53 (-25)	21		10 - 43
		Day 29	2020-07-29 12:23 (34)	15		10 - 43

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021133	Aspartate Aminotransferase (U/L)	Day 57	2020-08-27 12:21 (30)	16		10 - 43
	Basophils (10^9/L)	Screening	2020-06-01 11:53 (-25)	0.04		0 - 0.3
		Day 29	2020-07-29 12:23 (34)	0.03		0 - 0.3
		Day 57	2020-08-27 12:21 (30)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-01 11:53 (-25)	0.7		0 - 3
		Day 29	2020-07-29 12:23 (34)	0.5		0 - 3
		Day 57	2020-08-27 12:21 (30)	0.6		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-01 11:53 (-25)	5.3		- 18.8
		Day 29	2020-07-29 12:23 (34)	6.2		- 18.8
		Day 57	2020-08-27 12:21 (30)	5.1		- 18.8
	Creatinine (umol/L)	Screening	2020-06-01 11:53 (-25)	97		62 - 124
		Day 29	2020-07-29 12:23 (34)	106		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021133	Creatinine (umol/L)	Day 57	2020-08-27 12:21 (30)	106		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-01 11:53 (-25)	<3.4		0 - 6.8
		Day 29	2020-07-29 12:23 (34)	<3.4		0 - 6.8
		Day 57	2020-08-27 12:21 (30)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-01 11:53 (-25)	0.19		0 - 0.8
		Day 29	2020-07-29 12:23 (34)	0.17		0 - 0.8
		Day 57	2020-08-27 12:21 (30)	0.16		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-01 11:53 (-25)	3.4		0 - 7
		Day 29	2020-07-29 12:23 (34)	3.0		0 - 7
		Day 57	2020-08-27 12:21 (30)	3.1		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-01 11:53 (-25)	4.27 (L)		4.63 - 6.08
		Day 29	2020-07-29 12:23 (34)	4.24 (L)		4.63 - 6.08

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021133	Erythrocytes (10^12/L)	Day 57	2020-08-27 12:21 (30)	4.36 (L)		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-01 11:53 (-25)	0.441		0.37 - 0.51
		Day 29	2020-07-29 12:23 (34)	0.463		0.37 - 0.51
		Day 57	2020-08-27 12:21 (30)	0.496		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-01 11:53 (-25)	136		125 - 170
		Day 29	2020-07-29 12:23 (34)	136		125 - 170
		Day 57	2020-08-27 12:21 (30)	141		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-01 11:53 (-25)	<0.03		0 - 0.07
		Day 29	2020-07-29 12:23 (34)	0.03		0 - 0.07
		Day 57	2020-08-27 12:21 (30)	0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-01 11:53 (-25)	0.2		0 - 1
		Day 29	2020-07-29 12:23 (34)	0.5		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021133	Immature Granulocytes/Leukocytes (%)	Day 57	2020-08-27 12:21 (30)	0.6		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-01 11:53 (-25)	5.65		3.7 - 11
		Day 29	2020-07-29 12:23 (34)	5.65		3.7 - 11
		Day 57	2020-08-27 12:21 (30)	5.11		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-01 11:53 (-25)	1.31		0.9 - 3.6
		Day 29	2020-07-29 12:23 (34)	1.50		0.9 - 3.6
		Day 57	2020-08-27 12:21 (30)	1.42		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-01 11:53 (-25)	23.2		12 - 46
		Day 29	2020-07-29 12:23 (34)	26.5		12 - 46
		Day 57	2020-08-27 12:21 (30)	27.8		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-01 11:53 (-25)	0.46		0 - 1.2
		Day 29	2020-07-29 12:23 (34)	0.60		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021133	Monocytes (10^9/L)	Day 57	2020-08-27 12:21 (30)	0.53		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-01 11:53 (-25)	8.1		0 - 11
		Day 29	2020-07-29 12:23 (34)	10.6		0 - 11
		Day 57	2020-08-27 12:21 (30)	10.4		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-01 11:53 (-25)	3.64		1.7 - 7.9
		Day 29	2020-07-29 12:23 (34)	3.32		1.7 - 7.9
		Day 57	2020-08-27 12:21 (30)	2.94		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-01 11:53 (-25)	64.4		34 - 71
		Day 29	2020-07-29 12:23 (34)	58.9		34 - 71
		Day 57	2020-08-27 12:21 (30)	57.5		34 - 71
	Platelets (10^9/L)	Screening	2020-06-01 11:53 (-25)	219		163 - 375
		Day 29	2020-07-29 12:23 (34)	246		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021133	Platelets (10^9/L)	Day 57	2020-08-27 12:21 (30)	219		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-01 11:53 (-25)	1.0		0.9 - 1.1
		Day 29	2020-07-29 12:23 (34)	0.9		0.9 - 1.1
		Day 57	2020-08-27 12:21 (30)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-01 11:53 (-25)	11.8		9.4 - 12.5
		Day 29	2020-07-29 12:23 (34)	11.0		9.4 - 12.5
		Day 57	2020-08-27 12:21 (30)	11.2		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-01 11:53 (-25)	6.78		1.78 - 7.14
		Day 29	2020-07-29 12:23 (34)	8.21 (H)	G1 Blood Urea Nitrogen Increased	1.78 - 7.14
		Day 57	2020-08-27 12:21 (30)	9.28 (H)	G1 Blood Urea Nitrogen Increased	1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-01 11:53 (-25)	17.3		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021133	Urea Nitrogen/Creatinine	Day 29	2020-07-29 12:23 (34)	19.2		7.8 - 26.7
		Day 57	2020-08-27 12:21 (30)	21.7		7.8 - 26.7
US2021190	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-11 13:24 (-15)	36.4		25.1 - 36.5
		Day 29	2020-07-29 14:29 (34)	29.4		25.1 - 36.5
		Day 57	2020-08-25 14:28 (28)	32.8		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-11 13:24 (-15)	29		10 - 33
		Day 29	2020-07-29 14:29 (34)	24		10 - 33
		Day 57	2020-08-25 14:28 (28)	16		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-11 13:24 (-15)	76		30 - 115
		Day 29	2020-07-29 14:29 (34)	73		30 - 115
		Day 57	2020-08-25 14:28 (28)	71		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-11 13:24 (-15)	32		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021190	Aspartate Aminotransferase (U/L)	Day 29	2020-07-29 14:29 (34)	31		10 - 36
		Day 57	2020-08-25 14:28 (28)	20		10 - 36
	Basophils (10^9/L)	Screening	2020-06-11 13:24 (-15)	0.05		0 - 0.3
		Day 29	2020-07-29 14:29 (34)	0.05		0 - 0.3
		Day 57	2020-08-25 14:28 (28)	0.07		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-11 13:24 (-15)	0.9		0 - 3
		Day 29	2020-07-29 14:29 (34)	0.9		0 - 3
		Day 57	2020-08-25 14:28 (28)	1.3		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-11 13:24 (-15)	11.6		- 18.8
		Day 29	2020-07-29 14:29 (34)	8.9		- 18.8
		Day 57	2020-08-25 14:28 (28)	8.0		- 18.8
	Creatinine (umol/L)	Screening	2020-06-11 13:24 (-15)	62		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021190	Creatinine (umol/L)	Day 29	2020-07-29 14:29 (34)	62		62 - 124
		Day 57	2020-08-25 14:28 (28)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-11 13:24 (-15)	3.6		0 - 6.8
		Day 29	2020-07-29 14:29 (34)	<3.4		0 - 6.8
		Day 57	2020-08-25 14:28 (28)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-11 13:24 (-15)	0.23		0 - 0.8
		Day 29	2020-07-29 14:29 (34)	0.22		0 - 0.8
		Day 57	2020-08-25 14:28 (28)	0.21		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-11 13:24 (-15)	4.0		0 - 7
		Day 29	2020-07-29 14:29 (34)	4.0		0 - 7
		Day 57	2020-08-25 14:28 (28)	4.0		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-11 13:24 (-15)	4.28		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021190	Erythrocytes (10^12/L)	Day 29	2020-07-29 14:29 (34)	4.44		3.7 - 5.2
		Day 57	2020-08-25 14:28 (28)	4.48		3.7 - 5.2
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-11 13:24 (-15)	57.4 (H)		1.7 - 21.5
	Hematocrit (L/L)	Screening	2020-06-11 13:24 (-15)	0.427		0.33 - 0.47
		Day 29	2020-07-29 14:29 (34)	0.453		0.33 - 0.47
		Day 57	2020-08-25 14:28 (28)	0.478 (H)		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-11 13:24 (-15)	130		110 - 155
		Day 29	2020-07-29 14:29 (34)	136		110 - 155
		Day 57	2020-08-25 14:28 (28)	137		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-11 13:24 (-15)	<0.03		0 - 0.07
		Day 29	2020-07-29 14:29 (34)	<0.03		0 - 0.07
		Day 57	2020-08-25 14:28 (28)	0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021190	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-11 13:24 (-15)	0.2		0 - 1
		Day 29	2020-07-29 14:29 (34)	0.2		0 - 1
		Day 57	2020-08-25 14:28 (28)	0.6		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-11 13:24 (-15)	5.69		3.7 - 11
		Day 29	2020-07-29 14:29 (34)	5.55		3.7 - 11
		Day 57	2020-08-25 14:28 (28)	5.22		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-11 13:24 (-15)	1.59		0.9 - 3.6
		Day 29	2020-07-29 14:29 (34)	1.70		0.9 - 3.6
		Day 57	2020-08-25 14:28 (28)	1.43		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-11 13:24 (-15)	27.9		12 - 46
		Day 29	2020-07-29 14:29 (34)	30.6		12 - 46
		Day 57	2020-08-25 14:28 (28)	27.4		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021190	Monocytes (10^9/L)	Screening	2020-06-11 13:24 (-15)	0.40		0 - 1.2
		Day 29	2020-07-29 14:29 (34)	0.44		0 - 1.2
		Day 57	2020-08-25 14:28 (28)	0.46		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-11 13:24 (-15)	7.0		0 - 11
		Day 29	2020-07-29 14:29 (34)	7.9		0 - 11
		Day 57	2020-08-25 14:28 (28)	8.8		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-11 13:24 (-15)	3.41		1.7 - 7.9
		Day 29	2020-07-29 14:29 (34)	3.13		1.7 - 7.9
		Day 57	2020-08-25 14:28 (28)	3.02		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-11 13:24 (-15)	60.0		34 - 71
		Day 29	2020-07-29 14:29 (34)	56.4		34 - 71
		Day 57	2020-08-25 14:28 (28)	57.9		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021190	Platelets (10^9/L)	Screening	2020-06-11 13:24 (-15)	245		163 - 375
		Day 29	2020-07-29 14:29 (34)	230		163 - 375
		Day 57	2020-08-25 14:28 (28)	139 (L)	G1 Platelets Decreased	163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-11 13:24 (-15)	0.9		0.9 - 1.1
		Day 29	2020-07-29 14:29 (34)	0.9		0.9 - 1.1
		Day 57	2020-08-25 14:28 (28)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-11 13:24 (-15)	10.9		9.4 - 12.5
		Day 29	2020-07-29 14:29 (34)	11.5		9.4 - 12.5
		Day 57	2020-08-25 14:28 (28)	11.8		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-11 13:24 (-15)	4.28		1.78 - 7.14
		Day 29	2020-07-29 14:29 (34)	3.57		1.78 - 7.14
		Day 57	2020-08-25 14:28 (28)	4.64		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021190	Urea Nitrogen/Creatinine	Screening	2020-06-11 13:24 (-15)	17.1		7.8 - 26.7
		Day 29	2020-07-29 14:29 (34)	14.3		7.8 - 26.7
		Day 57	2020-08-25 14:28 (28)	18.6		7.8 - 26.7
US2021192	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-12 09:32 (-14)	34.9		25.1 - 36.5
		Day 29	2020-07-27 09:40 (32)	34.8		25.1 - 36.5
		Day 57	2020-08-21 08:42 (26)	38.2 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-12 09:32 (-14)	19		10 - 40
		Day 29	2020-07-27 09:40 (32)	17		10 - 40
		Day 57	2020-08-21 08:42 (26)	16		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-12 09:32 (-14)	64		43 - 115
		Day 29	2020-07-27 09:40 (32)	60		43 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021192	Alkaline Phosphatase (U/L)	Day 57	2020-08-21 08:42 (26)	69		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-12 09:32 (-14)	17		10 - 43
		Day 29	2020-07-27 09:40 (32)	13		10 - 43
		Day 57	2020-08-21 08:42 (26)	15		10 - 43
	Basophils (10^9/L)	Screening	2020-06-12 09:32 (-14)	0.04		0 - 0.3
		Day 29	2020-07-27 09:40 (32)	0.04		0 - 0.3
		Day 57	2020-08-21 08:42 (26)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-12 09:32 (-14)	0.8		0 - 3
		Day 29	2020-07-27 09:40 (32)	0.8		0 - 3
		Day 57	2020-08-21 08:42 (26)	0.4		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-12 09:32 (-14)	6.5		- 18.8
		Day 29	2020-07-27 09:40 (32)	6.7		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021192	Bilirubin (umol/L)	Day 57	2020-08-21 08:42 (26)	5.5		- 18.8
	Creatinine (umol/L)	Screening	2020-06-12 09:32 (-14)	71		62 - 124
		Day 29	2020-07-27 09:40 (32)	71		62 - 124
		Day 57	2020-08-21 08:42 (26)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-12 09:32 (-14)	<3.4		0 - 6.8
		Day 29	2020-07-27 09:40 (32)	<3.4		0 - 6.8
		Day 57	2020-08-21 08:42 (26)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-12 09:32 (-14)	0.11		0 - 0.8
		Day 29	2020-07-27 09:40 (32)	0.09		0 - 0.8
		Day 57	2020-08-21 08:42 (26)	0.12		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-12 09:32 (-14)	2.1		0 - 7
		Day 29	2020-07-27 09:40 (32)	1.9		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021192	Eosinophils/Leukocytes (%)	Day 57	2020-08-21 08:42 (26)	2.6		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-12 09:32 (-14)	5.18		4.63 - 6.08
		Day 29	2020-07-27 09:40 (32)	4.64		4.63 - 6.08
		Day 57	2020-08-21 08:42 (26)	4.87		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-12 09:32 (-14)	0.493		0.37 - 0.51
		Day 29	2020-07-27 09:40 (32)	0.473		0.37 - 0.51
		Day 57	2020-08-21 08:42 (26)	0.476		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-12 09:32 (-14)	151		125 - 170
		Day 29	2020-07-27 09:40 (32)	136	G1 Hemoglobin Decreased	125 - 170
		Day 57	2020-08-21 08:42 (26)	143	G1 Hemoglobin Decreased	125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-12 09:32 (-14)	<0.03		0 - 0.07
		Day 29	2020-07-27 09:40 (32)	0.06		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021192	Immature Granulocytes (10^9/L)	Day 57	2020-08-21 08:42 (26)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-12 09:32 (-14)	0.4		0 - 1
		Day 29	2020-07-27 09:40 (32)	1.3 (H)		0 - 1
		Day 57	2020-08-21 08:42 (26)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-12 09:32 (-14)	5.24		3.7 - 11
		Day 29	2020-07-27 09:40 (32)	4.72		3.7 - 11
		Day 57	2020-08-21 08:42 (26)	4.68		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-12 09:32 (-14)	1.48		0.9 - 3.6
		Day 29	2020-07-27 09:40 (32)	1.43		0.9 - 3.6
		Day 57	2020-08-21 08:42 (26)	1.56		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-12 09:32 (-14)	28.2		12 - 46
		Day 29	2020-07-27 09:40 (32)	30.3		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021192	Lymphocytes/Leukocytes (%)	Day 57	2020-08-21 08:42 (26)	33.3		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-12 09:32 (-14)	0.29		0 - 1.2
		Day 29	2020-07-27 09:40 (32)	0.38		0 - 1.2
		Day 57	2020-08-21 08:42 (26)	0.32		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-12 09:32 (-14)	5.5		0 - 11
		Day 29	2020-07-27 09:40 (32)	8.1		0 - 11
		Day 57	2020-08-21 08:42 (26)	6.8		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-12 09:32 (-14)	3.30		1.7 - 7.9
		Day 29	2020-07-27 09:40 (32)	2.72		1.7 - 7.9
		Day 57	2020-08-21 08:42 (26)	2.65		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-12 09:32 (-14)	63.0		34 - 71
		Day 29	2020-07-27 09:40 (32)	57.6		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021192	Neutrophils/Leukocytes (%)	Day 57	2020-08-21 08:42 (26)	56.7		34 - 71
	Platelets (10^9/L)	Screening	2020-06-12 09:32 (-14)	276		163 - 375
		Day 29	2020-07-27 09:40 (32)	266		163 - 375
		Day 57	2020-08-21 08:42 (26)	172		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-12 09:32 (-14)	1.0		0.9 - 1.1
		Day 29	2020-07-27 09:40 (32)	1.0		0.9 - 1.1
		Day 57	2020-08-21 08:42 (26)	1.1		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-12 09:32 (-14)	11.2		9.4 - 12.5
		Day 29	2020-07-27 09:40 (32)	12.2		9.4 - 12.5
		Day 57	2020-08-21 08:42 (26)	12.9 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-12 09:32 (-14)	4.28		1.78 - 7.14
		Day 29	2020-07-27 09:40 (32)	5.00		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021192	Urea Nitrogen (mmol/L)	Day 57	2020-08-21 08:42 (26)	5.00		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-12 09:32 (-14)	15.0		7.8 - 26.7
		Day 29	2020-07-27 09:40 (32)	17.5		7.8 - 26.7
		Day 57	2020-08-21 08:42 (26)	20.0		7.8 - 26.7
US2021205	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-17 09:31 (-9)	32.1		25.1 - 36.5
		Day 57	2020-08-25 09:13 (26)	31.7		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-17 09:31 (-9)	15		10 - 33
		Day 57	2020-08-25 09:13 (26)	15		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-17 09:31 (-9)	111		30 - 115
		Day 57	2020-08-25 09:13 (26)	128 (H)	G1 Alkaline Phosphatase Increased	30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-17 09:31 (-9)	28		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021205	Aspartate Aminotransferase (U/L)	Day 57	2020-08-25 09:13 (26)	29		10 - 36
	Basophils (10^9/L)	Screening	2020-06-17 09:31 (-9)	0.08		0 - 0.3
		Day 57	2020-08-25 09:13 (26)	0.10		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-17 09:31 (-9)	1.2		0 - 3
		Day 57	2020-08-25 09:13 (26)	1.7		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-17 09:31 (-9)	5.3		- 18.8
		Day 57	2020-08-25 09:13 (26)	3.8		- 18.8
	Creatinine (umol/L)	Screening	2020-06-17 09:31 (-9)	71		62 - 124
		Day 57	2020-08-25 09:13 (26)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-17 09:31 (-9)	<3.4		0 - 6.8
		Day 57	2020-08-25 09:13 (26)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-17 09:31 (-9)	0.18		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021205	Eosinophils (10^9/L)	Day 57	2020-08-25 09:13 (26)	0.41		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-17 09:31 (-9)	2.6		0 - 7
		Day 57	2020-08-25 09:13 (26)	7.1 (H)		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-17 09:31 (-9)	4.52		3.7 - 5.2
		Day 57	2020-08-25 09:13 (26)	4.34		3.7 - 5.2
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-17 09:31 (-9)	5.3		1.7 - 21.5
	Hematocrit (L/L)	Screening	2020-06-17 09:31 (-9)	0.412		0.33 - 0.47
		Day 57	2020-08-25 09:13 (26)	0.423		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-17 09:31 (-9)	116	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-25 09:13 (26)	113	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-17 09:31 (-9)	<0.03		0 - 0.07
		Day 57	2020-08-25 09:13 (26)	0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021205	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-17 09:31 (-9)	0.1		0 - 1
		Day 57	2020-08-25 09:13 (26)	0.5		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-17 09:31 (-9)	6.81		3.7 - 11
		Day 57	2020-08-25 09:13 (26)	5.79		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-17 09:31 (-9)	1.63		0.9 - 3.6
		Day 57	2020-08-25 09:13 (26)	1.64		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-17 09:31 (-9)	23.9		12 - 46
		Day 57	2020-08-25 09:13 (26)	28.3		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-17 09:31 (-9)	0.67		0 - 1.2
		Day 57	2020-08-25 09:13 (26)	0.68		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-17 09:31 (-9)	9.8		0 - 11
		Day 57	2020-08-25 09:13 (26)	11.7 (H)		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021205	Neutrophils (10^9/L)	Screening	2020-06-17 09:31 (-9)	4.24		1.7 - 7.9
		Day 57	2020-08-25 09:13 (26)	2.93		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-17 09:31 (-9)	62.4		34 - 71
		Day 57	2020-08-25 09:13 (26)	50.7		34 - 71
	Platelets (10^9/L)	Screening	2020-06-17 09:31 (-9)	286		163 - 375
		Day 57	2020-08-25 09:13 (26)	322		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-17 09:31 (-9)	0.8 (L)		0.9 - 1.1
		Day 57	2020-08-25 09:13 (26)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-17 09:31 (-9)	9.4		9.4 - 12.5
		Day 57	2020-08-25 09:13 (26)	11.4		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-17 09:31 (-9)	4.64		1.78 - 7.14
		Day 57	2020-08-25 09:13 (26)	6.07		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021205	Urea Nitrogen/Creatinine	Screening	2020-06-17 09:31 (-9)	16.2		7.8 - 26.7
		Day 57	2020-08-25 09:13 (26)	21.2		7.8 - 26.7
US2021216	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-19 08:57 (-13)	37.9 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
		Unscheduled	2020-06-26 08:32 (-6)	33.1		25.1 - 36.5
		Day 29	2020-08-03 13:58 (33)	29.7		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-19 08:57 (-13)	15		10 - 33
		Day 29	2020-08-03 13:58 (33)	18		10 - 33
		Day 57	2020-08-28 09:36 (26)	21		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-19 08:57 (-13)	81		30 - 115
		Day 29	2020-08-03 13:58 (33)	86		30 - 115
		Day 57	2020-08-28 09:36 (26)	84		30 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021216	Aspartate Aminotransferase (U/L)	Screening	2020-06-19 08:57 (-13)	18		10 - 36
		Day 29	2020-08-03 13:58 (33)	16		10 - 36
		Day 57	2020-08-28 09:36 (26)	18		10 - 36
	Basophils (10^9/L)	Screening	2020-06-19 08:57 (-13)	0.03		0 - 0.3
		Day 29	2020-08-03 13:58 (33)	0.05		0 - 0.3
		Day 57	2020-08-28 09:36 (26)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-19 08:57 (-13)	0.6		0 - 3
		Day 29	2020-08-03 13:58 (33)	0.5		0 - 3
		Day 57	2020-08-28 09:36 (26)	0.3		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-19 08:57 (-13)	8.0		- 18.8
		Day 29	2020-08-03 13:58 (33)	5.0		- 18.8
		Day 57	2020-08-28 09:36 (26)	6.8		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021216	Creatinine (umol/L)	Screening	2020-06-19 08:57 (-13)	62		62 - 124
		Day 29	2020-08-03 13:58 (33)	53 (L)		62 - 124
		Day 57	2020-08-28 09:36 (26)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-19 08:57 (-13)	<3.4		0 - 6.8
		Day 29	2020-08-03 13:58 (33)	<3.4		0 - 6.8
		Day 57	2020-08-28 09:36 (26)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-19 08:57 (-13)	0.09		0 - 0.8
		Day 29	2020-08-03 13:58 (33)	0.12		0 - 0.8
		Day 57	2020-08-28 09:36 (26)	0.13		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-19 08:57 (-13)	1.8		0 - 7
		Day 29	2020-08-03 13:58 (33)	1.3		0 - 7
		Day 57	2020-08-28 09:36 (26)	1.9		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021216	Erythrocytes (10^12/L)	Screening	2020-06-19 08:57 (-13)	4.84		3.7 - 5.2
		Day 29	2020-08-03 13:58 (33)	4.67		3.7 - 5.2
		Day 57	2020-08-28 09:36 (26)	4.40		3.7 - 5.2
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-19 08:57 (-13)	72.3 (H)		1.7 - 21.5
	Hematocrit (L/L)	Screening	2020-06-19 08:57 (-13)	0.461		0.33 - 0.47
		Day 29	2020-08-03 13:58 (33)	0.439		0.33 - 0.47
		Day 57	2020-08-28 09:36 (26)	0.424		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-19 08:57 (-13)	141		110 - 155
		Day 29	2020-08-03 13:58 (33)	136	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-28 09:36 (26)	130	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-19 08:57 (-13)	<0.03		0 - 0.07
		Day 29	2020-08-03 13:58 (33)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021216	Immature Granulocytes (10^9/L)	Day 57	2020-08-28 09:36 (26)	0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-19 08:57 (-13)	0.2		0 - 1
		Day 29	2020-08-03 13:58 (33)	0.2		0 - 1
		Day 57	2020-08-28 09:36 (26)	0.4		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-19 08:57 (-13)	5.04		3.7 - 11
		Day 29	2020-08-03 13:58 (33)	9.28		3.7 - 11
		Day 57	2020-08-28 09:36 (26)	6.99		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-19 08:57 (-13)	2.00		0.9 - 3.6
		Day 29	2020-08-03 13:58 (33)	2.54		0.9 - 3.6
		Day 57	2020-08-28 09:36 (26)	1.98		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-19 08:57 (-13)	39.7		12 - 46
		Day 29	2020-08-03 13:58 (33)	27.4		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021216	Lymphocytes/Leukocytes (%)	Day 57	2020-08-28 09:36 (26)	28.3		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-19 08:57 (-13)	0.40		0 - 1.2
		Day 29	2020-08-03 13:58 (33)	0.52		0 - 1.2
		Day 57	2020-08-28 09:36 (26)	0.54		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-19 08:57 (-13)	7.9		0 - 11
		Day 29	2020-08-03 13:58 (33)	5.6		0 - 11
		Day 57	2020-08-28 09:36 (26)	7.7		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-19 08:57 (-13)	2.51		1.7 - 7.9
		Day 29	2020-08-03 13:58 (33)	6.03		1.7 - 7.9
		Day 57	2020-08-28 09:36 (26)	4.29		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-19 08:57 (-13)	49.8		34 - 71
		Day 29	2020-08-03 13:58 (33)	65.0		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021216	Neutrophils/Leukocytes (%)	Day 57	2020-08-28 09:36 (26)	61.4		34 - 71
	Platelets (10^9/L)	Screening	2020-06-19 08:57 (-13)	206		163 - 375
		Day 29	2020-08-03 13:58 (33)	210		163 - 375
		Day 57	2020-08-28 09:36 (26)	191		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-19 08:57 (-13)	1.1		0.9 - 1.1
		Unscheduled	2020-06-26 08:32 (-6)	0.9		0.9 - 1.1
		Day 29	2020-08-03 13:58 (33)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-19 08:57 (-13)	12.2		9.4 - 12.5
		Unscheduled	2020-06-26 08:32 (-6)	10.9		9.4 - 12.5
		Day 29	2020-08-03 13:58 (33)	10.7		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-19 08:57 (-13)	3.93		1.78 - 7.14
		Day 29	2020-08-03 13:58 (33)	5.00		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021216	Urea Nitrogen (mmol/L)	Day 57	2020-08-28 09:36 (26)	3.93		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-19 08:57 (-13)	15.7		7.8 - 26.7
		Day 29	2020-08-03 13:58 (33)	23.3		7.8 - 26.7
		Day 57	2020-08-28 09:36 (26)	18.3		7.8 - 26.7
US2021217	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-19 11:49 (-10)	43.9 (H)	G2 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
		Unscheduled	2020-06-23 11:30 (-6)	31.9		25.1 - 36.5
		Day 29	2020-07-29 12:58 (31)	29.1		25.1 - 36.5
		Day 57	2020-08-26 12:48 (29)	36.7 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-19 11:49 (-10)	16		10 - 33
		Day 29	2020-07-29 12:58 (31)	18		10 - 33

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021217	Alanine Aminotransferase (U/L)	Day 57	2020-08-26 12:48 (29)	14		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-19 11:49 (-10)	52		30 - 115
		Day 29	2020-07-29 12:58 (31)	52		30 - 115
		Day 57	2020-08-26 12:48 (29)	50		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-19 11:49 (-10)	21		10 - 36
		Day 29	2020-07-29 12:58 (31)	25		10 - 36
		Day 57	2020-08-26 12:48 (29)	18		10 - 36
	Basophils (10^9/L)	Screening	2020-06-19 11:49 (-10)	0.06		0 - 0.3
		Day 29	2020-07-29 12:58 (31)	0.04		0 - 0.3
		Day 57	2020-08-26 12:48 (29)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-19 11:49 (-10)	1.1		0 - 3
		Day 29	2020-07-29 12:58 (31)	0.7		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021217	Basophils/Leukocytes (%)	Day 57	2020-08-26 12:48 (29)	0.7		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-19 11:49 (-10)	7.2		- 18.8
		Day 29	2020-07-29 12:58 (31)	5.6		- 18.8
		Day 57	2020-08-26 12:48 (29)	5.6		- 18.8
	Creatinine (umol/L)	Screening	2020-06-19 11:49 (-10)	53 (L)		62 - 124
		Day 29	2020-07-29 12:58 (31)	35 (L)		62 - 124
		Day 57	2020-08-26 12:48 (29)	35 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-19 11:49 (-10)	<3.4		0 - 6.8
		Day 29	2020-07-29 12:58 (31)	<3.4		0 - 6.8
		Day 57	2020-08-26 12:48 (29)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-19 11:49 (-10)	0.10		0 - 0.8
		Day 29	2020-07-29 12:58 (31)	0.10		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021217	Eosinophils (10^9/L)	Day 57	2020-08-26 12:48 (29)	0.11		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-19 11:49 (-10)	1.8		0 - 7
		Day 29	2020-07-29 12:58 (31)	1.6		0 - 7
		Day 57	2020-08-26 12:48 (29)	1.8		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-19 11:49 (-10)	5.19		3.7 - 5.2
		Day 29	2020-07-29 12:58 (31)	5.05		3.7 - 5.2
		Day 57	2020-08-26 12:48 (29)	5.25 (H)		3.7 - 5.2
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-19 11:49 (-10)	76.3 (H)		1.7 - 21.5
	Hematocrit (L/L)	Screening	2020-06-19 11:49 (-10)	0.500 (H)		0.33 - 0.47
		Day 29	2020-07-29 12:58 (31)	0.499 (H)		0.33 - 0.47
		Day 57	2020-08-26 12:48 (29)	0.504 (H)		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-19 11:49 (-10)	150		110 - 155

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021217	Hemoglobin (g/L)	Day 29	2020-07-29 12:58 (31)	149	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-26 12:48 (29)	152		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-19 11:49 (-10)	<0.03		0 - 0.07
		Day 29	2020-07-29 12:58 (31)	0.04		0 - 0.07
		Day 57	2020-08-26 12:48 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-19 11:49 (-10)	0.4		0 - 1
		Day 29	2020-07-29 12:58 (31)	0.7		0 - 1
		Day 57	2020-08-26 12:48 (29)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-19 11:49 (-10)	5.62		3.7 - 11
		Day 29	2020-07-29 12:58 (31)	6.13		3.7 - 11
		Day 57	2020-08-26 12:48 (29)	6.05		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-19 11:49 (-10)	1.80		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021217	Lymphocytes (10^9/L)	Day 29	2020-07-29 12:58 (31)	2.33		0.9 - 3.6
		Day 57	2020-08-26 12:48 (29)	2.01		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-19 11:49 (-10)	32.0		12 - 46
		Day 29	2020-07-29 12:58 (31)	38.0		12 - 46
		Day 57	2020-08-26 12:48 (29)	33.2		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-19 11:49 (-10)	0.42		0 - 1.2
		Day 29	2020-07-29 12:58 (31)	0.24		0 - 1.2
		Day 57	2020-08-26 12:48 (29)	0.44		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-19 11:49 (-10)	7.5		0 - 11
		Day 29	2020-07-29 12:58 (31)	3.9		0 - 11
		Day 57	2020-08-26 12:48 (29)	7.3		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-19 11:49 (-10)	3.22		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021217	Neutrophils (10^9/L)	Day 29	2020-07-29 12:58 (31)	3.38		1.7 - 7.9
		Day 57	2020-08-26 12:48 (29)	3.44		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-19 11:49 (-10)	57.2		34 - 71
		Day 29	2020-07-29 12:58 (31)	55.1		34 - 71
		Day 57	2020-08-26 12:48 (29)	56.8		34 - 71
	Platelets (10^9/L)	Screening	2020-06-19 11:49 (-10)	252		163 - 375
		Day 29	2020-07-29 12:58 (31)	248		163 - 375
		Day 57	2020-08-26 12:48 (29)	285		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-19 11:49 (-10)	1.1		0.9 - 1.1
		Unscheduled	2020-06-23 11:30 (-6)	0.9		0.9 - 1.1
		Day 29	2020-07-29 12:58 (31)	0.9		0.9 - 1.1
		Day 57	2020-08-26 12:48 (29)	1.0		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021217	Prothrombin Time (sec)	Screening	2020-06-19 11:49 (-10)	12.2		9.4 - 12.5
		Unscheduled	2020-06-23 11:30 (-6)	11.0		9.4 - 12.5
		Day 29	2020-07-29 12:58 (31)	10.5		9.4 - 12.5
		Day 57	2020-08-26 12:48 (29)	12.4		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-19 11:49 (-10)	3.57		1.78 - 7.14
		Day 29	2020-07-29 12:58 (31)	3.93		1.78 - 7.14
		Day 57	2020-08-26 12:48 (29)	4.28		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-19 11:49 (-10)	16.7		7.8 - 26.7
		Day 29	2020-07-29 12:58 (31)	27.5 (H)		7.8 - 26.7
		Day 57	2020-08-26 12:48 (29)	30.0 (H)		7.8 - 26.7
US2021220	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-24 12:22 (-5)	30.7		25.1 - 36.5
		Day 29	2020-07-29 13:20 (31)	31.5		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021220	Activated Partial Thromboplastin Time (sec)	Day 57	2020-08-25 13:34 (28)	29.8		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-24 12:22 (-5)	10		10 - 40
		Day 29	2020-07-29 13:20 (31)	10		10 - 40
		Day 57	2020-08-25 13:34 (28)	12		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-24 12:22 (-5)	60		43 - 115
		Day 29	2020-07-29 13:20 (31)	62		43 - 115
		Day 57	2020-08-25 13:34 (28)	60		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-24 12:22 (-5)	15		10 - 43
		Day 29	2020-07-29 13:20 (31)	14		10 - 43
		Day 57	2020-08-25 13:34 (28)	13		10 - 43
	Basophils (10^9/L)	Screening	2020-06-24 12:22 (-5)	0.03		0 - 0.3
		Day 29	2020-07-29 13:20 (31)	0.03		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021220	Basophils (10^9/L)	Day 57	2020-08-25 13:34 (28)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-24 12:22 (-5)	0.5		0 - 3
		Day 29	2020-07-29 13:20 (31)	0.6		0 - 3
		Day 57	2020-08-25 13:34 (28)	0.5		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-24 12:22 (-5)	5.6		- 18.8
		Day 29	2020-07-29 13:20 (31)	5.8		- 18.8
		Day 57	2020-08-25 13:34 (28)	6.7		- 18.8
	Creatinine (umol/L)	Screening	2020-06-24 12:22 (-5)	106		62 - 124
		Day 29	2020-07-29 13:20 (31)	106		62 - 124
		Day 57	2020-08-25 13:34 (28)	88		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-24 12:22 (-5)	<3.4		0 - 6.8
		Day 29	2020-07-29 13:20 (31)	<3.4		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021220	Direct Bilirubin (umol/L)	Day 57	2020-08-25 13:34 (28)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-24 12:22 (-5)	0.16		0 - 0.8
		Day 29	2020-07-29 13:20 (31)	0.13		0 - 0.8
		Day 57	2020-08-25 13:34 (28)	0.16		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-24 12:22 (-5)	2.8		0 - 7
		Day 29	2020-07-29 13:20 (31)	2.4		0 - 7
		Day 57	2020-08-25 13:34 (28)	2.9		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-24 12:22 (-5)	4.37 (L)		4.63 - 6.08
		Day 29	2020-07-29 13:20 (31)	4.20 (L)		4.63 - 6.08
		Day 57	2020-08-25 13:34 (28)	4.27 (L)		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-24 12:22 (-5)	0.463		0.37 - 0.51
		Day 29	2020-07-29 13:20 (31)	0.460		0.37 - 0.51

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021220	Hematocrit (L/L)	Day 57	2020-08-25 13:34 (28)	0.462		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-24 12:22 (-5)	134	G1 Hemoglobin Decreased	125 - 170
		Day 29	2020-07-29 13:20 (31)	130	G1 Hemoglobin Decreased	125 - 170
		Day 57	2020-08-25 13:34 (28)	130	G1 Hemoglobin Decreased	125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-24 12:22 (-5)	0.06		0 - 0.07
		Day 29	2020-07-29 13:20 (31)	0.06		0 - 0.07
		Day 57	2020-08-25 13:34 (28)	0.04		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-24 12:22 (-5)	1.0		0 - 1
		Day 29	2020-07-29 13:20 (31)	1.1 (H)		0 - 1
		Day 57	2020-08-25 13:34 (28)	0.7		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-24 12:22 (-5)	5.80		3.7 - 11
		Day 29	2020-07-29 13:20 (31)	5.45		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021220	Leukocytes (10^9/L)	Day 57	2020-08-25 13:34 (28)	5.60		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-24 12:22 (-5)	1.35		0.9 - 3.6
		Day 29	2020-07-29 13:20 (31)	1.21		0.9 - 3.6
		Day 57	2020-08-25 13:34 (28)	1.25		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-24 12:22 (-5)	23.3		12 - 46
		Day 29	2020-07-29 13:20 (31)	22.2		12 - 46
		Day 57	2020-08-25 13:34 (28)	22.3		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-24 12:22 (-5)	0.50		0 - 1.2
		Day 29	2020-07-29 13:20 (31)	0.43		0 - 1.2
		Day 57	2020-08-25 13:34 (28)	0.37		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-24 12:22 (-5)	8.6		0 - 11
		Day 29	2020-07-29 13:20 (31)	7.9		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021220	Monocytes/Leukocytes (%)	Day 57	2020-08-25 13:34 (28)	6.6		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-24 12:22 (-5)	3.70		1.7 - 7.9
		Day 29	2020-07-29 13:20 (31)	3.59		1.7 - 7.9
		Day 57	2020-08-25 13:34 (28)	3.75		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-24 12:22 (-5)	63.8		34 - 71
		Day 29	2020-07-29 13:20 (31)	65.8		34 - 71
		Day 57	2020-08-25 13:34 (28)	67.0		34 - 71
	Platelets (10^9/L)	Screening	2020-06-24 12:22 (-5)	265		163 - 375
		Day 29	2020-07-29 13:20 (31)	271		163 - 375
		Day 57	2020-08-25 13:34 (28)	230		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-24 12:22 (-5)	0.9		0.9 - 1.1
		Day 29	2020-07-29 13:20 (31)	0.9		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021220	Prothrombin Intl. Normalized Ratio	Day 57	2020-08-25 13:34 (28)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-24 12:22 (-5)	10.8		9.4 - 12.5
		Day 29	2020-07-29 13:20 (31)	11.2		9.4 - 12.5
		Day 57	2020-08-25 13:34 (28)	12.2		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-24 12:22 (-5)	5.00		1.78 - 7.14
		Day 29	2020-07-29 13:20 (31)	5.00		1.78 - 7.14
		Day 57	2020-08-25 13:34 (28)	5.71		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-24 12:22 (-5)	11.7		7.8 - 26.7
		Day 29	2020-07-29 13:20 (31)	11.7		7.8 - 26.7
		Day 57	2020-08-25 13:34 (28)	16.0		7.8 - 26.7
US2021226	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-30 16:31 (-6)	35.1		25.1 - 36.5
		Day 29	2020-08-04 10:04 (30)	28.3		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021226	Activated Partial Thromboplastin Time (sec)	Day 57	2020-09-03 15:00 (31)	31.0		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-30 16:31 (-6)	7 (L)		10 - 33
		Day 29	2020-08-04 10:04 (30)	6 (L)		10 - 33
		Day 57	2020-09-03 15:00 (31)	9 (L)		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-30 16:31 (-6)	64		30 - 115
		Day 29	2020-08-04 10:04 (30)	57		30 - 115
		Day 57	2020-09-03 15:00 (31)	63		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-30 16:31 (-6)	12		10 - 36
		Day 29	2020-08-04 10:04 (30)	15		10 - 36
		Day 57	2020-09-03 15:00 (31)	15		10 - 36
	Basophils (10^9/L)	Screening	2020-06-30 16:31 (-6)	0.03		0 - 0.3
		Day 29	2020-08-04 10:04 (30)	<0.03		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021226	Basophils (10^9/L)	Day 57	2020-09-03 15:00 (31)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-30 16:31 (-6)	0.7		0 - 3
		Day 29	2020-08-04 10:04 (30)	0.5		0 - 3
		Day 57	2020-09-03 15:00 (31)	0.6		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-30 16:31 (-6)	10.4		- 18.8
		Day 29	2020-08-04 10:04 (30)	9.6		- 18.8
		Day 57	2020-09-03 15:00 (31)	11.6		- 18.8
	Creatinine (umol/L)	Screening	2020-06-30 16:31 (-6)	80		62 - 124
		Day 29	2020-08-04 10:04 (30)	71		62 - 124
		Day 57	2020-09-03 15:00 (31)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-30 16:31 (-6)	<3.4		0 - 6.8
		Day 29	2020-08-04 10:04 (30)	<3.4		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021226	Direct Bilirubin (umol/L)	Day 57	2020-09-03 15:00 (31)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-30 16:31 (-6)	0.07		0 - 0.8
		Day 29	2020-08-04 10:04 (30)	0.13		0 - 0.8
		Day 57	2020-09-03 15:00 (31)	0.08		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-30 16:31 (-6)	1.6		0 - 7
		Day 29	2020-08-04 10:04 (30)	3.1		0 - 7
		Day 57	2020-09-03 15:00 (31)	2.3		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-30 16:31 (-6)	4.27		3.7 - 5.2
		Day 29	2020-08-04 10:04 (30)	4.00		3.7 - 5.2
		Day 57	2020-09-03 15:00 (31)	4.02		3.7 - 5.2
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-30 16:31 (-6)	42.3 (H)		1.7 - 21.5
	Hematocrit (L/L)	Screening	2020-06-30 16:31 (-6)	0.418		0.33 - 0.47

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021226	Hematocrit (L/L)	Day 29	2020-08-04 10:04 (30)	0.375		0.33 - 0.47
		Day 57	2020-09-03 15:00 (31)	0.431		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-30 16:31 (-6)	127		110 - 155
		Day 29	2020-08-04 10:04 (30)	119	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-09-03 15:00 (31)	117	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-30 16:31 (-6)	<0.03		0 - 0.07
		Day 29	2020-08-04 10:04 (30)	<0.03		0 - 0.07
		Day 57	2020-09-03 15:00 (31)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-30 16:31 (-6)	0.0		0 - 1
		Day 29	2020-08-04 10:04 (30)	0.5		0 - 1
		Day 57	2020-09-03 15:00 (31)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-30 16:31 (-6)	4.41		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021226	Leukocytes (10^9/L)	Day 29	2020-08-04 10:04 (30)	4.21		3.7 - 11
		Day 57	2020-09-03 15:00 (31)	3.53 (L)		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-30 16:31 (-6)	1.73		0.9 - 3.6
		Day 29	2020-08-04 10:04 (30)	1.43		0.9 - 3.6
		Day 57	2020-09-03 15:00 (31)	1.35		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-30 16:31 (-6)	39.2		12 - 46
		Day 29	2020-08-04 10:04 (30)	34.0		12 - 46
		Day 57	2020-09-03 15:00 (31)	38.2		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-30 16:31 (-6)	0.41		0 - 1.2
		Day 29	2020-08-04 10:04 (30)	0.47		0 - 1.2
		Day 57	2020-09-03 15:00 (31)	0.31		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-30 16:31 (-6)	9.3		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021226	Monocytes/Leukocytes (%)	Day 29	2020-08-04 10:04 (30)	11.2 (H)		0 - 11
		Day 57	2020-09-03 15:00 (31)	8.8		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-30 16:31 (-6)	2.17		1.7 - 7.9
		Day 29	2020-08-04 10:04 (30)	2.14		1.7 - 7.9
		Day 57	2020-09-03 15:00 (31)	1.76	G1 Neutrophils Decreased	1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-30 16:31 (-6)	49.2		34 - 71
		Day 29	2020-08-04 10:04 (30)	50.7		34 - 71
		Day 57	2020-09-03 15:00 (31)	49.8		34 - 71
	Platelets (10^9/L)	Screening	2020-06-30 16:31 (-6)	197		163 - 375
		Day 29	2020-08-04 10:04 (30)	209		163 - 375
		Day 57	2020-09-03 15:00 (31)	210		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-30 16:31 (-6)	0.9		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021226	Prothrombin Intl. Normalized Ratio	Day 29	2020-08-04 10:04 (30)	0.8 (L)		0.9 - 1.1
		Day 57	2020-09-03 15:00 (31)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-30 16:31 (-6)	11.0		9.4 - 12.5
		Day 29	2020-08-04 10:04 (30)	10.1		9.4 - 12.5
		Day 57	2020-09-03 15:00 (31)	11.7		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-30 16:31 (-6)	7.85 (H)		1.78 - 7.14
		Day 29	2020-08-04 10:04 (30)	7.85 (H)		1.78 - 7.14
		Day 57	2020-09-03 15:00 (31)	6.43		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-30 16:31 (-6)	24.4		7.8 - 26.7
		Day 29	2020-08-04 10:04 (30)	27.5 (H)		7.8 - 26.7
		Day 57	2020-09-03 15:00 (31)	22.5		7.8 - 26.7
US2031086	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-08 10:15 (-18)	31.6		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031086	Activated Partial Thromboplastin Time (sec)	Day 29	2020-07-27 11:18 (32)	30.2		25.1 - 36.5
		Day 57	2020-08-24 08:24 (29)	32.2		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-08 10:15 (-18)	21		10 - 33
		Day 29	2020-07-27 11:18 (32)	15		10 - 33
		Day 57	2020-08-24 08:24 (29)	29		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-08 10:15 (-18)	59		30 - 115
		Day 29	2020-07-27 11:18 (32)	53		30 - 115
		Day 57	2020-08-24 08:24 (29)	55		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-08 10:15 (-18)	23		10 - 36
		Day 29	2020-07-27 11:18 (32)	20		10 - 36
		Day 57	2020-08-24 08:24 (29)	22		10 - 36
	Basophils (10^9/L)	Screening	2020-06-08 10:15 (-18)	<0.03		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031086	Basophils (10^9/L)	Day 29	2020-07-27 11:18 (32)	<0.03		0 - 0.3
		Day 57	2020-08-24 08:24 (29)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-08 10:15 (-18)	0.5		0 - 3
		Day 29	2020-07-27 11:18 (32)	0.5		0 - 3
		Day 57	2020-08-24 08:24 (29)	0.3		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-08 10:15 (-18)	5.8		- 18.8
		Day 29	2020-07-27 11:18 (32)	4.8		- 18.8
		Day 57	2020-08-24 08:24 (29)	3.6		- 18.8
	Creatinine (umol/L)	Screening	2020-06-08 10:15 (-18)	53 (L)		62 - 124
		Day 29	2020-07-27 11:18 (32)	44 (L)		62 - 124
		Day 57	2020-08-24 08:24 (29)	44 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-08 10:15 (-18)	<3.4		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031086	Direct Bilirubin (umol/L)	Day 29	2020-07-27 11:18 (32)	<3.4		0 - 6.8
		Day 57	2020-08-24 08:24 (29)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-08 10:15 (-18)	0.12		0 - 0.8
		Day 29	2020-07-27 11:18 (32)	0.11		0 - 0.8
		Day 57	2020-08-24 08:24 (29)	0.19		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-08 10:15 (-18)	2.9		0 - 7
		Day 29	2020-07-27 11:18 (32)	2.7		0 - 7
		Day 57	2020-08-24 08:24 (29)	4.9		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-08 10:15 (-18)	4.45		3.7 - 5.2
		Day 29	2020-07-27 11:18 (32)	4.35		3.7 - 5.2
		Day 57	2020-08-24 08:24 (29)	4.02		3.7 - 5.2
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-08 10:15 (-18)	63.2 (H)		1.7 - 21.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031086	Hematocrit (L/L)	Screening	2020-06-08 10:15 (-18)	0.425		0.33 - 0.47
		Day 29	2020-07-27 11:18 (32)	0.412		0.33 - 0.47
		Day 57	2020-08-24 08:24 (29)	0.382		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-08 10:15 (-18)	128		110 - 155
		Day 29	2020-07-27 11:18 (32)	124	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-24 08:24 (29)	113	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-08 10:15 (-18)	<0.03		0 - 0.07
		Day 29	2020-07-27 11:18 (32)	<0.03		0 - 0.07
		Day 57	2020-08-24 08:24 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-08 10:15 (-18)	0.2		0 - 1
		Day 29	2020-07-27 11:18 (32)	0.2		0 - 1
		Day 57	2020-08-24 08:24 (29)	0.5		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031086	Leukocytes (10^9/L)	Screening	2020-06-08 10:15 (-18)	4.10		3.7 - 11
		Day 29	2020-07-27 11:18 (32)	4.12		3.7 - 11
		Day 57	2020-08-24 08:24 (29)	3.84		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-08 10:15 (-18)	1.16		0.9 - 3.6
		Day 29	2020-07-27 11:18 (32)	1.39		0.9 - 3.6
		Day 57	2020-08-24 08:24 (29)	1.13		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-08 10:15 (-18)	28.3		12 - 46
		Day 29	2020-07-27 11:18 (32)	33.7		12 - 46
		Day 57	2020-08-24 08:24 (29)	29.4		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-08 10:15 (-18)	0.32		0 - 1.2
		Day 29	2020-07-27 11:18 (32)	0.28		0 - 1.2
		Day 57	2020-08-24 08:24 (29)	0.28		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031086	Monocytes/Leukocytes (%)	Screening	2020-06-08 10:15 (-18)	7.8		0 - 11
		Day 29	2020-07-27 11:18 (32)	6.8		0 - 11
		Day 57	2020-08-24 08:24 (29)	7.3		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-08 10:15 (-18)	2.47		1.7 - 7.9
		Day 29	2020-07-27 11:18 (32)	2.31		1.7 - 7.9
		Day 57	2020-08-24 08:24 (29)	2.21		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-08 10:15 (-18)	60.3		34 - 71
		Day 29	2020-07-27 11:18 (32)	56.1		34 - 71
		Day 57	2020-08-24 08:24 (29)	57.6		34 - 71
	Platelets (10^9/L)	Screening	2020-06-08 10:15 (-18)	238		163 - 375
		Day 29	2020-07-27 11:18 (32)	226		163 - 375
		Day 57	2020-08-24 08:24 (29)	181		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031086	Prothrombin Intl. Normalized Ratio	Screening	2020-06-08 10:15 (-18)	1.1		0.9 - 1.1
		Day 29	2020-07-27 11:18 (32)	1.0		0.9 - 1.1
		Day 57	2020-08-24 08:24 (29)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-08 10:15 (-18)	12.4		9.4 - 12.5
		Day 29	2020-07-27 11:18 (32)	12.0		9.4 - 12.5
		Day 57	2020-08-24 08:24 (29)	12.2		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-08 10:15 (-18)	3.57		1.78 - 7.14
		Day 29	2020-07-27 11:18 (32)	3.57		1.78 - 7.14
		Day 57	2020-08-24 08:24 (29)	2.86		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-08 10:15 (-18)	16.7		7.8 - 26.7
		Day 29	2020-07-27 11:18 (32)	20.0		7.8 - 26.7
		Day 57	2020-08-24 08:24 (29)	16.0		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031096	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-09 10:56 (-17)	33.2		25.1 - 36.5
		Day 29	2020-07-27 11:28 (32)	26.2		25.1 - 36.5
		Day 57	2020-08-24 09:27 (29)	31.7		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-09 10:56 (-17)	20		10 - 33
		Day 29	2020-07-27 11:28 (32)	17		10 - 33
		Day 57	2020-08-24 09:27 (29)	16		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-09 10:56 (-17)	51		30 - 115
		Day 29	2020-07-27 11:28 (32)	49		30 - 115
		Day 57	2020-08-24 09:27 (29)	55		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-09 10:56 (-17)	25		10 - 36
		Day 29	2020-07-27 11:28 (32)	21		10 - 36
		Day 57	2020-08-24 09:27 (29)	18		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031096	Basophils (10^9/L)	Screening	2020-06-09 10:56 (-17)	0.03		0 - 0.3
		Day 29	2020-07-27 11:28 (32)	0.06		0 - 0.3
		Day 57	2020-08-24 09:27 (29)	0.05		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-09 10:56 (-17)	0.5		0 - 3
		Day 29	2020-07-27 11:28 (32)	1.1		0 - 3
		Day 57	2020-08-24 09:27 (29)	0.7		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-09 10:56 (-17)	16.6		- 18.8
		Day 29	2020-07-27 11:28 (32)	11.3		- 18.8
		Day 57	2020-08-24 09:27 (29)	9.9		- 18.8
	Creatinine (umol/L)	Screening	2020-06-09 10:56 (-17)	62		62 - 124
		Day 29	2020-07-27 11:28 (32)	62		62 - 124
		Day 57	2020-08-24 09:27 (29)	62		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031096	Direct Bilirubin (umol/L)	Screening	2020-06-09 10:56 (-17)	3.9		0 - 6.8
		Day 29	2020-07-27 11:28 (32)	<3.4		0 - 6.8
		Day 57	2020-08-24 09:27 (29)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-09 10:56 (-17)	0.12		0 - 0.8
		Day 29	2020-07-27 11:28 (32)	0.11		0 - 0.8
		Day 57	2020-08-24 09:27 (29)	0.17		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-09 10:56 (-17)	2.0		0 - 7
		Day 29	2020-07-27 11:28 (32)	2.0		0 - 7
		Day 57	2020-08-24 09:27 (29)	2.5		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-09 10:56 (-17)	4.55		3.7 - 5.2
		Day 29	2020-07-27 11:28 (32)	4.43		3.7 - 5.2
		Day 57	2020-08-24 09:27 (29)	4.39		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031096	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-09 10:56 (-17)	67.6 (H)		1.7 - 21.5
	Hematocrit (L/L)	Screening	2020-06-09 10:56 (-17)	0.465		0.33 - 0.47
		Day 29	2020-07-27 11:28 (32)	0.470		0.33 - 0.47
		Day 57	2020-08-24 09:27 (29)	0.469		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-09 10:56 (-17)	148		110 - 155
		Day 29	2020-07-27 11:28 (32)	145	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-24 09:27 (29)	143	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-09 10:56 (-17)	<0.03		0 - 0.07
		Day 29	2020-07-27 11:28 (32)	<0.03		0 - 0.07
		Day 57	2020-08-24 09:27 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-09 10:56 (-17)	0.2		0 - 1
		Day 29	2020-07-27 11:28 (32)	0.2		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031096	Immature Granulocytes/Leukocytes (%)	Day 57	2020-08-24 09:27 (29)	0.1		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-09 10:56 (-17)	6.06		3.7 - 11
		Day 29	2020-07-27 11:28 (32)	5.56		3.7 - 11
		Day 57	2020-08-24 09:27 (29)	6.71		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-09 10:56 (-17)	1.42		0.9 - 3.6
		Day 29	2020-07-27 11:28 (32)	1.27		0.9 - 3.6
		Day 57	2020-08-24 09:27 (29)	1.63		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-09 10:56 (-17)	23.4		12 - 46
		Day 29	2020-07-27 11:28 (32)	22.8		12 - 46
		Day 57	2020-08-24 09:27 (29)	24.3		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-09 10:56 (-17)	0.58		0 - 1.2
		Day 29	2020-07-27 11:28 (32)	0.43		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031096	Monocytes (10^9/L)	Day 57	2020-08-24 09:27 (29)	0.55		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-09 10:56 (-17)	9.6		0 - 11
		Day 29	2020-07-27 11:28 (32)	7.7		0 - 11
		Day 57	2020-08-24 09:27 (29)	8.2		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-09 10:56 (-17)	3.90		1.7 - 7.9
		Day 29	2020-07-27 11:28 (32)	3.68		1.7 - 7.9
		Day 57	2020-08-24 09:27 (29)	4.30		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-09 10:56 (-17)	64.3		34 - 71
		Day 29	2020-07-27 11:28 (32)	66.2		34 - 71
		Day 57	2020-08-24 09:27 (29)	64.2		34 - 71
	Platelets (10^9/L)	Screening	2020-06-09 10:56 (-17)	249		163 - 375
		Day 29	2020-07-27 11:28 (32)	241		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031096	Platelets (10^9/L)	Day 57	2020-08-24 09:27 (29)	246		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-09 10:56 (-17)	1.0		0.9 - 1.1
		Day 29	2020-07-27 11:28 (32)	0.9		0.9 - 1.1
		Day 57	2020-08-24 09:27 (29)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-09 10:56 (-17)	11.2		9.4 - 12.5
		Day 29	2020-07-27 11:28 (32)	10.4		9.4 - 12.5
		Day 57	2020-08-24 09:27 (29)	10.6		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-09 10:56 (-17)	4.64		1.78 - 7.14
		Day 29	2020-07-27 11:28 (32)	4.64		1.78 - 7.14
		Day 57	2020-08-24 09:27 (29)	5.71		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-09 10:56 (-17)	18.6		7.8 - 26.7
		Day 29	2020-07-27 11:28 (32)	18.6		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031096	Urea Nitrogen/Creatinine	Day 57	2020-08-24 09:27 (29)	22.9		7.8 - 26.7
US2031104	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-10 09:00 (-16)	34.8		25.1 - 36.5
		Day 29	2020-07-31 12:26 (36)	31.7		25.1 - 36.5
		Day 57	2020-08-25 08:38 (26)	30.4		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-10 09:00 (-16)	23		10 - 33
		Day 29	2020-07-31 12:26 (36)	17		10 - 33
		Day 57	2020-08-25 08:38 (26)	15		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-10 09:00 (-16)	98		30 - 115
		Day 29	2020-07-31 12:26 (36)	107		30 - 115
		Day 57	2020-08-25 08:38 (26)	92		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-10 09:00 (-16)	24		10 - 36
		Day 29	2020-07-31 12:26 (36)	23		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031104	Aspartate Aminotransferase (U/L)	Day 57	2020-08-25 08:38 (26)	18		10 - 36
	Basophils (10^9/L)	Screening	2020-06-10 09:00 (-16)	0.10		0 - 0.3
		Day 29	2020-07-31 12:26 (36)	0.11		0 - 0.3
		Day 57	2020-08-25 08:38 (26)	0.09		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-10 09:00 (-16)	1.5		0 - 3
		Day 29	2020-07-31 12:26 (36)	1.7		0 - 3
		Day 57	2020-08-25 08:38 (26)	1.5		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-10 09:00 (-16)	8.4		- 18.8
		Day 29	2020-07-31 12:26 (36)	7.9		- 18.8
		Day 57	2020-08-25 08:38 (26)	7.4		- 18.8
	Creatinine (umol/L)	Screening	2020-06-10 09:00 (-16)	71		62 - 124
		Day 29	2020-07-31 12:26 (36)	71		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031104	Creatinine (umol/L)	Day 57	2020-08-25 08:38 (26)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-10 09:00 (-16)	<3.4		0 - 6.8
		Day 29	2020-07-31 12:26 (36)	<3.4		0 - 6.8
		Day 57	2020-08-25 08:38 (26)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-10 09:00 (-16)	0.12		0 - 0.8
		Day 29	2020-07-31 12:26 (36)	0.15		0 - 0.8
		Day 57	2020-08-25 08:38 (26)	0.13		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-10 09:00 (-16)	1.8		0 - 7
		Day 29	2020-07-31 12:26 (36)	2.3		0 - 7
		Day 57	2020-08-25 08:38 (26)	2.2		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-10 09:00 (-16)	4.60		3.7 - 5.2
		Day 29	2020-07-31 12:26 (36)	4.70		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031104	Erythrocytes (10^12/L)	Day 57	2020-08-25 08:38 (26)	4.43		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-10 09:00 (-16)	0.476 (H)		0.33 - 0.47
		Day 29	2020-07-31 12:26 (36)	0.492 (H)		0.33 - 0.47
		Day 57	2020-08-25 08:38 (26)	0.487 (H)		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-10 09:00 (-16)	145		110 - 155
		Day 29	2020-07-31 12:26 (36)	151		110 - 155
		Day 57	2020-08-25 08:38 (26)	142	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-10 09:00 (-16)	<0.03		0 - 0.07
		Day 29	2020-07-31 12:26 (36)	<0.03		0 - 0.07
		Day 57	2020-08-25 08:38 (26)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-10 09:00 (-16)	0.3		0 - 1
		Day 29	2020-07-31 12:26 (36)	0.2		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031104	Immature Granulocytes/Leukocytes (%)	Day 57	2020-08-25 08:38 (26)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-10 09:00 (-16)	6.52		3.7 - 11
		Day 29	2020-07-31 12:26 (36)	6.52		3.7 - 11
		Day 57	2020-08-25 08:38 (26)	5.93		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-10 09:00 (-16)	1.38		0.9 - 3.6
		Day 29	2020-07-31 12:26 (36)	1.89		0.9 - 3.6
		Day 57	2020-08-25 08:38 (26)	1.18		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-10 09:00 (-16)	21.2		12 - 46
		Day 29	2020-07-31 12:26 (36)	29.0		12 - 46
		Day 57	2020-08-25 08:38 (26)	19.9		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-10 09:00 (-16)	0.42		0 - 1.2
		Day 29	2020-07-31 12:26 (36)	0.50		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031104	Monocytes (10^9/L)	Day 57	2020-08-25 08:38 (26)	0.40		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-10 09:00 (-16)	6.4		0 - 11
		Day 29	2020-07-31 12:26 (36)	7.7		0 - 11
		Day 57	2020-08-25 08:38 (26)	6.7		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-10 09:00 (-16)	4.48		1.7 - 7.9
		Day 29	2020-07-31 12:26 (36)	3.86		1.7 - 7.9
		Day 57	2020-08-25 08:38 (26)	4.12		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-10 09:00 (-16)	68.8		34 - 71
		Day 29	2020-07-31 12:26 (36)	59.1		34 - 71
		Day 57	2020-08-25 08:38 (26)	69.5		34 - 71
	Platelets (10^9/L)	Screening	2020-06-10 09:00 (-16)	270		163 - 375
		Day 29	2020-07-31 12:26 (36)	285		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031104	Platelets (10^9/L)	Day 57	2020-08-25 08:38 (26)	236		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-10 09:00 (-16)	0.9		0.9 - 1.1
		Day 29	2020-07-31 12:26 (36)	0.9		0.9 - 1.1
		Day 57	2020-08-25 08:38 (26)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-10 09:00 (-16)	10.7		9.4 - 12.5
		Day 29	2020-07-31 12:26 (36)	11.2		9.4 - 12.5
		Day 57	2020-08-25 08:38 (26)	11.3		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-10 09:00 (-16)	4.28		1.78 - 7.14
		Day 29	2020-07-31 12:26 (36)	5.35		1.78 - 7.14
		Day 57	2020-08-25 08:38 (26)	6.78		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-10 09:00 (-16)	15.0		7.8 - 26.7
		Day 29	2020-07-31 12:26 (36)	18.8		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031104	Urea Nitrogen/Creatinine	Day 57	2020-08-25 08:38 (26)	23.8		7.8 - 26.7
US2031105	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-10 11:23 (-16)	32.8		25.1 - 36.5
		Day 29	2020-07-28 08:12 (33)	27.0		25.1 - 36.5
		Day 57	2020-08-24 08:00 (28)	28.8		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-10 11:23 (-16)	25		10 - 33
		Day 29	2020-07-28 08:12 (33)	22		10 - 33
		Day 57	2020-08-24 08:00 (28)	25		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-10 11:23 (-16)	79		30 - 115
		Day 29	2020-07-28 08:12 (33)	75		30 - 115
		Day 57	2020-08-24 08:00 (28)	77		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-10 11:23 (-16)	27		10 - 36
		Day 29	2020-07-28 08:12 (33)	24		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031105	Aspartate Aminotransferase (U/L)	Day 57	2020-08-24 08:00 (28)	25		10 - 36
	Basophils (10^9/L)	Screening	2020-06-10 11:23 (-16)	0.04		0 - 0.3
		Day 29	2020-07-28 08:12 (33)	0.05		0 - 0.3
		Day 57	2020-08-24 08:00 (28)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-10 11:23 (-16)	0.6		0 - 3
		Day 29	2020-07-28 08:12 (33)	0.7		0 - 3
		Day 57	2020-08-24 08:00 (28)	0.6		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-10 11:23 (-16)	15.2		- 18.8
		Day 29	2020-07-28 08:12 (33)	6.8		- 18.8
		Day 57	2020-08-24 08:00 (28)	3.2		- 18.8
	Creatinine (umol/L)	Screening	2020-06-10 11:23 (-16)	53 (L)		62 - 124
		Day 29	2020-07-28 08:12 (33)	62		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031105	Creatinine (umol/L)	Day 57	2020-08-24 08:00 (28)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-10 11:23 (-16)	<3.4		0 - 6.8
		Day 29	2020-07-28 08:12 (33)	<3.4		0 - 6.8
		Day 57	2020-08-24 08:00 (28)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-10 11:23 (-16)	0.13		0 - 0.8
		Day 29	2020-07-28 08:12 (33)	0.09		0 - 0.8
		Day 57	2020-08-24 08:00 (28)	0.13		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-10 11:23 (-16)	1.8		0 - 7
		Day 29	2020-07-28 08:12 (33)	1.2		0 - 7
		Day 57	2020-08-24 08:00 (28)	2.0		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-10 11:23 (-16)	4.83		3.7 - 5.2
		Day 29	2020-07-28 08:12 (33)	4.79		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031105	Erythrocytes (10^12/L)	Day 57	2020-08-24 08:00 (28)	4.55		3.7 - 5.2
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-10 11:23 (-16)	122.4 (H)		1.7 - 21.5
	Hematocrit (L/L)	Screening	2020-06-10 11:23 (-16)	0.459		0.33 - 0.47
		Day 29	2020-07-28 08:12 (33)	0.465		0.33 - 0.47
		Day 57	2020-08-24 08:00 (28)	0.442		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-10 11:23 (-16)	138		110 - 155
		Day 29	2020-07-28 08:12 (33)	134	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-24 08:00 (28)	129	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-10 11:23 (-16)	<0.03		0 - 0.07
		Day 29	2020-07-28 08:12 (33)	<0.03		0 - 0.07
		Day 57	2020-08-24 08:00 (28)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-10 11:23 (-16)	0.3		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031105	Immature Granulocytes/Leukocytes (%)	Day 29	2020-07-28 08:12 (33)	0.3		0 - 1
		Day 57	2020-08-24 08:00 (28)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-10 11:23 (-16)	7.07		3.7 - 11
		Day 29	2020-07-28 08:12 (33)	7.22		3.7 - 11
		Day 57	2020-08-24 08:00 (28)	6.59		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-10 11:23 (-16)	2.94		0.9 - 3.6
		Day 29	2020-07-28 08:12 (33)	2.85		0.9 - 3.6
		Day 57	2020-08-24 08:00 (28)	2.69		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-10 11:23 (-16)	41.6		12 - 46
		Day 29	2020-07-28 08:12 (33)	39.5		12 - 46
		Day 57	2020-08-24 08:00 (28)	40.8		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-10 11:23 (-16)	0.41		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031105	Monocytes (10^9/L)	Day 29	2020-07-28 08:12 (33)	0.44		0 - 1.2
		Day 57	2020-08-24 08:00 (28)	0.38		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-10 11:23 (-16)	5.8		0 - 11
		Day 29	2020-07-28 08:12 (33)	6.1		0 - 11
		Day 57	2020-08-24 08:00 (28)	5.8		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-10 11:23 (-16)	3.53		1.7 - 7.9
		Day 29	2020-07-28 08:12 (33)	3.77		1.7 - 7.9
		Day 57	2020-08-24 08:00 (28)	3.33		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-10 11:23 (-16)	49.9		34 - 71
		Day 29	2020-07-28 08:12 (33)	52.2		34 - 71
		Day 57	2020-08-24 08:00 (28)	50.5		34 - 71
	Platelets (10^9/L)	Screening	2020-06-10 11:23 (-16)	341		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031105	Platelets (10^9/L)	Day 29	2020-07-28 08:12 (33)	354		163 - 375
		Day 57	2020-08-24 08:00 (28)	329		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-10 11:23 (-16)	0.9		0.9 - 1.1
		Day 29	2020-07-28 08:12 (33)	0.9		0.9 - 1.1
		Day 57	2020-08-24 08:00 (28)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-10 11:23 (-16)	10.9		9.4 - 12.5
		Day 29	2020-07-28 08:12 (33)	11.1		9.4 - 12.5
		Day 57	2020-08-24 08:00 (28)	10.6		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-10 11:23 (-16)	6.43		1.78 - 7.14
		Day 29	2020-07-28 08:12 (33)	7.14		1.78 - 7.14
		Day 57	2020-08-24 08:00 (28)	4.64		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-10 11:23 (-16)	30.0 (H)		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031105	Urea Nitrogen/Creatinine	Day 29	2020-07-28 08:12 (33)	28.6 (H)		7.8 - 26.7
		Day 57	2020-08-24 08:00 (28)	21.7		7.8 - 26.7
US2031106	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-10 14:10 (-16)	33.0		25.1 - 36.5
		Unscheduled	2020-08-07 12:07 (10)	36.2		25.1 - 36.5
		Day 57	2020-08-27 11:15 (30)	28.6		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-10 14:10 (-16)	16		10 - 33
		Day 29	2020-07-29 16:34 (34)	14		10 - 33
		Day 57	2020-08-27 11:15 (30)	16		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-10 14:10 (-16)	106		30 - 115
		Day 29	2020-07-29 16:34 (34)	99		30 - 115
		Day 57	2020-08-27 11:15 (30)	85		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-10 14:10 (-16)	16		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031106	Aspartate Aminotransferase (U/L)	Day 29	2020-07-29 16:34 (34)	18		10 - 36
		Day 57	2020-08-27 11:15 (30)	16		10 - 36
	Basophils (10^9/L)	Screening	2020-06-10 14:10 (-16)	0.07		0 - 0.3
		Day 29	2020-07-29 16:34 (34)	0.08		0 - 0.3
		Day 57	2020-08-27 11:15 (30)	0.06		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-10 14:10 (-16)	0.8		0 - 3
		Day 29	2020-07-29 16:34 (34)	0.8		0 - 3
		Day 57	2020-08-27 11:15 (30)	0.7		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-10 14:10 (-16)	3.1		- 18.8
		Day 29	2020-07-29 16:34 (34)	2.9		- 18.8
		Day 57	2020-08-27 11:15 (30)	3.9		- 18.8
	Creatinine (umol/L)	Screening	2020-06-10 14:10 (-16)	35 (L)		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031106	Creatinine (umol/L)	Day 29	2020-07-29 16:34 (34)	44 (L)		62 - 124
		Day 57	2020-08-27 11:15 (30)	44 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-10 14:10 (-16)	<3.4		0 - 6.8
		Day 29	2020-07-29 16:34 (34)	<3.4		0 - 6.8
		Day 57	2020-08-27 11:15 (30)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-10 14:10 (-16)	0.36		0 - 0.8
		Day 29	2020-07-29 16:34 (34)	0.28		0 - 0.8
		Day 57	2020-08-27 11:15 (30)	0.24		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-10 14:10 (-16)	4.1		0 - 7
		Day 29	2020-07-29 16:34 (34)	3.0		0 - 7
		Day 57	2020-08-27 11:15 (30)	2.9		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-10 14:10 (-16)	5.02		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031106	Erythrocytes (10^12/L)	Day 29	2020-07-29 16:34 (34)	4.93		3.7 - 5.2
		Day 57	2020-08-27 11:15 (30)	4.74		3.7 - 5.2
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-10 14:10 (-16)	76.5 (H)		1.7 - 21.5
	Hematocrit (L/L)	Screening	2020-06-10 14:10 (-16)	0.482 (H)		0.33 - 0.47
		Day 29	2020-07-29 16:34 (34)	0.474 (H)		0.33 - 0.47
		Day 57	2020-08-27 11:15 (30)	0.474 (H)		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-10 14:10 (-16)	152		110 - 155
		Day 29	2020-07-29 16:34 (34)	154		110 - 155
		Day 57	2020-08-27 11:15 (30)	148	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-10 14:10 (-16)	<0.03		0 - 0.07
		Day 29	2020-07-29 16:34 (34)	0.03		0 - 0.07
		Day 57	2020-08-27 11:15 (30)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031106	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-10 14:10 (-16)	0.2		0 - 1
		Day 29	2020-07-29 16:34 (34)	0.3		0 - 1
		Day 57	2020-08-27 11:15 (30)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-10 14:10 (-16)	8.83		3.7 - 11
		Day 29	2020-07-29 16:34 (34)	9.43		3.7 - 11
		Day 57	2020-08-27 11:15 (30)	8.31		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-10 14:10 (-16)	2.61		0.9 - 3.6
		Day 29	2020-07-29 16:34 (34)	3.01		0.9 - 3.6
		Day 57	2020-08-27 11:15 (30)	2.59		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-10 14:10 (-16)	29.6		12 - 46
		Day 29	2020-07-29 16:34 (34)	31.9		12 - 46
		Day 57	2020-08-27 11:15 (30)	31.2		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031106	Monocytes (10^9/L)	Screening	2020-06-10 14:10 (-16)	0.60		0 - 1.2
		Day 29	2020-07-29 16:34 (34)	0.69		0 - 1.2
		Day 57	2020-08-27 11:15 (30)	0.50		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-10 14:10 (-16)	6.8		0 - 11
		Day 29	2020-07-29 16:34 (34)	7.3		0 - 11
		Day 57	2020-08-27 11:15 (30)	6.0		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-10 14:10 (-16)	5.17		1.7 - 7.9
		Day 29	2020-07-29 16:34 (34)	5.34		1.7 - 7.9
		Day 57	2020-08-27 11:15 (30)	4.90		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-10 14:10 (-16)	58.5		34 - 71
		Day 29	2020-07-29 16:34 (34)	56.7		34 - 71
		Day 57	2020-08-27 11:15 (30)	59.0		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031106	Platelets (10^9/L)	Screening	2020-06-10 14:10 (-16)	311		163 - 375
		Day 29	2020-07-29 16:34 (34)	317		163 - 375
		Day 57	2020-08-27 11:15 (30)	275		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-10 14:10 (-16)	1.0		0.9 - 1.1
		Day 29	2020-07-29 16:34 (34)	1.6 (H)		0.9 - 1.1
		Unscheduled	2020-08-07 12:07 (10)	1.1		0.9 - 1.1
		Day 57	2020-08-27 11:15 (30)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-10 14:10 (-16)	11.4		9.4 - 12.5
		Day 29	2020-07-29 16:34 (34)	20.2 (H)	G4 Prothrombin Time Increased	9.4 - 12.5
		Unscheduled	2020-08-07 12:07 (10)	13.0 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
		Day 57	2020-08-27 11:15 (30)	12.3		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-10 14:10 (-16)	4.28		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031106	Urea Nitrogen (mmol/L)	Day 29	2020-07-29 16:34 (34)	5.00		1.78 - 7.14
		Day 57	2020-08-27 11:15 (30)	4.64		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-10 14:10 (-16)	30.0 (H)		7.8 - 26.7
		Day 29	2020-07-29 16:34 (34)	28.0 (H)		7.8 - 26.7
		Day 57	2020-08-27 11:15 (30)	26.0		7.8 - 26.7
US2031107	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-10 14:30 (-19)	28.1		25.1 - 36.5
		Day 29	2020-07-27 12:15 (29)	26.5		25.1 - 36.5
		Day 57	2020-09-02 08:18 (38)	19.2 (L)		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-10 14:30 (-19)	18		10 - 33
		Day 29	2020-07-27 12:15 (29)	15		10 - 33
		Day 57	2020-09-02 08:18 (38)	15		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-10 14:30 (-19)	69		30 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031107	Alkaline Phosphatase (U/L)	Day 29	2020-07-27 12:15 (29)	66		30 - 115
		Day 57	2020-09-02 08:18 (38)	66		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-10 14:30 (-19)	19		10 - 36
		Day 29	2020-07-27 12:15 (29)	19		10 - 36
		Day 57	2020-09-02 08:18 (38)	14		10 - 36
	Basophils (10^9/L)	Screening	2020-06-10 14:30 (-19)	0.06		0 - 0.3
		Day 29	2020-07-27 12:15 (29)	0.06		0 - 0.3
		Day 57	2020-09-02 08:18 (38)	0.06		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-10 14:30 (-19)	0.8		0 - 3
		Day 29	2020-07-27 12:15 (29)	0.9		0 - 3
		Day 57	2020-09-02 08:18 (38)	1.0		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-10 14:30 (-19)	4.3		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031107	Bilirubin (umol/L)	Day 29	2020-07-27 12:15 (29)	3.1		- 18.8
		Day 57	2020-09-02 08:18 (38)	6.7		- 18.8
	Creatinine (umol/L)	Screening	2020-06-10 14:30 (-19)	71		62 - 124
		Day 29	2020-07-27 12:15 (29)	62		62 - 124
		Day 57	2020-09-02 08:18 (38)	80		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-10 14:30 (-19)	<3.4		0 - 6.8
		Day 29	2020-07-27 12:15 (29)	<3.4		0 - 6.8
		Day 57	2020-09-02 08:18 (38)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-10 14:30 (-19)	0.12		0 - 0.8
		Day 29	2020-07-27 12:15 (29)	0.10		0 - 0.8
		Day 57	2020-09-02 08:18 (38)	0.12		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-10 14:30 (-19)	1.6		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031107	Eosinophils/Leukocytes (%)	Day 29	2020-07-27 12:15 (29)	1.5		0 - 7
		Day 57	2020-09-02 08:18 (38)	1.9		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-10 14:30 (-19)	4.33		3.7 - 5.2
		Day 29	2020-07-27 12:15 (29)	4.40		3.7 - 5.2
		Day 57	2020-09-02 08:18 (38)	4.27		3.7 - 5.2
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-10 14:30 (-19)	106.0 (H)		1.7 - 21.5
	Hematocrit (L/L)	Screening	2020-06-10 14:30 (-19)	0.425		0.33 - 0.47
		Day 29	2020-07-27 12:15 (29)	0.453		0.33 - 0.47
		Day 57	2020-09-02 08:18 (38)	0.430		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-10 14:30 (-19)	138		110 - 155
		Day 29	2020-07-27 12:15 (29)	142		110 - 155
		Day 57	2020-09-02 08:18 (38)	134	G1 Hemoglobin Decreased	110 - 155

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031107	Immature Granulocytes (10^9/L)	Screening	2020-06-10 14:30 (-19)	<0.03		0 - 0.07
		Day 29	2020-07-27 12:15 (29)	<0.03		0 - 0.07
		Day 57	2020-09-02 08:18 (38)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-10 14:30 (-19)	0.1		0 - 1
		Day 29	2020-07-27 12:15 (29)	0.2		0 - 1
		Day 57	2020-09-02 08:18 (38)	0.0		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-10 14:30 (-19)	7.50		3.7 - 11
		Day 29	2020-07-27 12:15 (29)	6.48		3.7 - 11
		Day 57	2020-09-02 08:18 (38)	6.29		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-10 14:30 (-19)	2.65		0.9 - 3.6
		Day 29	2020-07-27 12:15 (29)	2.48		0.9 - 3.6
		Day 57	2020-09-02 08:18 (38)	2.13		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031107	Lymphocytes/Leukocytes (%)	Screening	2020-06-10 14:30 (-19)	35.3		12 - 46
		Day 29	2020-07-27 12:15 (29)	38.3		12 - 46
		Day 57	2020-09-02 08:18 (38)	33.9		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-10 14:30 (-19)	0.52		0 - 1.2
		Day 29	2020-07-27 12:15 (29)	0.43		0 - 1.2
		Day 57	2020-09-02 08:18 (38)	0.54		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-10 14:30 (-19)	6.9		0 - 11
		Day 29	2020-07-27 12:15 (29)	6.6		0 - 11
		Day 57	2020-09-02 08:18 (38)	8.6		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-10 14:30 (-19)	4.14		1.7 - 7.9
		Day 29	2020-07-27 12:15 (29)	3.40		1.7 - 7.9
		Day 57	2020-09-02 08:18 (38)	3.44		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031107	Neutrophils/Leukocytes (%)	Screening	2020-06-10 14:30 (-19)	55.3		34 - 71
		Day 29	2020-07-27 12:15 (29)	52.5		34 - 71
		Day 57	2020-09-02 08:18 (38)	54.6		34 - 71
	Platelets (10^9/L)	Screening	2020-06-10 14:30 (-19)	263		163 - 375
		Day 29	2020-07-27 12:15 (29)	260		163 - 375
		Day 57	2020-09-02 08:18 (38)	264		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-10 14:30 (-19)	0.9		0.9 - 1.1
		Day 29	2020-07-27 12:15 (29)	0.8 (L)		0.9 - 1.1
		Day 57	2020-09-02 08:18 (38)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-10 14:30 (-19)	10.7		9.4 - 12.5
		Day 29	2020-07-27 12:15 (29)	10.1		9.4 - 12.5
		Day 57	2020-09-02 08:18 (38)	11.4		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031107	Urea Nitrogen (mmol/L)	Screening	2020-06-10 14:30 (-19)	6.43		1.78 - 7.14
		Day 29	2020-07-27 12:15 (29)	3.93		1.78 - 7.14
		Day 57	2020-09-02 08:18 (38)	5.71		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-10 14:30 (-19)	22.5		7.8 - 26.7
		Day 29	2020-07-27 12:15 (29)	15.7		7.8 - 26.7
		Day 57	2020-09-02 08:18 (38)	17.8		7.8 - 26.7
US2031108	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-10 14:49 (-26)	31.3		25.1 - 36.5
		Day 57	2020-08-28 08:12 (26)	28.6		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-10 14:49 (-26)	25		10 - 33
		Day 29	2020-08-03 09:18 (29)	27		10 - 33
		Day 57	2020-08-28 08:12 (26)	22		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-10 14:49 (-26)	71		30 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031108	Alkaline Phosphatase (U/L)	Day 29	2020-08-03 09:18 (29)	69		30 - 115
		Day 57	2020-08-28 08:12 (26)	72		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-10 14:49 (-26)	22		10 - 36
		Day 29	2020-08-03 09:18 (29)	23		10 - 36
		Day 57	2020-08-28 08:12 (26)	19		10 - 36
	Basophils (10^9/L)	Screening	2020-06-10 14:49 (-26)	<0.03		0 - 0.3
		Day 29	2020-08-03 09:18 (29)	<0.03		0 - 0.3
		Day 57	2020-08-28 08:12 (26)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-10 14:49 (-26)	0.4		0 - 3
		Day 29	2020-08-03 09:18 (29)	0.4		0 - 3
		Day 57	2020-08-28 08:12 (26)	0.5		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-10 14:49 (-26)	3.6		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031108	Bilirubin (umol/L)	Day 29	2020-08-03 09:18 (29)	4.4		- 18.8
		Day 57	2020-08-28 08:12 (26)	4.8		- 18.8
	Creatinine (umol/L)	Screening	2020-06-10 14:49 (-26)	35 (L)		62 - 124
		Day 29	2020-08-03 09:18 (29)	44 (L)		62 - 124
		Day 57	2020-08-28 08:12 (26)	35 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-10 14:49 (-26)	<3.4		0 - 6.8
		Day 29	2020-08-03 09:18 (29)	<3.4		0 - 6.8
		Day 57	2020-08-28 08:12 (26)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-10 14:49 (-26)	0.12		0 - 0.8
		Day 29	2020-08-03 09:18 (29)	0.11		0 - 0.8
		Day 57	2020-08-28 08:12 (26)	0.09		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-10 14:49 (-26)	2.1		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031108	Eosinophils/Leukocytes (%)	Day 29	2020-08-03 09:18 (29)	2.3		0 - 7
		Day 57	2020-08-28 08:12 (26)	2.2		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-10 14:49 (-26)	4.62		3.7 - 5.2
		Day 29	2020-08-03 09:18 (29)	4.64		3.7 - 5.2
		Day 57	2020-08-28 08:12 (26)	4.59		3.7 - 5.2
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-10 14:49 (-26)	91.3 (H)		1.7 - 21.5
	Hematocrit (L/L)	Screening	2020-06-10 14:49 (-26)	0.451		0.33 - 0.47
		Day 29	2020-08-03 09:18 (29)	0.460		0.33 - 0.47
		Day 57	2020-08-28 08:12 (26)	0.460		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-10 14:49 (-26)	140		110 - 155
		Day 29	2020-08-03 09:18 (29)	142		110 - 155
		Day 57	2020-08-28 08:12 (26)	139	G1 Hemoglobin Decreased	110 - 155

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031108	Immature Granulocytes (10^9/L)	Screening	2020-06-10 14:49 (-26)	<0.03		0 - 0.07
		Day 29	2020-08-03 09:18 (29)	<0.03		0 - 0.07
		Day 57	2020-08-28 08:12 (26)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-10 14:49 (-26)	0.2		0 - 1
		Day 29	2020-08-03 09:18 (29)	0.0		0 - 1
		Day 57	2020-08-28 08:12 (26)	0.5		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-10 14:49 (-26)	5.65		3.7 - 11
		Day 29	2020-08-03 09:18 (29)	4.78		3.7 - 11
		Day 57	2020-08-28 08:12 (26)	4.08		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-10 14:49 (-26)	1.68		0.9 - 3.6
		Day 29	2020-08-03 09:18 (29)	1.36		0.9 - 3.6
		Day 57	2020-08-28 08:12 (26)	1.23		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031108	Lymphocytes/Leukocytes (%)	Screening	2020-06-10 14:49 (-26)	29.7		12 - 46
		Day 29	2020-08-03 09:18 (29)	28.5		12 - 46
		Day 57	2020-08-28 08:12 (26)	30.1		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-10 14:49 (-26)	0.51		0 - 1.2
		Day 29	2020-08-03 09:18 (29)	0.53		0 - 1.2
		Day 57	2020-08-28 08:12 (26)	0.39		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-10 14:49 (-26)	9.0		0 - 11
		Day 29	2020-08-03 09:18 (29)	11.1 (H)		0 - 11
		Day 57	2020-08-28 08:12 (26)	9.6		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-10 14:49 (-26)	3.31		1.7 - 7.9
		Day 29	2020-08-03 09:18 (29)	2.76		1.7 - 7.9
		Day 57	2020-08-28 08:12 (26)	2.33		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031108	Neutrophils/Leukocytes (%)	Screening	2020-06-10 14:49 (-26)	58.6		34 - 71
		Day 29	2020-08-03 09:18 (29)	57.7		34 - 71
		Day 57	2020-08-28 08:12 (26)	57.1		34 - 71
	Platelets (10^9/L)	Screening	2020-06-10 14:49 (-26)	261		163 - 375
		Day 29	2020-08-03 09:18 (29)	240		163 - 375
		Day 57	2020-08-28 08:12 (26)	274		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-10 14:49 (-26)	0.9		0.9 - 1.1
		Day 57	2020-08-28 08:12 (26)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-10 14:49 (-26)	10.7		9.4 - 12.5
		Day 57	2020-08-28 08:12 (26)	11.3		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-10 14:49 (-26)	3.57		1.78 - 7.14
		Day 29	2020-08-03 09:18 (29)	3.57		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031108	Urea Nitrogen (mmol/L)	Day 57	2020-08-28 08:12 (26)	6.43		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-10 14:49 (-26)	25.0		7.8 - 26.7
		Day 29	2020-08-03 09:18 (29)	20.0		7.8 - 26.7
		Day 57	2020-08-28 08:12 (26)	45.0 (H)		7.8 - 26.7
US2031109	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-10 15:08 (-16)	34.3		25.1 - 36.5
		Day 29	2020-07-27 10:20 (32)	31.9		25.1 - 36.5
		Day 57	2020-08-24 09:11 (29)	31.2		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-10 15:08 (-16)	13		10 - 33
		Day 29	2020-07-27 10:20 (32)	8 (L)		10 - 33
		Day 57	2020-08-24 09:11 (29)	10		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-10 15:08 (-16)	83		30 - 115
		Day 29	2020-07-27 10:20 (32)	80		30 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031109	Alkaline Phosphatase (U/L)	Day 57	2020-08-24 09:11 (29)	80		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-10 15:08 (-16)	20		10 - 36
		Day 29	2020-07-27 10:20 (32)	18		10 - 36
		Day 57	2020-08-24 09:11 (29)	21		10 - 36
	Basophils (10^9/L)	Screening	2020-06-10 15:08 (-16)	0.04		0 - 0.3
		Day 29	2020-07-27 10:20 (32)	0.03		0 - 0.3
		Day 57	2020-08-24 09:11 (29)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-10 15:08 (-16)	0.7		0 - 3
		Day 29	2020-07-27 10:20 (32)	0.8		0 - 3
		Day 57	2020-08-24 09:11 (29)	0.8		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-10 15:08 (-16)	5.8		- 18.8
		Day 29	2020-07-27 10:20 (32)	5.8		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031109	Bilirubin (umol/L)	Day 57	2020-08-24 09:11 (29)	7.0		- 18.8
	Creatinine (umol/L)	Screening	2020-06-10 15:08 (-16)	106		62 - 124
		Day 29	2020-07-27 10:20 (32)	53 (L)		62 - 124
		Day 57	2020-08-24 09:11 (29)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-10 15:08 (-16)	<3.4		0 - 6.8
		Day 29	2020-07-27 10:20 (32)	<3.4		0 - 6.8
		Day 57	2020-08-24 09:11 (29)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-10 15:08 (-16)	0.05		0 - 0.8
		Day 29	2020-07-27 10:20 (32)	0.05		0 - 0.8
		Day 57	2020-08-24 09:11 (29)	0.06		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-10 15:08 (-16)	0.9		0 - 7
		Day 29	2020-07-27 10:20 (32)	1.3		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031109	Eosinophils/Leukocytes (%)	Day 57	2020-08-24 09:11 (29)	1.7		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-10 15:08 (-16)	4.54		3.7 - 5.2
		Day 29	2020-07-27 10:20 (32)	4.18		3.7 - 5.2
		Day 57	2020-08-24 09:11 (29)	4.21		3.7 - 5.2
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-10 15:08 (-16)	88.9 (H)		1.7 - 21.5
	Hematocrit (L/L)	Screening	2020-06-10 15:08 (-16)	0.454		0.33 - 0.47
		Day 29	2020-07-27 10:20 (32)	0.440		0.33 - 0.47
		Day 57	2020-08-24 09:11 (29)	0.438		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-10 15:08 (-16)	142		110 - 155
		Day 29	2020-07-27 10:20 (32)	131	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-24 09:11 (29)	132	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-10 15:08 (-16)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031109	Immature Granulocytes (10^9/L)	Day 29	2020-07-27 10:20 (32)	<0.03		0 - 0.07
		Day 57	2020-08-24 09:11 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-10 15:08 (-16)	0.3		0 - 1
		Day 29	2020-07-27 10:20 (32)	0.0		0 - 1
		Day 57	2020-08-24 09:11 (29)	0.6		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-10 15:08 (-16)	5.82		3.7 - 11
		Day 29	2020-07-27 10:20 (32)	3.78		3.7 - 11
		Day 57	2020-08-24 09:11 (29)	3.54 (L)		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-10 15:08 (-16)	1.67		0.9 - 3.6
		Day 29	2020-07-27 10:20 (32)	1.40		0.9 - 3.6
		Day 57	2020-08-24 09:11 (29)	1.30		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-10 15:08 (-16)	28.7		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031109	Lymphocytes/Leukocytes (%)	Day 29	2020-07-27 10:20 (32)	37.0		12 - 46
		Day 57	2020-08-24 09:11 (29)	36.7		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-10 15:08 (-16)	0.50		0 - 1.2
		Day 29	2020-07-27 10:20 (32)	0.36		0 - 1.2
		Day 57	2020-08-24 09:11 (29)	0.36		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-10 15:08 (-16)	8.6		0 - 11
		Day 29	2020-07-27 10:20 (32)	9.5		0 - 11
		Day 57	2020-08-24 09:11 (29)	10.2		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-10 15:08 (-16)	3.54		1.7 - 7.9
		Day 29	2020-07-27 10:20 (32)	1.94	G1 Neutrophils Decreased	1.7 - 7.9
		Day 57	2020-08-24 09:11 (29)	1.77	G1 Neutrophils Decreased	1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-10 15:08 (-16)	60.8		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031109	Neutrophils/Leukocytes (%)	Day 29	2020-07-27 10:20 (32)	51.4		34 - 71
		Day 57	2020-08-24 09:11 (29)	50.0		34 - 71
	Platelets (10^9/L)	Screening	2020-06-10 15:08 (-16)	305		163 - 375
		Day 29	2020-07-27 10:20 (32)	279		163 - 375
		Day 57	2020-08-24 09:11 (29)	267		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-10 15:08 (-16)	1.0		0.9 - 1.1
		Day 29	2020-07-27 10:20 (32)	1.0		0.9 - 1.1
		Day 57	2020-08-24 09:11 (29)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-10 15:08 (-16)	11.8		9.4 - 12.5
		Day 29	2020-07-27 10:20 (32)	11.5		9.4 - 12.5
		Day 57	2020-08-24 09:11 (29)	11.6		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-10 15:08 (-16)	7.50 (H)		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031109	Urea Nitrogen (mmol/L)	Day 29	2020-07-27 10:20 (32)	6.43		1.78 - 7.14
		Day 57	2020-08-24 09:11 (29)	7.14		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-10 15:08 (-16)	17.5		7.8 - 26.7
		Day 29	2020-07-27 10:20 (32)	30.0 (H)		7.8 - 26.7
		Day 57	2020-08-24 09:11 (29)	33.3 (H)		7.8 - 26.7
US2031114	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-11 08:24 (-20)	33.2		25.1 - 36.5
		Day 29	2020-07-29 08:34 (29)	31.1		25.1 - 36.5
		Day 57	2020-08-27 08:07 (30)	33.3		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-11 08:24 (-20)	13		10 - 33
		Day 29	2020-07-29 08:34 (29)	8 (L)		10 - 33
		Day 57	2020-08-27 08:07 (30)	12		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-11 08:24 (-20)	47		30 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031114	Alkaline Phosphatase (U/L)	Day 29	2020-07-29 08:34 (29)	44		30 - 115
		Day 57	2020-08-27 08:07 (30)	43		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-11 08:24 (-20)	24		10 - 36
		Day 29	2020-07-29 08:34 (29)	19		10 - 36
		Day 57	2020-08-27 08:07 (30)	24		10 - 36
	Basophils (10^9/L)	Screening	2020-06-11 08:24 (-20)	0.03		0 - 0.3
		Day 29	2020-07-29 08:34 (29)	<0.03		0 - 0.3
		Day 57	2020-08-27 08:07 (30)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-11 08:24 (-20)	0.7		0 - 3
		Day 29	2020-07-29 08:34 (29)	0.4		0 - 3
		Day 57	2020-08-27 08:07 (30)	0.7		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-11 08:24 (-20)	8.2		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031114	Bilirubin (umol/L)	Day 29	2020-07-29 08:34 (29)	7.7		- 18.8
		Day 57	2020-08-27 08:07 (30)	7.9		- 18.8
	Creatinine (umol/L)	Screening	2020-06-11 08:24 (-20)	62		62 - 124
		Day 29	2020-07-29 08:34 (29)	62		62 - 124
		Day 57	2020-08-27 08:07 (30)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-11 08:24 (-20)	<3.4		0 - 6.8
		Day 29	2020-07-29 08:34 (29)	<3.4		0 - 6.8
		Day 57	2020-08-27 08:07 (30)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-11 08:24 (-20)	0.10		0 - 0.8
		Day 29	2020-07-29 08:34 (29)	0.13		0 - 0.8
		Day 57	2020-08-27 08:07 (30)	0.13		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-11 08:24 (-20)	2.2		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031114	Eosinophils/Leukocytes (%)	Day 29	2020-07-29 08:34 (29)	2.8		0 - 7
		Day 57	2020-08-27 08:07 (30)	2.9		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-11 08:24 (-20)	4.61		3.7 - 5.2
		Day 29	2020-07-29 08:34 (29)	4.26		3.7 - 5.2
		Day 57	2020-08-27 08:07 (30)	4.17		3.7 - 5.2
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-11 08:24 (-20)	131.7 (H)		1.7 - 21.5
	Hematocrit (L/L)	Screening	2020-06-11 08:24 (-20)	0.456		0.33 - 0.47
		Day 29	2020-07-29 08:34 (29)	0.417		0.33 - 0.47
		Day 57	2020-08-27 08:07 (30)	0.418		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-11 08:24 (-20)	135		110 - 155
		Day 29	2020-07-29 08:34 (29)	126	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-27 08:07 (30)	123	G1 Hemoglobin Decreased	110 - 155

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031114	Immature Granulocytes (10^9/L)	Screening	2020-06-11 08:24 (-20)	<0.03		0 - 0.07
		Day 29	2020-07-29 08:34 (29)	<0.03		0 - 0.07
		Day 57	2020-08-27 08:07 (30)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-11 08:24 (-20)	0.2		0 - 1
		Day 29	2020-07-29 08:34 (29)	0.2		0 - 1
		Day 57	2020-08-27 08:07 (30)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-11 08:24 (-20)	4.58		3.7 - 11
		Day 29	2020-07-29 08:34 (29)	4.70		3.7 - 11
		Day 57	2020-08-27 08:07 (30)	4.44		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-11 08:24 (-20)	1.48		0.9 - 3.6
		Day 29	2020-07-29 08:34 (29)	1.39		0.9 - 3.6
		Day 57	2020-08-27 08:07 (30)	1.36		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031114	Lymphocytes/Leukocytes (%)	Screening	2020-06-11 08:24 (-20)	32.3		12 - 46
		Day 29	2020-07-29 08:34 (29)	29.6		12 - 46
		Day 57	2020-08-27 08:07 (30)	30.6		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-11 08:24 (-20)	0.39		0 - 1.2
		Day 29	2020-07-29 08:34 (29)	0.44		0 - 1.2
		Day 57	2020-08-27 08:07 (30)	0.31		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-11 08:24 (-20)	8.5		0 - 11
		Day 29	2020-07-29 08:34 (29)	9.4		0 - 11
		Day 57	2020-08-27 08:07 (30)	7.0		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-11 08:24 (-20)	2.57		1.7 - 7.9
		Day 29	2020-07-29 08:34 (29)	2.71		1.7 - 7.9
		Day 57	2020-08-27 08:07 (30)	2.60		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031114	Neutrophils/Leukocytes (%)	Screening	2020-06-11 08:24 (-20)	56.1		34 - 71
		Day 29	2020-07-29 08:34 (29)	57.6		34 - 71
		Day 57	2020-08-27 08:07 (30)	58.6		34 - 71
	Platelets (10^9/L)	Screening	2020-06-11 08:24 (-20)	203		163 - 375
		Day 29	2020-07-29 08:34 (29)	182		163 - 375
		Day 57	2020-08-27 08:07 (30)	172		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-11 08:24 (-20)	1.0		0.9 - 1.1
		Day 29	2020-07-29 08:34 (29)	1.0		0.9 - 1.1
		Day 57	2020-08-27 08:07 (30)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-11 08:24 (-20)	12.1		9.4 - 12.5
		Day 29	2020-07-29 08:34 (29)	11.9		9.4 - 12.5
		Day 57	2020-08-27 08:07 (30)	11.9		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031114	Urea Nitrogen (mmol/L)	Screening	2020-06-11 08:24 (-20)	6.78		1.78 - 7.14
		Day 29	2020-07-29 08:34 (29)	6.43		1.78 - 7.14
		Day 57	2020-08-27 08:07 (30)	6.07		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-11 08:24 (-20)	27.1 (H)		7.8 - 26.7
		Day 29	2020-07-29 08:34 (29)	25.7		7.8 - 26.7
		Day 57	2020-08-27 08:07 (30)	21.2		7.8 - 26.7
US2031121	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-12 14:02 (-18)	42.8 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
		Unscheduled	2020-06-16 12:50 (-14)	33.0		25.1 - 36.5
		Day 29	2020-07-28 13:37 (29)	34.1		25.1 - 36.5
		Day 57	2020-08-24 13:23 (28)	33.2		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-12 14:02 (-18)	16		10 - 33

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031121	Alanine Aminotransferase (U/L)	Day 29	2020-07-28 13:37 (29)	15		10 - 33
		Day 57	2020-08-24 13:23 (28)	18		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-12 14:02 (-18)	83		30 - 115
		Day 29	2020-07-28 13:37 (29)	78		30 - 115
		Day 57	2020-08-24 13:23 (28)	80		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-12 14:02 (-18)	21		10 - 36
		Day 29	2020-07-28 13:37 (29)	15		10 - 36
		Day 57	2020-08-24 13:23 (28)	21		10 - 36
	Basophils (10^9/L)	Screening	2020-06-12 14:02 (-18)	0.03		0 - 0.3
		Day 29	2020-07-28 13:37 (29)	0.03		0 - 0.3
		Day 57	2020-08-24 13:23 (28)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-12 14:02 (-18)	0.6		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031121	Basophils/Leukocytes (%)	Day 29	2020-07-28 13:37 (29)	0.5		0 - 3
		Day 57	2020-08-24 13:23 (28)	0.6		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-12 14:02 (-18)	3.8		- 18.8
		Day 29	2020-07-28 13:37 (29)	3.8		- 18.8
		Day 57	2020-08-24 13:23 (28)	4.6		- 18.8
	Creatinine (umol/L)	Screening	2020-06-12 14:02 (-18)	71		62 - 124
		Day 29	2020-07-28 13:37 (29)	80		62 - 124
		Day 57	2020-08-24 13:23 (28)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-12 14:02 (-18)	<3.4		0 - 6.8
		Day 29	2020-07-28 13:37 (29)	<3.4		0 - 6.8
		Day 57	2020-08-24 13:23 (28)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-12 14:02 (-18)	0.07		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031121	Eosinophils (10^9/L)	Day 29	2020-07-28 13:37 (29)	0.08		0 - 0.8
		Day 57	2020-08-24 13:23 (28)	0.13		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-12 14:02 (-18)	1.3		0 - 7
		Day 29	2020-07-28 13:37 (29)	1.4		0 - 7
		Day 57	2020-08-24 13:23 (28)	2.5		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-12 14:02 (-18)	4.39		3.7 - 5.2
		Day 29	2020-07-28 13:37 (29)	4.17		3.7 - 5.2
		Day 57	2020-08-24 13:23 (28)	4.35		3.7 - 5.2
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-12 14:02 (-18)	69.9 (H)		1.7 - 21.5
	Hematocrit (L/L)	Screening	2020-06-12 14:02 (-18)	0.433		0.33 - 0.47
		Day 29	2020-07-28 13:37 (29)	0.405		0.33 - 0.47
		Day 57	2020-08-24 13:23 (28)	0.435		0.33 - 0.47

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031121	Hemoglobin (g/L)	Screening	2020-06-12 14:02 (-18)	135		110 - 155
		Day 29	2020-07-28 13:37 (29)	128	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-24 13:23 (28)	132	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-12 14:02 (-18)	<0.03		0 - 0.07
		Day 29	2020-07-28 13:37 (29)	<0.03		0 - 0.07
		Day 57	2020-08-24 13:23 (28)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-12 14:02 (-18)	0.2		0 - 1
		Day 29	2020-07-28 13:37 (29)	0.2		0 - 1
		Day 57	2020-08-24 13:23 (28)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-12 14:02 (-18)	5.31		3.7 - 11
		Day 29	2020-07-28 13:37 (29)	5.57		3.7 - 11
		Day 57	2020-08-24 13:23 (28)	5.12		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031121	Lymphocytes (10^9/L)	Screening	2020-06-12 14:02 (-18)	1.94		0.9 - 3.6
		Day 29	2020-07-28 13:37 (29)	1.96		0.9 - 3.6
		Day 57	2020-08-24 13:23 (28)	1.64		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-12 14:02 (-18)	36.5		12 - 46
		Day 29	2020-07-28 13:37 (29)	35.2		12 - 46
		Day 57	2020-08-24 13:23 (28)	32.0		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-12 14:02 (-18)	0.48		0 - 1.2
		Day 29	2020-07-28 13:37 (29)	0.49		0 - 1.2
		Day 57	2020-08-24 13:23 (28)	0.37		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-12 14:02 (-18)	9.0		0 - 11
		Day 29	2020-07-28 13:37 (29)	8.8		0 - 11
		Day 57	2020-08-24 13:23 (28)	7.2		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031121	Neutrophils (10^9/L)	Screening	2020-06-12 14:02 (-18)	2.78		1.7 - 7.9
		Day 29	2020-07-28 13:37 (29)	3.00		1.7 - 7.9
		Day 57	2020-08-24 13:23 (28)	2.94		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-12 14:02 (-18)	52.4		34 - 71
		Day 29	2020-07-28 13:37 (29)	53.9		34 - 71
		Day 57	2020-08-24 13:23 (28)	57.5		34 - 71
	Platelets (10^9/L)	Screening	2020-06-12 14:02 (-18)	239		163 - 375
		Day 29	2020-07-28 13:37 (29)	247		163 - 375
		Day 57	2020-08-24 13:23 (28)	228		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-12 14:02 (-18)	0.9		0.9 - 1.1
		Unscheduled	2020-06-16 12:50 (-14)	0.9		0.9 - 1.1
		Day 29	2020-07-28 13:37 (29)	0.9		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031121	Prothrombin Intl. Normalized Ratio	Day 57	2020-08-24 13:23 (28)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-12 14:02 (-18)	11.0		9.4 - 12.5
		Unscheduled	2020-06-16 12:50 (-14)	11.0		9.4 - 12.5
		Day 29	2020-07-28 13:37 (29)	10.7		9.4 - 12.5
		Day 57	2020-08-24 13:23 (28)	11.6		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-12 14:02 (-18)	6.07		1.78 - 7.14
		Day 29	2020-07-28 13:37 (29)	6.78		1.78 - 7.14
		Day 57	2020-08-24 13:23 (28)	6.07		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-12 14:02 (-18)	21.2		7.8 - 26.7
		Day 29	2020-07-28 13:37 (29)	21.1		7.8 - 26.7
		Day 57	2020-08-24 13:23 (28)	24.3		7.8 - 26.7
US2031128	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-23 13:54 (-8)	29.6		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031128	Activated Partial Thromboplastin Time (sec)	Day 29	2020-07-29 12:44 (29)	24.0 (L)		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-23 13:54 (-8)	14		10 - 33
		Day 29	2020-07-29 12:44 (29)	11		10 - 33
		Day 57	2020-08-26 13:21 (29)	15		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-23 13:54 (-8)	63		30 - 115
		Day 29	2020-07-29 12:44 (29)	67		30 - 115
		Day 57	2020-08-26 13:21 (29)	66		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-23 13:54 (-8)	29		10 - 36
		Day 29	2020-07-29 12:44 (29)	28		10 - 36
		Day 57	2020-08-26 13:21 (29)	25		10 - 36
	Basophils (10^9/L)	Screening	2020-06-23 13:54 (-8)	<0.03		0 - 0.3
		Day 29	2020-07-29 12:44 (29)	0.03		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031128	Basophils (10^9/L)	Day 57	2020-08-26 13:21 (29)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-23 13:54 (-8)	0.3		0 - 3
		Day 29	2020-07-29 12:44 (29)	0.4		0 - 3
		Day 57	2020-08-26 13:21 (29)	0.3		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-23 13:54 (-8)	9.2		- 18.8
		Day 29	2020-07-29 12:44 (29)	7.5		- 18.8
		Day 57	2020-08-26 13:21 (29)	8.0		- 18.8
	Creatinine (umol/L)	Screening	2020-06-23 13:54 (-8)	53 (L)		62 - 124
		Day 29	2020-07-29 12:44 (29)	53 (L)		62 - 124
		Day 57	2020-08-26 13:21 (29)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-23 13:54 (-8)	<3.4		0 - 6.8
		Day 29	2020-07-29 12:44 (29)	<3.4		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031128	Direct Bilirubin (umol/L)	Day 57	2020-08-26 13:21 (29)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-23 13:54 (-8)	0.12		0 - 0.8
		Day 29	2020-07-29 12:44 (29)	0.18		0 - 0.8
		Day 57	2020-08-26 13:21 (29)	0.16		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-23 13:54 (-8)	1.7		0 - 7
		Day 29	2020-07-29 12:44 (29)	2.5		0 - 7
		Day 57	2020-08-26 13:21 (29)	2.1		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-23 13:54 (-8)	4.61		3.7 - 5.2
		Day 29	2020-07-29 12:44 (29)	4.55		3.7 - 5.2
		Day 57	2020-08-26 13:21 (29)	4.40		3.7 - 5.2
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-23 13:54 (-8)	61.1 (H)		1.7 - 21.5
	Hematocrit (L/L)	Screening	2020-06-23 13:54 (-8)	0.437		0.33 - 0.47

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031128	Hematocrit (L/L)	Day 29	2020-07-29 12:44 (29)	0.451		0.33 - 0.47
		Day 57	2020-08-26 13:21 (29)	0.452		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-23 13:54 (-8)	138		110 - 155
		Day 29	2020-07-29 12:44 (29)	138		110 - 155
		Day 57	2020-08-26 13:21 (29)	132	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-23 13:54 (-8)	<0.03		0 - 0.07
		Day 29	2020-07-29 12:44 (29)	0.03		0 - 0.07
		Day 57	2020-08-26 13:21 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-23 13:54 (-8)	0.3		0 - 1
		Day 29	2020-07-29 12:44 (29)	0.4		0 - 1
		Day 57	2020-08-26 13:21 (29)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-23 13:54 (-8)	7.24		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031128	Leukocytes (10^9/L)	Day 29	2020-07-29 12:44 (29)	7.23		3.7 - 11
		Day 57	2020-08-26 13:21 (29)	7.75		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-23 13:54 (-8)	2.29		0.9 - 3.6
		Day 29	2020-07-29 12:44 (29)	2.17		0.9 - 3.6
		Day 57	2020-08-26 13:21 (29)	2.64		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-23 13:54 (-8)	31.6		12 - 46
		Day 29	2020-07-29 12:44 (29)	30.0		12 - 46
		Day 57	2020-08-26 13:21 (29)	34.1		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-23 13:54 (-8)	0.46		0 - 1.2
		Day 29	2020-07-29 12:44 (29)	0.60		0 - 1.2
		Day 57	2020-08-26 13:21 (29)	0.55		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-23 13:54 (-8)	6.4		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031128	Monocytes/Leukocytes (%)	Day 29	2020-07-29 12:44 (29)	8.3		0 - 11
		Day 57	2020-08-26 13:21 (29)	7.1		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-23 13:54 (-8)	4.33		1.7 - 7.9
		Day 29	2020-07-29 12:44 (29)	4.22		1.7 - 7.9
		Day 57	2020-08-26 13:21 (29)	4.36		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-23 13:54 (-8)	59.7		34 - 71
		Day 29	2020-07-29 12:44 (29)	58.4		34 - 71
		Day 57	2020-08-26 13:21 (29)	56.1		34 - 71
	Platelets (10^9/L)	Screening	2020-06-23 13:54 (-8)	278		163 - 375
		Day 29	2020-07-29 12:44 (29)	281		163 - 375
		Day 57	2020-08-26 13:21 (29)	258		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-23 13:54 (-8)	0.9		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031128	Prothrombin Intl. Normalized Ratio	Day 29	2020-07-29 12:44 (29)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-23 13:54 (-8)	10.9		9.4 - 12.5
		Day 29	2020-07-29 12:44 (29)	11.3		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-23 13:54 (-8)	3.57		1.78 - 7.14
		Day 29	2020-07-29 12:44 (29)	4.28		1.78 - 7.14
		Day 57	2020-08-26 13:21 (29)	4.28		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-23 13:54 (-8)	16.7		7.8 - 26.7
		Day 29	2020-07-29 12:44 (29)	20.0		7.8 - 26.7
		Day 57	2020-08-26 13:21 (29)	17.1		7.8 - 26.7
US2041094	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-08 15:28 (-18)	30.7		25.1 - 36.5
		Day 57	2020-08-20 13:36 (28)	30.4		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-08 15:28 (-18)	22		10 - 33

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041094	Alanine Aminotransferase (U/L)	Day 29	2020-07-24 13:35 (29)	23		10 - 33
		Day 57	2020-08-20 13:36 (28)	31		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-08 15:28 (-18)	70		30 - 115
		Day 29	2020-07-24 13:35 (29)	69		30 - 115
		Day 57	2020-08-20 13:36 (28)	69		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-08 15:28 (-18)	26		10 - 36
		Day 29	2020-07-24 13:35 (29)	32		10 - 36
		Day 57	2020-08-20 13:36 (28)	36		10 - 36
	Basophils (10^9/L)	Screening	2020-06-08 15:28 (-18)	0.03		0 - 0.3
		Day 29	2020-07-24 13:35 (29)	<0.03		0 - 0.3
		Day 57	2020-08-20 13:36 (28)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-08 15:28 (-18)	0.5		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041094	Basophils/Leukocytes (%)	Day 29	2020-07-24 13:35 (29)	0.4		0 - 3
		Day 57	2020-08-20 13:36 (28)	0.4		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-08 15:28 (-18)	2.6		- 18.8
		Day 29	2020-07-24 13:35 (29)	5.5		- 18.8
		Day 57	2020-08-20 13:36 (28)	2.6		- 18.8
	Creatinine (umol/L)	Screening	2020-06-08 15:28 (-18)	53 (L)		62 - 124
		Day 29	2020-07-24 13:35 (29)	53 (L)		62 - 124
		Day 57	2020-08-20 13:36 (28)	44 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-08 15:28 (-18)	<3.4		0 - 6.8
		Day 29	2020-07-24 13:35 (29)	<3.4		0 - 6.8
		Day 57	2020-08-20 13:36 (28)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-08 15:28 (-18)	0.16		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041094	Eosinophils (10^9/L)	Day 29	2020-07-24 13:35 (29)	0.19		0 - 0.8
		Day 57	2020-08-20 13:36 (28)	0.21		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-08 15:28 (-18)	2.7		0 - 7
		Day 29	2020-07-24 13:35 (29)	3.4		0 - 7
		Day 57	2020-08-20 13:36 (28)	4.0		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-08 15:28 (-18)	4.60		3.7 - 5.2
		Day 29	2020-07-24 13:35 (29)	4.32		3.7 - 5.2
		Day 57	2020-08-20 13:36 (28)	4.18		3.7 - 5.2
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-08 15:28 (-18)	71.7 (H)		1.7 - 21.5
	Hematocrit (L/L)	Screening	2020-06-08 15:28 (-18)	0.454		0.33 - 0.47
		Day 29	2020-07-24 13:35 (29)	0.433		0.33 - 0.47
		Day 57	2020-08-20 13:36 (28)	0.404		0.33 - 0.47

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041094	Hemoglobin (g/L)	Screening	2020-06-08 15:28 (-18)	143		110 - 155
		Day 29	2020-07-24 13:35 (29)	134	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-20 13:36 (28)	129	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-08 15:28 (-18)	<0.03		0 - 0.07
		Day 29	2020-07-24 13:35 (29)	<0.03		0 - 0.07
		Day 57	2020-08-20 13:36 (28)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-08 15:28 (-18)	0.2		0 - 1
		Day 29	2020-07-24 13:35 (29)	0.2		0 - 1
		Day 57	2020-08-20 13:36 (28)	0.4		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-08 15:28 (-18)	5.86		3.7 - 11
		Day 29	2020-07-24 13:35 (29)	5.66		3.7 - 11
		Day 57	2020-08-20 13:36 (28)	5.28		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041094	Lymphocytes (10^9/L)	Screening	2020-06-08 15:28 (-18)	1.61		0.9 - 3.6
		Day 29	2020-07-24 13:35 (29)	1.70		0.9 - 3.6
		Day 57	2020-08-20 13:36 (28)	1.44		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-08 15:28 (-18)	27.5		12 - 46
		Day 29	2020-07-24 13:35 (29)	30.0		12 - 46
		Day 57	2020-08-20 13:36 (28)	27.3		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-08 15:28 (-18)	0.38		0 - 1.2
		Day 29	2020-07-24 13:35 (29)	0.44		0 - 1.2
		Day 57	2020-08-20 13:36 (28)	0.34		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-08 15:28 (-18)	6.5		0 - 11
		Day 29	2020-07-24 13:35 (29)	7.8		0 - 11
		Day 57	2020-08-20 13:36 (28)	6.4		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041094	Neutrophils (10^9/L)	Screening	2020-06-08 15:28 (-18)	3.67		1.7 - 7.9
		Day 29	2020-07-24 13:35 (29)	3.30		1.7 - 7.9
		Day 57	2020-08-20 13:36 (28)	3.25		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-08 15:28 (-18)	62.6		34 - 71
		Day 29	2020-07-24 13:35 (29)	58.2		34 - 71
		Day 57	2020-08-20 13:36 (28)	61.5		34 - 71
	Platelets (10^9/L)	Screening	2020-06-08 15:28 (-18)	247		163 - 375
		Day 29	2020-07-24 13:35 (29)	231		163 - 375
		Day 57	2020-08-20 13:36 (28)	256		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-08 15:28 (-18)	0.9		0.9 - 1.1
		Day 57	2020-08-20 13:36 (28)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-08 15:28 (-18)	10.7		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041094	Prothrombin Time (sec)	Day 57	2020-08-20 13:36 (28)	10.9		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-08 15:28 (-18)	4.28		1.78 - 7.14
		Day 29	2020-07-24 13:35 (29)	2.86		1.78 - 7.14
		Day 57	2020-08-20 13:36 (28)	4.28		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-08 15:28 (-18)	20.0		7.8 - 26.7
		Day 29	2020-07-24 13:35 (29)	13.3		7.8 - 26.7
		Day 57	2020-08-20 13:36 (28)	24.0		7.8 - 26.7
US2041100	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-10 08:12 (-19)	32.1		25.1 - 36.5
		Day 29	2020-07-28 07:42 (30)	29.2		25.1 - 36.5
		Day 57	2020-08-25 07:11 (29)	26.9		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-10 08:12 (-19)	25		10 - 33
		Day 29	2020-07-28 07:42 (30)	16		10 - 33

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041100	Alanine Aminotransferase (U/L)	Day 57	2020-08-25 07:11 (29)	16		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-10 08:12 (-19)	92		30 - 115
		Day 29	2020-07-28 07:42 (30)	76		30 - 115
		Day 57	2020-08-25 07:11 (29)	78		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-10 08:12 (-19)	30		10 - 36
		Day 29	2020-07-28 07:42 (30)	22		10 - 36
		Day 57	2020-08-25 07:11 (29)	19		10 - 36
	Basophils (10^9/L)	Screening	2020-06-10 08:12 (-19)	<0.03		0 - 0.3
		Day 29	2020-07-28 07:42 (30)	<0.03		0 - 0.3
		Day 57	2020-08-25 07:11 (29)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-10 08:12 (-19)	0.4		0 - 3
		Day 29	2020-07-28 07:42 (30)	0.2		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041100	Basophils/Leukocytes (%)	Day 57	2020-08-25 07:11 (29)	0.4		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-10 08:12 (-19)	4.3		- 18.8
		Day 29	2020-07-28 07:42 (30)	5.3		- 18.8
		Day 57	2020-08-25 07:11 (29)	4.1		- 18.8
	Creatinine (umol/L)	Screening	2020-06-10 08:12 (-19)	53 (L)		62 - 124
		Day 29	2020-07-28 07:42 (30)	53 (L)		62 - 124
		Day 57	2020-08-25 07:11 (29)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-10 08:12 (-19)	<3.4		0 - 6.8
		Day 29	2020-07-28 07:42 (30)	<3.4		0 - 6.8
		Day 57	2020-08-25 07:11 (29)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-10 08:12 (-19)	0.15		0 - 0.8
		Day 29	2020-07-28 07:42 (30)	0.14		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041100	Eosinophils (10^9/L)	Day 57	2020-08-25 07:11 (29)	0.19		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-10 08:12 (-19)	3.2		0 - 7
		Day 29	2020-07-28 07:42 (30)	3.0		0 - 7
		Day 57	2020-08-25 07:11 (29)	3.8		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-10 08:12 (-19)	4.36		3.7 - 5.2
		Day 29	2020-07-28 07:42 (30)	4.25		3.7 - 5.2
		Day 57	2020-08-25 07:11 (29)	4.09		3.7 - 5.2
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-10 08:12 (-19)	71.2 (H)		1.7 - 21.5
	Hematocrit (L/L)	Screening	2020-06-10 08:12 (-19)	0.421		0.33 - 0.47
		Day 29	2020-07-28 07:42 (30)	0.413		0.33 - 0.47
		Day 57	2020-08-25 07:11 (29)	0.421		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-10 08:12 (-19)	131		110 - 155

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041100	Hemoglobin (g/L)	Day 29	2020-07-28 07:42 (30)	128	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-25 07:11 (29)	124	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-10 08:12 (-19)	<0.03		0 - 0.07
		Day 29	2020-07-28 07:42 (30)	<0.03		0 - 0.07
		Day 57	2020-08-25 07:11 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-10 08:12 (-19)	0.2		0 - 1
		Day 29	2020-07-28 07:42 (30)	0.2		0 - 1
		Day 57	2020-08-25 07:11 (29)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-10 08:12 (-19)	4.74		3.7 - 11
		Day 29	2020-07-28 07:42 (30)	4.71		3.7 - 11
		Day 57	2020-08-25 07:11 (29)	5.03		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-10 08:12 (-19)	1.85		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041100	Lymphocytes (10^9/L)	Day 29	2020-07-28 07:42 (30)	1.80		0.9 - 3.6
		Day 57	2020-08-25 07:11 (29)	2.04		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-10 08:12 (-19)	39.0		12 - 46
		Day 29	2020-07-28 07:42 (30)	38.2		12 - 46
		Day 57	2020-08-25 07:11 (29)	40.6		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-10 08:12 (-19)	0.29		0 - 1.2
		Day 29	2020-07-28 07:42 (30)	0.28		0 - 1.2
		Day 57	2020-08-25 07:11 (29)	0.32		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-10 08:12 (-19)	6.1		0 - 11
		Day 29	2020-07-28 07:42 (30)	5.9		0 - 11
		Day 57	2020-08-25 07:11 (29)	6.4		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-10 08:12 (-19)	2.42		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041100	Neutrophils (10^9/L)	Day 29	2020-07-28 07:42 (30)	2.47		1.7 - 7.9
		Day 57	2020-08-25 07:11 (29)	2.45		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-10 08:12 (-19)	51.1		34 - 71
		Day 29	2020-07-28 07:42 (30)	52.5		34 - 71
		Day 57	2020-08-25 07:11 (29)	48.6		34 - 71
	Platelets (10^9/L)	Screening	2020-06-10 08:12 (-19)	214		163 - 375
		Day 29	2020-07-28 07:42 (30)	209		163 - 375
		Day 57	2020-08-25 07:11 (29)	210		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-10 08:12 (-19)	0.9		0.9 - 1.1
		Day 29	2020-07-28 07:42 (30)	0.9		0.9 - 1.1
		Day 57	2020-08-25 07:11 (29)	0.8 (L)		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-10 08:12 (-19)	11.0		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041100	Prothrombin Time (sec)	Day 29	2020-07-28 07:42 (30)	10.8		9.4 - 12.5
		Day 57	2020-08-25 07:11 (29)	10.3		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-10 08:12 (-19)	5.71		1.78 - 7.14
		Day 29	2020-07-28 07:42 (30)	4.28		1.78 - 7.14
		Day 57	2020-08-25 07:11 (29)	4.64		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-10 08:12 (-19)	26.7		7.8 - 26.7
		Day 29	2020-07-28 07:42 (30)	20.0		7.8 - 26.7
		Day 57	2020-08-25 07:11 (29)	21.7		7.8 - 26.7
US2041103	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-10 11:21 (-16)	32.4		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-10 11:21 (-16)	18		10 - 40
		Unscheduled	2020-06-16 10:09 (-10)	18		10 - 40
		Day 29	2020-07-24 10:40 (29)	16		10 - 40

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041103	Alanine Aminotransferase (U/L)	Day 57	2020-08-18 09:24 (26)	14		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-10 11:21 (-16)	76		43 - 115
		Unscheduled	2020-06-16 10:09 (-10)	78		43 - 115
		Day 29	2020-07-24 10:40 (29)	71		43 - 115
		Day 57	2020-08-18 09:24 (26)	69		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-10 11:21 (-16)	20		10 - 43
		Unscheduled	2020-06-16 10:09 (-10)	19		10 - 43
		Day 29	2020-07-24 10:40 (29)	19		10 - 43
		Day 57	2020-08-18 09:24 (26)	15		10 - 43
	Basophils (10^9/L)	Screening	2020-06-10 11:21 (-16)	0.05		0 - 0.3
		Unscheduled	2020-06-16 10:09 (-10)	0.05		0 - 0.3
		Day 29	2020-07-24 10:40 (29)	0.04		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041103	Basophils (10^9/L)	Day 57	2020-08-18 09:24 (26)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-10 11:21 (-16)	0.7		0 - 3
		Unscheduled	2020-06-16 10:09 (-10)	0.7		0 - 3
		Day 29	2020-07-24 10:40 (29)	0.7		0 - 3
		Day 57	2020-08-18 09:24 (26)	0.7		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-10 11:21 (-16)	6.8		- 18.8
		Unscheduled	2020-06-16 10:09 (-10)	11.8		- 18.8
		Day 29	2020-07-24 10:40 (29)	5.1		- 18.8
		Day 57	2020-08-18 09:24 (26)	6.0		- 18.8
	Creatinine (umol/L)	Screening	2020-06-10 11:21 (-16)	44 (L)		62 - 124
		Unscheduled	2020-06-16 10:09 (-10)	53 (L)		62 - 124
		Day 29	2020-07-24 10:40 (29)	53 (L)		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041103	Creatinine (umol/L)	Day 57	2020-08-18 09:24 (26)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-10 11:21 (-16)	<3.4		0 - 6.8
		Unscheduled	2020-06-16 10:09 (-10)	<3.4		0 - 6.8
		Day 29	2020-07-24 10:40 (29)	<3.4		0 - 6.8
		Day 57	2020-08-18 09:24 (26)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-10 11:21 (-16)	0.23		0 - 0.8
		Unscheduled	2020-06-16 10:09 (-10)	0.20		0 - 0.8
		Day 29	2020-07-24 10:40 (29)	0.21		0 - 0.8
		Day 57	2020-08-18 09:24 (26)	0.26		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-10 11:21 (-16)	3.2		0 - 7
		Unscheduled	2020-06-16 10:09 (-10)	2.8		0 - 7
		Day 29	2020-07-24 10:40 (29)	3.7		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041103	Eosinophils/Leukocytes (%)	Day 57	2020-08-18 09:24 (26)	4.5		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-10 11:21 (-16)	4.87		4.63 - 6.08
		Unscheduled	2020-06-16 10:09 (-10)	4.74		4.63 - 6.08
		Day 29	2020-07-24 10:40 (29)	4.84		4.63 - 6.08
		Day 57	2020-08-18 09:24 (26)	4.83		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-10 11:21 (-16)	0.483		0.37 - 0.51
		Unscheduled	2020-06-16 10:09 (-10)	0.482		0.37 - 0.51
		Day 29	2020-07-24 10:40 (29)	0.492		0.37 - 0.51
		Day 57	2020-08-18 09:24 (26)	0.490		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-10 11:21 (-16)	155		125 - 170
		Unscheduled	2020-06-16 10:09 (-10)	150		125 - 170
		Day 29	2020-07-24 10:40 (29)	153		125 - 170

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041103	Hemoglobin (g/L)	Day 57	2020-08-18 09:24 (26)	152		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-10 11:21 (-16)	<0.03		0 - 0.07
		Unscheduled	2020-06-16 10:09 (-10)	<0.03		0 - 0.07
		Day 29	2020-07-24 10:40 (29)	<0.03		0 - 0.07
		Day 57	2020-08-18 09:24 (26)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-10 11:21 (-16)	0.1		0 - 1
		Unscheduled	2020-06-16 10:09 (-10)	0.3		0 - 1
		Day 29	2020-07-24 10:40 (29)	0.2		0 - 1
		Day 57	2020-08-18 09:24 (26)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-10 11:21 (-16)	7.28		3.7 - 11
		Unscheduled	2020-06-16 10:09 (-10)	7.04		3.7 - 11
		Day 29	2020-07-24 10:40 (29)	5.69		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041103	Leukocytes (10^9/L)	Day 57	2020-08-18 09:24 (26)	5.75		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-10 11:21 (-16)	2.03		0.9 - 3.6
		Unscheduled	2020-06-16 10:09 (-10)	2.08		0.9 - 3.6
		Day 29	2020-07-24 10:40 (29)	1.69		0.9 - 3.6
		Day 57	2020-08-18 09:24 (26)	1.49		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-10 11:21 (-16)	27.9		12 - 46
		Unscheduled	2020-06-16 10:09 (-10)	29.5		12 - 46
		Day 29	2020-07-24 10:40 (29)	29.7		12 - 46
		Day 57	2020-08-18 09:24 (26)	25.9		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-10 11:21 (-16)	0.71		0 - 1.2
		Unscheduled	2020-06-16 10:09 (-10)	0.67		0 - 1.2
		Day 29	2020-07-24 10:40 (29)	0.48		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041103	Monocytes (10^9/L)	Day 57	2020-08-18 09:24 (26)	0.44		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-10 11:21 (-16)	9.8		0 - 11
		Unscheduled	2020-06-16 10:09 (-10)	9.5		0 - 11
		Day 29	2020-07-24 10:40 (29)	8.4		0 - 11
		Day 57	2020-08-18 09:24 (26)	7.7		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-10 11:21 (-16)	4.25		1.7 - 7.9
		Unscheduled	2020-06-16 10:09 (-10)	4.02		1.7 - 7.9
		Day 29	2020-07-24 10:40 (29)	3.26		1.7 - 7.9
		Day 57	2020-08-18 09:24 (26)	3.51		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-10 11:21 (-16)	58.3		34 - 71
		Unscheduled	2020-06-16 10:09 (-10)	57.2		34 - 71
		Day 29	2020-07-24 10:40 (29)	57.3		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041103	Neutrophils/Leukocytes (%)	Day 57	2020-08-18 09:24 (26)	61.0		34 - 71
	Platelets (10^9/L)	Screening	2020-06-10 11:21 (-16)	156 (L)		163 - 375
		Unscheduled	2020-06-16 10:09 (-10)	169		163 - 375
		Day 29	2020-07-24 10:40 (29)	101 (L)	G2 Platelets Decreased	163 - 375
		Day 57	2020-08-18 09:24 (26)	151 (L)		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-10 11:21 (-16)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-10 11:21 (-16)	11.6		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-10 11:21 (-16)	3.57		1.78 - 7.14
		Unscheduled	2020-06-16 10:09 (-10)	2.86		1.78 - 7.14
		Day 29	2020-07-24 10:40 (29)	4.28		1.78 - 7.14
		Day 57	2020-08-18 09:24 (26)	3.21		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-10 11:21 (-16)	20.0		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041103	Urea Nitrogen/Creatinine	Unscheduled	2020-06-16 10:09 (-10)	13.3		7.8 - 26.7
		Day 29	2020-07-24 10:40 (29)	20.0		7.8 - 26.7
		Day 57	2020-08-18 09:24 (26)	12.9		7.8 - 26.7
US2041104	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-10 10:52 (-16)	32.5		25.1 - 36.5
		Day 57	2020-08-18 09:43 (26)	31.5		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-10 10:52 (-16)	8 (L)		10 - 33
		Day 29	2020-07-24 10:53 (29)	7 (L)		10 - 33
		Day 57	2020-08-18 09:43 (26)	7 (L)		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-10 10:52 (-16)	97		30 - 115
		Day 29	2020-07-24 10:53 (29)	83		30 - 115
		Day 57	2020-08-18 09:43 (26)	74		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-10 10:52 (-16)	16		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041104	Aspartate Aminotransferase (U/L)	Day 29	2020-07-24 10:53 (29)	14		10 - 36
		Day 57	2020-08-18 09:43 (26)	15		10 - 36
	Basophils (10^9/L)	Screening	2020-06-10 10:52 (-16)	0.03		0 - 0.3
		Day 29	2020-07-24 10:53 (29)	<0.03		0 - 0.3
		Day 57	2020-08-18 09:43 (26)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-10 10:52 (-16)	0.5		0 - 3
		Day 29	2020-07-24 10:53 (29)	0.4		0 - 3
		Day 57	2020-08-18 09:43 (26)	0.8		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-10 10:52 (-16)	4.8		- 18.8
		Day 29	2020-07-24 10:53 (29)	4.3		- 18.8
		Day 57	2020-08-18 09:43 (26)	3.2		- 18.8
	Creatinine (umol/L)	Screening	2020-06-10 10:52 (-16)	53 (L)		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041104	Creatinine (umol/L)	Day 29	2020-07-24 10:53 (29)	71		62 - 124
		Day 57	2020-08-18 09:43 (26)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-10 10:52 (-16)	<3.4		0 - 6.8
		Day 29	2020-07-24 10:53 (29)	<3.4		0 - 6.8
		Day 57	2020-08-18 09:43 (26)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-10 10:52 (-16)	0.07		0 - 0.8
		Day 29	2020-07-24 10:53 (29)	0.11		0 - 0.8
		Day 57	2020-08-18 09:43 (26)	0.13		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-10 10:52 (-16)	1.3		0 - 7
		Day 29	2020-07-24 10:53 (29)	2.1		0 - 7
		Day 57	2020-08-18 09:43 (26)	2.7		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-10 10:52 (-16)	4.03		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041104	Erythrocytes (10^12/L)	Day 29	2020-07-24 10:53 (29)	3.86		3.7 - 5.2
		Day 57	2020-08-18 09:43 (26)	3.82		3.7 - 5.2
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-10 10:52 (-16)	55.5 (H)		1.7 - 21.5
	Hematocrit (L/L)	Screening	2020-06-10 10:52 (-16)	0.396		0.33 - 0.47
		Day 29	2020-07-24 10:53 (29)	0.390		0.33 - 0.47
		Day 57	2020-08-18 09:43 (26)	0.388		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-10 10:52 (-16)	129		110 - 155
		Day 29	2020-07-24 10:53 (29)	120	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-18 09:43 (26)	119	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-10 10:52 (-16)	<0.03		0 - 0.07
		Day 29	2020-07-24 10:53 (29)	<0.03		0 - 0.07
		Day 57	2020-08-18 09:43 (26)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041104	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-10 10:52 (-16)	0.2		0 - 1
		Day 29	2020-07-24 10:53 (29)	0.4		0 - 1
		Day 57	2020-08-18 09:43 (26)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-10 10:52 (-16)	5.53		3.7 - 11
		Day 29	2020-07-24 10:53 (29)	5.36		3.7 - 11
		Day 57	2020-08-18 09:43 (26)	4.89		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-10 10:52 (-16)	1.70		0.9 - 3.6
		Day 29	2020-07-24 10:53 (29)	1.81		0.9 - 3.6
		Day 57	2020-08-18 09:43 (26)	1.81		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-10 10:52 (-16)	30.7		12 - 46
		Day 29	2020-07-24 10:53 (29)	33.8		12 - 46
		Day 57	2020-08-18 09:43 (26)	37.0		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041104	Monocytes (10^9/L)	Screening	2020-06-10 10:52 (-16)	0.47		0 - 1.2
		Day 29	2020-07-24 10:53 (29)	0.41		0 - 1.2
		Day 57	2020-08-18 09:43 (26)	0.41		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-10 10:52 (-16)	8.5		0 - 11
		Day 29	2020-07-24 10:53 (29)	7.6		0 - 11
		Day 57	2020-08-18 09:43 (26)	8.4		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-10 10:52 (-16)	3.25		1.7 - 7.9
		Day 29	2020-07-24 10:53 (29)	2.99		1.7 - 7.9
		Day 57	2020-08-18 09:43 (26)	2.49		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-10 10:52 (-16)	58.8		34 - 71
		Day 29	2020-07-24 10:53 (29)	55.7		34 - 71
		Day 57	2020-08-18 09:43 (26)	50.9		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041104	Platelets (10^9/L)	Screening	2020-06-10 10:52 (-16)	294		163 - 375
		Day 29	2020-07-24 10:53 (29)	237		163 - 375
		Day 57	2020-08-18 09:43 (26)	250		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-10 10:52 (-16)	1.0		0.9 - 1.1
		Day 57	2020-08-18 09:43 (26)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-10 10:52 (-16)	12.0		9.4 - 12.5
		Day 57	2020-08-18 09:43 (26)	12.0		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-10 10:52 (-16)	3.93		1.78 - 7.14
		Day 29	2020-07-24 10:53 (29)	4.28		1.78 - 7.14
		Day 57	2020-08-18 09:43 (26)	3.57		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-10 10:52 (-16)	18.3		7.8 - 26.7
		Day 29	2020-07-24 10:53 (29)	15.0		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041104	Urea Nitrogen/Creatinine	Day 57	2020-08-18 09:43 (26)	12.5		7.8 - 26.7
US2041106	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-11 09:02 (-15)	27.8		25.1 - 36.5
		Day 29	2020-07-28 10:58 (33)	27.0		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-11 09:02 (-15)	20		10 - 40
		Day 29	2020-07-28 10:58 (33)	16		10 - 40
		Day 57	2020-08-25 10:49 (29)	15		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-11 09:02 (-15)	48		43 - 115
		Day 29	2020-07-28 10:58 (33)	47		43 - 115
		Day 57	2020-08-25 10:49 (29)	50		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-11 09:02 (-15)	24		10 - 43
		Day 29	2020-07-28 10:58 (33)	24		10 - 43
		Day 57	2020-08-25 10:49 (29)	23		10 - 43

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041106	Basophils (10^9/L)	Screening	2020-06-11 09:02 (-15)	0.05		0 - 0.3
		Day 29	2020-07-28 10:58 (33)	0.05		0 - 0.3
		Day 57	2020-08-25 10:49 (29)	0.05		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-11 09:02 (-15)	1.2		0 - 3
		Day 29	2020-07-28 10:58 (33)	1.2		0 - 3
		Day 57	2020-08-25 10:49 (29)	1.2		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-11 09:02 (-15)	6.8		- 18.8
		Day 29	2020-07-28 10:58 (33)	10.6		- 18.8
		Day 57	2020-08-25 10:49 (29)	7.5		- 18.8
	Creatinine (umol/L)	Screening	2020-06-11 09:02 (-15)	71		62 - 124
		Day 29	2020-07-28 10:58 (33)	71		62 - 124
		Day 57	2020-08-25 10:49 (29)	71		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041106	Direct Bilirubin (umol/L)	Screening	2020-06-11 09:02 (-15)	<3.4		0 - 6.8
		Day 29	2020-07-28 10:58 (33)	<3.4		0 - 6.8
		Day 57	2020-08-25 10:49 (29)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-11 09:02 (-15)	0.09		0 - 0.8
		Day 29	2020-07-28 10:58 (33)	0.10		0 - 0.8
		Day 57	2020-08-25 10:49 (29)	0.10		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-11 09:02 (-15)	2.2		0 - 7
		Day 29	2020-07-28 10:58 (33)	2.3		0 - 7
		Day 57	2020-08-25 10:49 (29)	2.4		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-11 09:02 (-15)	4.42 (L)		4.63 - 6.08
		Day 29	2020-07-28 10:58 (33)	4.48 (L)		4.63 - 6.08
		Day 57	2020-08-25 10:49 (29)	4.38 (L)		4.63 - 6.08

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041106	Hematocrit (L/L)	Screening	2020-06-11 09:02 (-15)	0.454		0.37 - 0.51
		Day 29	2020-07-28 10:58 (33)	0.443		0.37 - 0.51
		Day 57	2020-08-25 10:49 (29)	0.454		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-11 09:02 (-15)	143		125 - 170
		Day 29	2020-07-28 10:58 (33)	144		125 - 170
		Day 57	2020-08-25 10:49 (29)	142	G1 Hemoglobin Decreased	125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-11 09:02 (-15)	<0.03		0 - 0.07
		Day 29	2020-07-28 10:58 (33)	<0.03		0 - 0.07
		Day 57	2020-08-25 10:49 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-11 09:02 (-15)	0.5		0 - 1
		Day 29	2020-07-28 10:58 (33)	0.2		0 - 1
		Day 57	2020-08-25 10:49 (29)	0.5		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041106	Leukocytes (10^9/L)	Screening	2020-06-11 09:02 (-15)	4.15		3.7 - 11
		Day 29	2020-07-28 10:58 (33)	4.31		3.7 - 11
		Day 57	2020-08-25 10:49 (29)	4.20		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-11 09:02 (-15)	1.22		0.9 - 3.6
		Day 29	2020-07-28 10:58 (33)	1.58		0.9 - 3.6
		Day 57	2020-08-25 10:49 (29)	1.56		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-11 09:02 (-15)	29.4		12 - 46
		Day 29	2020-07-28 10:58 (33)	36.7		12 - 46
		Day 57	2020-08-25 10:49 (29)	37.1		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-11 09:02 (-15)	0.45		0 - 1.2
		Day 29	2020-07-28 10:58 (33)	0.51		0 - 1.2
		Day 57	2020-08-25 10:49 (29)	0.27		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041106	Monocytes/Leukocytes (%)	Screening	2020-06-11 09:02 (-15)	10.8		0 - 11
		Day 29	2020-07-28 10:58 (33)	11.8 (H)		0 - 11
		Day 57	2020-08-25 10:49 (29)	6.4		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-11 09:02 (-15)	2.32		1.7 - 7.9
		Day 29	2020-07-28 10:58 (33)	2.06		1.7 - 7.9
		Day 57	2020-08-25 10:49 (29)	2.20		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-11 09:02 (-15)	55.9		34 - 71
		Day 29	2020-07-28 10:58 (33)	47.8		34 - 71
		Day 57	2020-08-25 10:49 (29)	52.4		34 - 71
	Platelets (10^9/L)	Screening	2020-06-11 09:02 (-15)	189		163 - 375
		Day 29	2020-07-28 10:58 (33)	197		163 - 375
		Day 57	2020-08-25 10:49 (29)	200		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041106	Prothrombin Intl. Normalized Ratio	Screening	2020-06-11 09:02 (-15)	1.0		0.9 - 1.1
		Day 29	2020-07-28 10:58 (33)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-11 09:02 (-15)	11.3		9.4 - 12.5
		Day 29	2020-07-28 10:58 (33)	11.7		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-11 09:02 (-15)	7.85 (H)		1.78 - 7.14
		Day 29	2020-07-28 10:58 (33)	6.43		1.78 - 7.14
		Day 57	2020-08-25 10:49 (29)	6.43		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-11 09:02 (-15)	27.5 (H)		7.8 - 26.7
		Day 29	2020-07-28 10:58 (33)	22.5		7.8 - 26.7
		Day 57	2020-08-25 10:49 (29)	22.5		7.8 - 26.7
US2041109	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-11 10:10 (-15)	27.8		25.1 - 36.5
		Day 29	2020-07-27 11:19 (32)	24.4 (L)		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041109	Alanine Aminotransferase (U/L)	Screening	2020-06-11 10:10 (-15)	21		10 - 33
		Day 29	2020-07-27 11:19 (32)	13		10 - 33
		Day 57	2020-08-21 10:26 (26)	17		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-11 10:10 (-15)	38		30 - 115
		Day 29	2020-07-27 11:19 (32)	38		30 - 115
		Day 57	2020-08-21 10:26 (26)	38		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-11 10:10 (-15)	24		10 - 36
		Day 29	2020-07-27 11:19 (32)	14		10 - 36
		Day 57	2020-08-21 10:26 (26)	18		10 - 36
	Basophils (10^9/L)	Screening	2020-06-11 10:10 (-15)	<0.03		0 - 0.3
		Day 29	2020-07-27 11:19 (32)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-11 10:10 (-15)	0.5		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041109	Basophils/Leukocytes (%)	Day 29	2020-07-27 11:19 (32)	0.5		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-11 10:10 (-15)	16.2		- 18.8
		Day 29	2020-07-27 11:19 (32)	8.7		- 18.8
		Day 57	2020-08-21 10:26 (26)	12.8		- 18.8
	Creatinine (umol/L)	Screening	2020-06-11 10:10 (-15)	35 (L)		62 - 124
		Day 29	2020-07-27 11:19 (32)	35 (L)		62 - 124
		Day 57	2020-08-21 10:26 (26)	35 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-11 10:10 (-15)	3.9		0 - 6.8
		Day 29	2020-07-27 11:19 (32)	3.4		0 - 6.8
		Day 57	2020-08-21 10:26 (26)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-11 10:10 (-15)	0.03		0 - 0.8
		Day 29	2020-07-27 11:19 (32)	0.04		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041109	Eosinophils/Leukocytes (%)	Screening	2020-06-11 10:10 (-15)	0.7		0 - 7
		Day 29	2020-07-27 11:19 (32)	1.1		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-11 10:10 (-15)	4.55		3.7 - 5.2
		Day 29	2020-07-27 11:19 (32)	4.02		3.7 - 5.2
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-11 10:10 (-15)	45.0 (H)		1.7 - 21.5
	Hematocrit (L/L)	Screening	2020-06-11 10:10 (-15)	0.462		0.33 - 0.47
		Day 29	2020-07-27 11:19 (32)	0.414		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-11 10:10 (-15)	140		110 - 155
		Day 29	2020-07-27 11:19 (32)	124	G2 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-11 10:10 (-15)	<0.03		0 - 0.07
		Day 29	2020-07-27 11:19 (32)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-11 10:10 (-15)	0.2		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041109	Immature Granulocytes/Leukocytes (%)	Day 29	2020-07-27 11:19 (32)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-11 10:10 (-15)	4.25		3.7 - 11
		Day 29	2020-07-27 11:19 (32)	3.74		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-11 10:10 (-15)	1.41		0.9 - 3.6
		Day 29	2020-07-27 11:19 (32)	1.41		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-11 10:10 (-15)	33.2		12 - 46
		Day 29	2020-07-27 11:19 (32)	37.7		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-11 10:10 (-15)	0.29		0 - 1.2
		Day 29	2020-07-27 11:19 (32)	0.32		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-11 10:10 (-15)	6.8		0 - 11
		Day 29	2020-07-27 11:19 (32)	8.6		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-11 10:10 (-15)	2.49		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041109	Neutrophils (10^9/L)	Day 29	2020-07-27 11:19 (32)	1.94	G1 Neutrophils Decreased	1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-11 10:10 (-15)	58.6		34 - 71
		Day 29	2020-07-27 11:19 (32)	51.8		34 - 71
	Platelets (10^9/L)	Screening	2020-06-11 10:10 (-15)	254		163 - 375
		Day 29	2020-07-27 11:19 (32)	218		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-11 10:10 (-15)	0.9		0.9 - 1.1
		Day 29	2020-07-27 11:19 (32)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-11 10:10 (-15)	10.1		9.4 - 12.5
		Day 29	2020-07-27 11:19 (32)	10.4		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-11 10:10 (-15)	5.35		1.78 - 7.14
		Day 29	2020-07-27 11:19 (32)	5.71		1.78 - 7.14
		Day 57	2020-08-21 10:26 (26)	6.07		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041109	Urea Nitrogen/Creatinine	Screening	2020-06-11 10:10 (-15)	37.5 (H)		7.8 - 26.7
		Day 29	2020-07-27 11:19 (32)	40.0 (H)		7.8 - 26.7
		Day 57	2020-08-21 10:26 (26)	42.5 (H)		7.8 - 26.7
US2041111	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-11 10:38 (-18)	26.9		25.1 - 36.5
		Day 29	2020-07-27 13:40 (29)	24.1 (L)		25.1 - 36.5
		Day 57	2020-08-27 11:11 (32)	24.5 (L)		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-11 10:38 (-18)	25		10 - 33
		Day 29	2020-07-27 13:40 (29)	27		10 - 33
		Day 57	2020-08-27 11:11 (32)	24		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-11 10:38 (-18)	75		30 - 115
		Day 29	2020-07-27 13:40 (29)	71		30 - 115
		Day 57	2020-08-27 11:11 (32)	74		30 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041111	Aspartate Aminotransferase (U/L)	Screening	2020-06-11 10:38 (-18)	20		10 - 36
		Day 29	2020-07-27 13:40 (29)	21		10 - 36
		Day 57	2020-08-27 11:11 (32)	23		10 - 36
	Basophils (10^9/L)	Screening	2020-06-11 10:38 (-18)	<0.03		0 - 0.3
		Day 29	2020-07-27 13:40 (29)	0.03		0 - 0.3
		Day 57	2020-08-27 11:11 (32)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-11 10:38 (-18)	0.5		0 - 3
		Day 29	2020-07-27 13:40 (29)	0.6		0 - 3
		Day 57	2020-08-27 11:11 (32)	0.6		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-11 10:38 (-18)	7.5		- 18.8
		Day 29	2020-07-27 13:40 (29)	5.5		- 18.8
		Day 57	2020-08-27 11:11 (32)	6.5		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041111	Creatinine (umol/L)	Screening	2020-06-11 10:38 (-18)	71		62 - 124
		Day 29	2020-07-27 13:40 (29)	71		62 - 124
		Day 57	2020-08-27 11:11 (32)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-11 10:38 (-18)	<3.4		0 - 6.8
		Day 29	2020-07-27 13:40 (29)	<3.4		0 - 6.8
		Day 57	2020-08-27 11:11 (32)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-11 10:38 (-18)	0.21		0 - 0.8
		Day 29	2020-07-27 13:40 (29)	0.31		0 - 0.8
		Day 57	2020-08-27 11:11 (32)	0.30		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-11 10:38 (-18)	5.2		0 - 7
		Day 29	2020-07-27 13:40 (29)	5.8		0 - 7
		Day 57	2020-08-27 11:11 (32)	6.0		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041111	Erythrocytes (10^12/L)	Screening	2020-06-11 10:38 (-18)	4.63		3.7 - 5.2
		Day 29	2020-07-27 13:40 (29)	4.46		3.7 - 5.2
		Day 57	2020-08-27 11:11 (32)	4.54		3.7 - 5.2
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-11 10:38 (-18)	109.4 (H)		1.7 - 21.5
	Hematocrit (L/L)	Screening	2020-06-11 10:38 (-18)	0.462		0.33 - 0.47
		Day 29	2020-07-27 13:40 (29)	0.445		0.33 - 0.47
		Day 57	2020-08-27 11:11 (32)	0.454		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-11 10:38 (-18)	145		110 - 155
		Day 29	2020-07-27 13:40 (29)	136	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-27 11:11 (32)	141	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-11 10:38 (-18)	<0.03		0 - 0.07
		Day 29	2020-07-27 13:40 (29)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041111	Immature Granulocytes (10^9/L)	Day 57	2020-08-27 11:11 (32)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-11 10:38 (-18)	0.0		0 - 1
		Day 29	2020-07-27 13:40 (29)	0.4		0 - 1
		Day 57	2020-08-27 11:11 (32)	0.0		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-11 10:38 (-18)	4.03		3.7 - 11
		Day 29	2020-07-27 13:40 (29)	5.35		3.7 - 11
		Day 57	2020-08-27 11:11 (32)	4.96		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-11 10:38 (-18)	1.57		0.9 - 3.6
		Day 29	2020-07-27 13:40 (29)	1.96		0.9 - 3.6
		Day 57	2020-08-27 11:11 (32)	1.94		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-11 10:38 (-18)	39.0		12 - 46
		Day 29	2020-07-27 13:40 (29)	36.6		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041111	Lymphocytes/Leukocytes (%)	Day 57	2020-08-27 11:11 (32)	39.1		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-11 10:38 (-18)	0.25		0 - 1.2
		Day 29	2020-07-27 13:40 (29)	0.27		0 - 1.2
		Day 57	2020-08-27 11:11 (32)	0.34		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-11 10:38 (-18)	6.2		0 - 11
		Day 29	2020-07-27 13:40 (29)	5.0		0 - 11
		Day 57	2020-08-27 11:11 (32)	6.9		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-11 10:38 (-18)	1.98	G1 Neutrophils Decreased	1.7 - 7.9
		Day 29	2020-07-27 13:40 (29)	2.76		1.7 - 7.9
		Day 57	2020-08-27 11:11 (32)	2.35		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-11 10:38 (-18)	49.1		34 - 71
		Day 29	2020-07-27 13:40 (29)	51.6		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041111	Neutrophils/Leukocytes (%)	Day 57	2020-08-27 11:11 (32)	47.4		34 - 71
	Platelets (10^9/L)	Screening	2020-06-11 10:38 (-18)	218		163 - 375
		Day 29	2020-07-27 13:40 (29)	194		163 - 375
		Day 57	2020-08-27 11:11 (32)	212		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-11 10:38 (-18)	0.9		0.9 - 1.1
		Day 29	2020-07-27 13:40 (29)	0.9		0.9 - 1.1
		Day 57	2020-08-27 11:11 (32)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-11 10:38 (-18)	10.3		9.4 - 12.5
		Day 29	2020-07-27 13:40 (29)	11.1		9.4 - 12.5
		Day 57	2020-08-27 11:11 (32)	10.6		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-11 10:38 (-18)	6.78		1.78 - 7.14
		Day 29	2020-07-27 13:40 (29)	6.07		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041111	Urea Nitrogen (mmol/L)	Day 57	2020-08-27 11:11 (32)	6.78		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-11 10:38 (-18)	23.8		7.8 - 26.7
		Day 29	2020-07-27 13:40 (29)	21.2		7.8 - 26.7
		Day 57	2020-08-27 11:11 (32)	23.8		7.8 - 26.7
US2041113	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-11 12:07 (-19)	28.7		25.1 - 36.5
		Day 29	2020-07-28 13:51 (29)	26.0		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-11 12:07 (-19)	13		10 - 33
		Day 29	2020-07-28 13:51 (29)	13		10 - 33
		Day 57	2020-08-25 14:45 (29)	10		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-11 12:07 (-19)	66		30 - 115
		Day 29	2020-07-28 13:51 (29)	57		30 - 115
		Day 57	2020-08-25 14:45 (29)	65		30 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041113	Aspartate Aminotransferase (U/L)	Screening	2020-06-11 12:07 (-19)	22		10 - 36
		Day 29	2020-07-28 13:51 (29)	21		10 - 36
		Day 57	2020-08-25 14:45 (29)	19		10 - 36
	Basophils (10^9/L)	Unscheduled	2020-06-19 10:55 (-11)	0.04		0 - 0.3
		Day 29	2020-07-28 13:51 (29)	0.03		0 - 0.3
		Day 57	2020-08-25 14:45 (29)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Unscheduled	2020-06-19 10:55 (-11)	0.8		0 - 3
		Day 29	2020-07-28 13:51 (29)	0.5		0 - 3
		Day 57	2020-08-25 14:45 (29)	0.8		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-11 12:07 (-19)	7.5		- 18.8
		Day 29	2020-07-28 13:51 (29)	6.7		- 18.8
		Day 57	2020-08-25 14:45 (29)	4.3		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041113	Creatinine (umol/L)	Screening	2020-06-11 12:07 (-19)	53 (L)		62 - 124
		Day 29	2020-07-28 13:51 (29)	53 (L)		62 - 124
		Day 57	2020-08-25 14:45 (29)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-11 12:07 (-19)	<3.4		0 - 6.8
		Day 29	2020-07-28 13:51 (29)	<3.4		0 - 6.8
		Day 57	2020-08-25 14:45 (29)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Unscheduled	2020-06-19 10:55 (-11)	0.06		0 - 0.8
		Day 29	2020-07-28 13:51 (29)	0.07		0 - 0.8
		Day 57	2020-08-25 14:45 (29)	0.08		0 - 0.8
	Eosinophils/Leukocytes (%)	Unscheduled	2020-06-19 10:55 (-11)	1.3		0 - 7
		Day 29	2020-07-28 13:51 (29)	1.1		0 - 7
		Day 57	2020-08-25 14:45 (29)	1.5		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041113	Erythrocytes (10^12/L)	Unscheduled	2020-06-19 10:55 (-11)	4.79		3.7 - 5.2
		Day 29	2020-07-28 13:51 (29)	4.48		3.7 - 5.2
		Day 57	2020-08-25 14:45 (29)	4.26		3.7 - 5.2
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-11 12:07 (-19)	64.8 (H)		1.7 - 21.5
	Hematocrit (L/L)	Unscheduled	2020-06-19 10:55 (-11)	0.474 (H)		0.33 - 0.47
		Day 29	2020-07-28 13:51 (29)	0.449		0.33 - 0.47
		Day 57	2020-08-25 14:45 (29)	0.435		0.33 - 0.47
	Hemoglobin (g/L)	Unscheduled	2020-06-19 10:55 (-11)	144		110 - 155
		Day 29	2020-07-28 13:51 (29)	138	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-25 14:45 (29)	130	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Unscheduled	2020-06-19 10:55 (-11)	<0.03		0 - 0.07
		Day 29	2020-07-28 13:51 (29)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041113	Immature Granulocytes (10^9/L)	Day 57	2020-08-25 14:45 (29)	0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Unscheduled	2020-06-19 10:55 (-11)	0.2		0 - 1
		Day 29	2020-07-28 13:51 (29)	0.3		0 - 1
		Day 57	2020-08-25 14:45 (29)	0.6		0 - 1
	Leukocytes (10^9/L)	Unscheduled	2020-06-19 10:55 (-11)	4.79		3.7 - 11
		Day 29	2020-07-28 13:51 (29)	6.34		3.7 - 11
		Day 57	2020-08-25 14:45 (29)	5.25		3.7 - 11
	Lymphocytes (10^9/L)	Unscheduled	2020-06-19 10:55 (-11)	1.33		0.9 - 3.6
		Day 29	2020-07-28 13:51 (29)	2.18		0.9 - 3.6
		Day 57	2020-08-25 14:45 (29)	2.13		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Unscheduled	2020-06-19 10:55 (-11)	27.8		12 - 46
		Day 29	2020-07-28 13:51 (29)	34.4		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041113	Lymphocytes/Leukocytes (%)	Day 57	2020-08-25 14:45 (29)	40.6		12 - 46
	Monocytes (10^9/L)	Unscheduled	2020-06-19 10:55 (-11)	0.36		0 - 1.2
		Day 29	2020-07-28 13:51 (29)	0.49		0 - 1.2
		Day 57	2020-08-25 14:45 (29)	0.43		0 - 1.2
	Monocytes/Leukocytes (%)	Unscheduled	2020-06-19 10:55 (-11)	7.5		0 - 11
		Day 29	2020-07-28 13:51 (29)	7.7		0 - 11
		Day 57	2020-08-25 14:45 (29)	8.2		0 - 11
	Neutrophils (10^9/L)	Unscheduled	2020-06-19 10:55 (-11)	2.99		1.7 - 7.9
		Day 29	2020-07-28 13:51 (29)	3.55		1.7 - 7.9
		Day 57	2020-08-25 14:45 (29)	2.54		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Unscheduled	2020-06-19 10:55 (-11)	62.4		34 - 71
		Day 29	2020-07-28 13:51 (29)	56.0		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041113	Neutrophils/Leukocytes (%)	Day 57	2020-08-25 14:45 (29)	48.3		34 - 71
	Platelets (10^9/L)	Unscheduled	2020-06-19 10:55 (-11)	261		163 - 375
		Day 29	2020-07-28 13:51 (29)	252		163 - 375
		Day 57	2020-08-25 14:45 (29)	250		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-11 12:07 (-19)	0.9		0.9 - 1.1
		Day 29	2020-07-28 13:51 (29)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-11 12:07 (-19)	11.0		9.4 - 12.5
		Day 29	2020-07-28 13:51 (29)	12.0		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-11 12:07 (-19)	4.28		1.78 - 7.14
		Day 29	2020-07-28 13:51 (29)	4.64		1.78 - 7.14
		Day 57	2020-08-25 14:45 (29)	3.57		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-11 12:07 (-19)	20.0		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041113	Urea Nitrogen/Creatinine	Day 29	2020-07-28 13:51 (29)	21.7		7.8 - 26.7
		Day 57	2020-08-25 14:45 (29)	14.3		7.8 - 26.7
US2041118	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-11 15:26 (-18)	31.3		25.1 - 36.5
		Day 29	2020-07-28 13:22 (30)	32.2		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-11 15:26 (-18)	29		10 - 33
		Day 29	2020-07-28 13:22 (30)	17		10 - 33
		Day 57	2020-08-24 15:38 (28)	16		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-11 15:26 (-18)	77		30 - 115
		Day 29	2020-07-28 13:22 (30)	78		30 - 115
		Day 57	2020-08-24 15:38 (28)	66		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-11 15:26 (-18)	35		10 - 36
		Day 29	2020-07-28 13:22 (30)	22		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041118	Aspartate Aminotransferase (U/L)	Day 57	2020-08-24 15:38 (28)	20		10 - 36
	Basophils (10^9/L)	Screening	2020-06-11 15:26 (-18)	<0.03		0 - 0.3
		Day 29	2020-07-28 13:22 (30)	0.03		0 - 0.3
		Day 57	2020-08-24 15:38 (28)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-11 15:26 (-18)	0.3		0 - 3
		Day 29	2020-07-28 13:22 (30)	0.5		0 - 3
		Day 57	2020-08-24 15:38 (28)	0.5		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-11 15:26 (-18)	10.6		- 18.8
		Day 29	2020-07-28 13:22 (30)	3.9		- 18.8
		Day 57	2020-08-24 15:38 (28)	<2.6		- 18.8
	Creatinine (umol/L)	Screening	2020-06-11 15:26 (-18)	53 (L)		62 - 124
		Day 29	2020-07-28 13:22 (30)	44 (L)		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041118	Creatinine (umol/L)	Day 57	2020-08-24 15:38 (28)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-11 15:26 (-18)	<3.4		0 - 6.8
		Day 29	2020-07-28 13:22 (30)	<3.4		0 - 6.8
		Day 57	2020-08-24 15:38 (28)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-11 15:26 (-18)	0.19		0 - 0.8
		Day 29	2020-07-28 13:22 (30)	0.31		0 - 0.8
		Day 57	2020-08-24 15:38 (28)	0.24		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-11 15:26 (-18)	3.2		0 - 7
		Day 29	2020-07-28 13:22 (30)	5.5		0 - 7
		Day 57	2020-08-24 15:38 (28)	3.8		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-11 15:26 (-18)	5.06		3.7 - 5.2
		Day 29	2020-07-28 13:22 (30)	4.65		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041118	Erythrocytes (10^12/L)	Day 57	2020-08-24 15:38 (28)	4.47		3.7 - 5.2
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-11 15:26 (-18)	107.3 (H)		1.7 - 21.5
	Hematocrit (L/L)	Screening	2020-06-11 15:26 (-18)	0.483 (H)		0.33 - 0.47
		Day 29	2020-07-28 13:22 (30)	0.445		0.33 - 0.47
		Day 57	2020-08-24 15:38 (28)	0.463		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-11 15:26 (-18)	150		110 - 155
		Day 29	2020-07-28 13:22 (30)	136	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-24 15:38 (28)	128	G3 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-11 15:26 (-18)	<0.03		0 - 0.07
		Day 29	2020-07-28 13:22 (30)	<0.03		0 - 0.07
		Day 57	2020-08-24 15:38 (28)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-11 15:26 (-18)	0.2		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041118	Immature Granulocytes/Leukocytes (%)	Day 29	2020-07-28 13:22 (30)	0.2		0 - 1
		Day 57	2020-08-24 15:38 (28)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-11 15:26 (-18)	5.93		3.7 - 11
		Day 29	2020-07-28 13:22 (30)	5.59		3.7 - 11
		Day 57	2020-08-24 15:38 (28)	6.35		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-11 15:26 (-18)	1.00	G1 Lymphocytes Decreased	0.9 - 3.6
		Day 29	2020-07-28 13:22 (30)	1.07		0.9 - 3.6
		Day 57	2020-08-24 15:38 (28)	1.45		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-11 15:26 (-18)	16.9		12 - 46
		Day 29	2020-07-28 13:22 (30)	19.1		12 - 46
		Day 57	2020-08-24 15:38 (28)	22.8		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-11 15:26 (-18)	0.39		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041118	Monocytes (10^9/L)	Day 29	2020-07-28 13:22 (30)	0.40		0 - 1.2
		Day 57	2020-08-24 15:38 (28)	0.62		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-11 15:26 (-18)	6.6		0 - 11
		Day 29	2020-07-28 13:22 (30)	7.2		0 - 11
		Day 57	2020-08-24 15:38 (28)	9.8		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-11 15:26 (-18)	4.32		1.7 - 7.9
		Day 29	2020-07-28 13:22 (30)	3.77		1.7 - 7.9
		Day 57	2020-08-24 15:38 (28)	4.00		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-11 15:26 (-18)	72.8 (H)		34 - 71
		Day 29	2020-07-28 13:22 (30)	67.5		34 - 71
		Day 57	2020-08-24 15:38 (28)	62.9		34 - 71
	Platelets (10^9/L)	Screening	2020-06-11 15:26 (-18)	241		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041118	Platelets (10^9/L)	Day 29	2020-07-28 13:22 (30)	228		163 - 375
		Day 57	2020-08-24 15:38 (28)	230		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-11 15:26 (-18)	0.9		0.9 - 1.1
		Day 29	2020-07-28 13:22 (30)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-11 15:26 (-18)	10.8		9.4 - 12.5
		Day 29	2020-07-28 13:22 (30)	11.4		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-11 15:26 (-18)	5.35		1.78 - 7.14
		Day 29	2020-07-28 13:22 (30)	5.00		1.78 - 7.14
		Day 57	2020-08-24 15:38 (28)	4.64		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-11 15:26 (-18)	25.0		7.8 - 26.7
		Day 29	2020-07-28 13:22 (30)	28.0 (H)		7.8 - 26.7
		Day 57	2020-08-24 15:38 (28)	21.7		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041119	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-11 16:36 (-25)	31.2		25.1 - 36.5
		Day 29	2020-08-04 09:40 (30)	27.1		25.1 - 36.5
		Day 57	2020-09-01 09:23 (29)	28.4		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-11 16:36 (-25)	20		10 - 40
		Day 29	2020-08-04 09:40 (30)	18		10 - 40
		Day 57	2020-09-01 09:23 (29)	16		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-11 16:36 (-25)	61		43 - 115
		Day 29	2020-08-04 09:40 (30)	73		43 - 115
		Day 57	2020-09-01 09:23 (29)	67		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-11 16:36 (-25)	27		10 - 43
		Day 29	2020-08-04 09:40 (30)	18		10 - 43
		Day 57	2020-09-01 09:23 (29)	19		10 - 43

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041119	Basophils (10^9/L)	Screening	2020-06-11 16:36 (-25)	0.07		0 - 0.3
		Day 29	2020-08-04 09:40 (30)	0.05		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-11 16:36 (-25)	0.9		0 - 3
		Day 29	2020-08-04 09:40 (30)	0.7		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-11 16:36 (-25)	5.6		- 18.8
		Day 29	2020-08-04 09:40 (30)	9.4		- 18.8
		Day 57	2020-09-01 09:23 (29)	12.1		- 18.8
	Creatinine (umol/L)	Screening	2020-06-11 16:36 (-25)	62		62 - 124
		Day 29	2020-08-04 09:40 (30)	62		62 - 124
		Day 57	2020-09-01 09:23 (29)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-11 16:36 (-25)	<3.4		0 - 6.8
		Day 29	2020-08-04 09:40 (30)	<3.4		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041119	Direct Bilirubin (umol/L)	Day 57	2020-09-01 09:23 (29)	3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-11 16:36 (-25)	0.08		0 - 0.8
		Day 29	2020-08-04 09:40 (30)	0.07		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-11 16:36 (-25)	1.0		0 - 7
		Day 29	2020-08-04 09:40 (30)	1.0		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-11 16:36 (-25)	4.21 (L)		4.63 - 6.08
		Day 29	2020-08-04 09:40 (30)	4.46 (L)		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-11 16:36 (-25)	0.449		0.37 - 0.51
		Day 29	2020-08-04 09:40 (30)	0.451		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-11 16:36 (-25)	138		125 - 170
		Day 29	2020-08-04 09:40 (30)	147		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-11 16:36 (-25)	0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041119	Immature Granulocytes (10^9/L)	Day 29	2020-08-04 09:40 (30)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-11 16:36 (-25)	0.4		0 - 1
		Day 29	2020-08-04 09:40 (30)	0.1		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-11 16:36 (-25)	8.15		3.7 - 11
		Day 29	2020-08-04 09:40 (30)	7.28		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-11 16:36 (-25)	2.27		0.9 - 3.6
		Day 29	2020-08-04 09:40 (30)	2.20		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-11 16:36 (-25)	27.9		12 - 46
		Day 29	2020-08-04 09:40 (30)	30.2		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-11 16:36 (-25)	0.75		0 - 1.2
		Day 29	2020-08-04 09:40 (30)	0.55		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-11 16:36 (-25)	9.2		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041119	Monocytes/Leukocytes (%)	Day 29	2020-08-04 09:40 (30)	7.6		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-11 16:36 (-25)	4.95		1.7 - 7.9
		Day 29	2020-08-04 09:40 (30)	4.40		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-11 16:36 (-25)	60.6		34 - 71
		Day 29	2020-08-04 09:40 (30)	60.4		34 - 71
	Platelets (10^9/L)	Screening	2020-06-11 16:36 (-25)	165		163 - 375
		Day 29	2020-08-04 09:40 (30)	173		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-11 16:36 (-25)	1.0		0.9 - 1.1
		Day 29	2020-08-04 09:40 (30)	1.0		0.9 - 1.1
		Day 57	2020-09-01 09:23 (29)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-11 16:36 (-25)	12.1		9.4 - 12.5
		Day 29	2020-08-04 09:40 (30)	11.6		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041119	Prothrombin Time (sec)	Day 57	2020-09-01 09:23 (29)	12.7 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-11 16:36 (-25)	6.07		1.78 - 7.14
		Day 29	2020-08-04 09:40 (30)	6.43		1.78 - 7.14
		Day 57	2020-09-01 09:23 (29)	5.35		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-11 16:36 (-25)	24.3		7.8 - 26.7
		Day 29	2020-08-04 09:40 (30)	25.7		7.8 - 26.7
		Day 57	2020-09-01 09:23 (29)	21.4		7.8 - 26.7
US2041127	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-12 12:15 (-14)	31.4		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-12 12:15 (-14)	16		10 - 40
		Day 29	2020-07-24 11:54 (29)	16		10 - 40
		Day 57	2020-08-24 11:53 (32)	14		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-12 12:15 (-14)	59		43 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041127	Alkaline Phosphatase (U/L)	Day 29	2020-07-24 11:54 (29)	60		43 - 115
		Day 57	2020-08-24 11:53 (32)	53		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-12 12:15 (-14)	16		10 - 43
		Day 29	2020-07-24 11:54 (29)	17		10 - 43
		Day 57	2020-08-24 11:53 (32)	14		10 - 43
	Basophils (10^9/L)	Screening	2020-06-12 12:15 (-14)	0.03		0 - 0.3
		Day 29	2020-07-24 11:54 (29)	<0.03		0 - 0.3
		Day 57	2020-08-24 11:53 (32)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-12 12:15 (-14)	0.6		0 - 3
		Day 29	2020-07-24 11:54 (29)	0.4		0 - 3
		Day 57	2020-08-24 11:53 (32)	0.6		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-12 12:15 (-14)	16.6		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041127	Bilirubin (umol/L)	Day 29	2020-07-24 11:54 (29)	15.9		- 18.8
		Day 57	2020-08-24 11:53 (32)	5.0		- 18.8
	Creatinine (umol/L)	Screening	2020-06-12 12:15 (-14)	71		62 - 124
		Day 29	2020-07-24 11:54 (29)	62		62 - 124
		Day 57	2020-08-24 11:53 (32)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-12 12:15 (-14)	3.8		0 - 6.8
		Day 29	2020-07-24 11:54 (29)	3.6		0 - 6.8
		Day 57	2020-08-24 11:53 (32)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-12 12:15 (-14)	0.12		0 - 0.8
		Day 29	2020-07-24 11:54 (29)	0.09		0 - 0.8
		Day 57	2020-08-24 11:53 (32)	0.09		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-12 12:15 (-14)	2.4		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041127	Eosinophils/Leukocytes (%)	Day 29	2020-07-24 11:54 (29)	1.8		0 - 7
		Day 57	2020-08-24 11:53 (32)	1.9		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-12 12:15 (-14)	4.96		4.63 - 6.08
		Day 29	2020-07-24 11:54 (29)	4.87		4.63 - 6.08
		Day 57	2020-08-24 11:53 (32)	4.63		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-12 12:15 (-14)	0.469		0.37 - 0.51
		Day 29	2020-07-24 11:54 (29)	0.463		0.37 - 0.51
		Day 57	2020-08-24 11:53 (32)	0.478		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-12 12:15 (-14)	152		125 - 170
		Day 29	2020-07-24 11:54 (29)	147	G1 Hemoglobin Decreased	125 - 170
		Day 57	2020-08-24 11:53 (32)	141	G1 Hemoglobin Decreased	125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-12 12:15 (-14)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041127	Immature Granulocytes (10^9/L)	Day 29	2020-07-24 11:54 (29)	<0.03		0 - 0.07
		Day 57	2020-08-24 11:53 (32)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-12 12:15 (-14)	0.2		0 - 1
		Day 29	2020-07-24 11:54 (29)	0.2		0 - 1
		Day 57	2020-08-24 11:53 (32)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-12 12:15 (-14)	5.08		3.7 - 11
		Day 29	2020-07-24 11:54 (29)	4.97		3.7 - 11
		Day 57	2020-08-24 11:53 (32)	4.75		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-12 12:15 (-14)	2.03		0.9 - 3.6
		Day 29	2020-07-24 11:54 (29)	1.78		0.9 - 3.6
		Day 57	2020-08-24 11:53 (32)	1.88		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-12 12:15 (-14)	40.0		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041127	Lymphocytes/Leukocytes (%)	Day 29	2020-07-24 11:54 (29)	35.8		12 - 46
		Day 57	2020-08-24 11:53 (32)	39.6		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-12 12:15 (-14)	0.42		0 - 1.2
		Day 29	2020-07-24 11:54 (29)	0.36		0 - 1.2
		Day 57	2020-08-24 11:53 (32)	0.35		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-12 12:15 (-14)	8.3		0 - 11
		Day 29	2020-07-24 11:54 (29)	7.2		0 - 11
		Day 57	2020-08-24 11:53 (32)	7.4		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-12 12:15 (-14)	2.47		1.7 - 7.9
		Day 29	2020-07-24 11:54 (29)	2.71		1.7 - 7.9
		Day 57	2020-08-24 11:53 (32)	2.39		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-12 12:15 (-14)	48.5		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041127	Neutrophils/Leukocytes (%)	Day 29	2020-07-24 11:54 (29)	54.6		34 - 71
		Day 57	2020-08-24 11:53 (32)	50.3		34 - 71
	Platelets (10^9/L)	Screening	2020-06-12 12:15 (-14)	231		163 - 375
		Day 29	2020-07-24 11:54 (29)	237		163 - 375
		Day 57	2020-08-24 11:53 (32)	219		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-12 12:15 (-14)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-12 12:15 (-14)	12.0		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-12 12:15 (-14)	6.07		1.78 - 7.14
		Day 29	2020-07-24 11:54 (29)	3.57		1.78 - 7.14
		Day 57	2020-08-24 11:53 (32)	3.93		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-12 12:15 (-14)	21.2		7.8 - 26.7
		Day 29	2020-07-24 11:54 (29)	14.3		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041127	Urea Nitrogen/Creatinine	Day 57	2020-08-24 11:53 (32)	13.8		7.8 - 26.7
US2041130	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-15 09:26 (-11)	30.7		25.1 - 36.5
		Day 57	2020-08-18 11:19 (26)	34.0		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-15 09:26 (-11)	29		10 - 40
		Day 29	2020-07-24 09:31 (29)	23		10 - 40
		Day 57	2020-08-18 11:19 (26)	14		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-15 09:26 (-11)	80		43 - 115
		Day 29	2020-07-24 09:31 (29)	70		43 - 115
		Day 57	2020-08-18 11:19 (26)	75		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-15 09:26 (-11)	17		10 - 43
		Day 29	2020-07-24 09:31 (29)	19		10 - 43
		Day 57	2020-08-18 11:19 (26)	12		10 - 43

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041130	Basophils (10^9/L)	Screening	2020-06-15 09:26 (-11)	0.12		0 - 0.3
		Day 29	2020-07-24 09:31 (29)	0.10		0 - 0.3
		Day 57	2020-08-18 11:19 (26)	0.07		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-15 09:26 (-11)	1.9		0 - 3
		Day 29	2020-07-24 09:31 (29)	1.2		0 - 3
		Day 57	2020-08-18 11:19 (26)	1.0		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-15 09:26 (-11)	3.9		- 18.8
		Day 29	2020-07-24 09:31 (29)	5.6		- 18.8
		Day 57	2020-08-18 11:19 (26)	<2.6		- 18.8
	Creatinine (umol/L)	Screening	2020-06-15 09:26 (-11)	88		62 - 124
		Day 29	2020-07-24 09:31 (29)	62		62 - 124
		Day 57	2020-08-18 11:19 (26)	71		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041130	Direct Bilirubin (umol/L)	Screening	2020-06-15 09:26 (-11)	<3.4		0 - 6.8
		Day 29	2020-07-24 09:31 (29)	<3.4		0 - 6.8
		Day 57	2020-08-18 11:19 (26)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-15 09:26 (-11)	0.28		0 - 0.8
		Day 29	2020-07-24 09:31 (29)	0.32		0 - 0.8
		Day 57	2020-08-18 11:19 (26)	0.06		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-15 09:26 (-11)	4.5		0 - 7
		Day 29	2020-07-24 09:31 (29)	3.7		0 - 7
		Day 57	2020-08-18 11:19 (26)	0.8		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-15 09:26 (-11)	4.84		4.63 - 6.08
		Day 29	2020-07-24 09:31 (29)	4.90		4.63 - 6.08
		Day 57	2020-08-18 11:19 (26)	5.00		4.63 - 6.08

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041130	Hematocrit (L/L)	Screening	2020-06-15 09:26 (-11)	0.442		0.37 - 0.51
		Day 29	2020-07-24 09:31 (29)	0.453		0.37 - 0.51
		Day 57	2020-08-18 11:19 (26)	0.454		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-15 09:26 (-11)	134	G1 Hemoglobin Decreased	125 - 170
		Day 29	2020-07-24 09:31 (29)	136		125 - 170
		Day 57	2020-08-18 11:19 (26)	137		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-15 09:26 (-11)	<0.03		0 - 0.07
		Day 29	2020-07-24 09:31 (29)	0.03		0 - 0.07
		Day 57	2020-08-18 11:19 (26)	0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-15 09:26 (-11)	0.2		0 - 1
		Day 29	2020-07-24 09:31 (29)	0.3		0 - 1
		Day 57	2020-08-18 11:19 (26)	0.4		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041130	Leukocytes (10^9/L)	Screening	2020-06-15 09:26 (-11)	6.28		3.7 - 11
		Day 29	2020-07-24 09:31 (29)	8.58		3.7 - 11
		Day 57	2020-08-18 11:19 (26)	7.18		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-15 09:26 (-11)	1.99		0.9 - 3.6
		Day 29	2020-07-24 09:31 (29)	2.02		0.9 - 3.6
		Day 57	2020-08-18 11:19 (26)	0.97	G1 Lymphocytes Decreased	0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-15 09:26 (-11)	31.7		12 - 46
		Day 29	2020-07-24 09:31 (29)	23.5		12 - 46
		Day 57	2020-08-18 11:19 (26)	13.5		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-15 09:26 (-11)	0.66		0 - 1.2
		Day 29	2020-07-24 09:31 (29)	0.58		0 - 1.2
		Day 57	2020-08-18 11:19 (26)	0.48		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041130	Monocytes/Leukocytes (%)	Screening	2020-06-15 09:26 (-11)	10.5		0 - 11
		Day 29	2020-07-24 09:31 (29)	6.8		0 - 11
		Day 57	2020-08-18 11:19 (26)	6.7		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-15 09:26 (-11)	3.22		1.7 - 7.9
		Day 29	2020-07-24 09:31 (29)	5.53		1.7 - 7.9
		Day 57	2020-08-18 11:19 (26)	5.57		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-15 09:26 (-11)	51.2		34 - 71
		Day 29	2020-07-24 09:31 (29)	64.5		34 - 71
		Day 57	2020-08-18 11:19 (26)	77.6 (H)		34 - 71
	Platelets (10^9/L)	Screening	2020-06-15 09:26 (-11)	290		163 - 375
		Day 29	2020-07-24 09:31 (29)	318		163 - 375
		Day 57	2020-08-18 11:19 (26)	275		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041130	Prothrombin Intl. Normalized Ratio	Screening	2020-06-15 09:26 (-11)	0.9		0.9 - 1.1
		Day 57	2020-08-18 11:19 (26)	1.1		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-15 09:26 (-11)	11.0		9.4 - 12.5
		Day 57	2020-08-18 11:19 (26)	13.7 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-15 09:26 (-11)	7.14		1.78 - 7.14
		Day 29	2020-07-24 09:31 (29)	4.28		1.78 - 7.14
		Day 57	2020-08-18 11:19 (26)	5.00		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-15 09:26 (-11)	20.0		7.8 - 26.7
		Day 29	2020-07-24 09:31 (29)	17.1		7.8 - 26.7
		Day 57	2020-08-18 11:19 (26)	17.5		7.8 - 26.7
US2041139	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-16 10:49 (-13)	28.7		25.1 - 36.5
		Day 29	2020-07-28 10:51 (30)	27.9		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041139	Alanine Aminotransferase (U/L)	Screening	2020-06-16 10:49 (-13)	19		10 - 40
		Day 29	2020-07-28 10:51 (30)	18		10 - 40
		Day 57	2020-08-25 17:17 (29)	15		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-16 10:49 (-13)	65		43 - 115
		Day 29	2020-07-28 10:51 (30)	61		43 - 115
		Day 57	2020-08-25 17:17 (29)	63		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-16 10:49 (-13)	24		10 - 43
		Day 29	2020-07-28 10:51 (30)	24		10 - 43
		Day 57	2020-08-25 17:17 (29)	23		10 - 43
	Basophils (10^9/L)	Screening	2020-06-16 10:49 (-13)	0.05		0 - 0.3
		Day 29	2020-07-28 10:51 (30)	0.06		0 - 0.3
		Day 57	2020-08-25 17:17 (29)	0.08		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041139	Basophils/Leukocytes (%)	Screening	2020-06-16 10:49 (-13)	0.8		0 - 3
		Day 29	2020-07-28 10:51 (30)	0.9		0 - 3
		Day 57	2020-08-25 17:17 (29)	1.4		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-16 10:49 (-13)	7.4		- 18.8
		Day 29	2020-07-28 10:51 (30)	9.1		- 18.8
		Day 57	2020-08-25 17:17 (29)	4.3		- 18.8
	Creatinine (umol/L)	Screening	2020-06-16 10:49 (-13)	71		62 - 124
		Day 29	2020-07-28 10:51 (30)	71		62 - 124
		Day 57	2020-08-25 17:17 (29)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-16 10:49 (-13)	<3.4		0 - 6.8
		Day 29	2020-07-28 10:51 (30)	<3.4		0 - 6.8
		Day 57	2020-08-25 17:17 (29)	<3.4		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041139	Eosinophils (10^9/L)	Screening	2020-06-16 10:49 (-13)	0.10		0 - 0.8
		Day 29	2020-07-28 10:51 (30)	0.16		0 - 0.8
		Day 57	2020-08-25 17:17 (29)	0.14		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-16 10:49 (-13)	1.6		0 - 7
		Day 29	2020-07-28 10:51 (30)	2.3		0 - 7
		Day 57	2020-08-25 17:17 (29)	2.5		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-16 10:49 (-13)	5.34		4.63 - 6.08
		Day 29	2020-07-28 10:51 (30)	5.29		4.63 - 6.08
		Day 57	2020-08-25 17:17 (29)	5.28		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-16 10:49 (-13)	0.533 (H)		0.37 - 0.51
		Day 29	2020-07-28 10:51 (30)	0.523 (H)		0.37 - 0.51
		Day 57	2020-08-25 17:17 (29)	0.520 (H)		0.37 - 0.51

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041139	Hemoglobin (g/L)	Screening	2020-06-16 10:49 (-13)	155		125 - 170
		Day 29	2020-07-28 10:51 (30)	152	G1 Hemoglobin Decreased	125 - 170
		Day 57	2020-08-25 17:17 (29)	155		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-16 10:49 (-13)	0.04		0 - 0.07
		Day 29	2020-07-28 10:51 (30)	0.03		0 - 0.07
		Day 57	2020-08-25 17:17 (29)	0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-16 10:49 (-13)	0.6		0 - 1
		Day 29	2020-07-28 10:51 (30)	0.4		0 - 1
		Day 57	2020-08-25 17:17 (29)	0.5		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-16 10:49 (-13)	6.18		3.7 - 11
		Day 29	2020-07-28 10:51 (30)	6.92		3.7 - 11
		Day 57	2020-08-25 17:17 (29)	5.58		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041139	Lymphocytes (10^9/L)	Screening	2020-06-16 10:49 (-13)	1.07		0.9 - 3.6
		Day 29	2020-07-28 10:51 (30)	1.35		0.9 - 3.6
		Day 57	2020-08-25 17:17 (29)	1.45		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-16 10:49 (-13)	17.3		12 - 46
		Day 29	2020-07-28 10:51 (30)	19.5		12 - 46
		Day 57	2020-08-25 17:17 (29)	26.0		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-16 10:49 (-13)	0.47		0 - 1.2
		Day 29	2020-07-28 10:51 (30)	0.67		0 - 1.2
		Day 57	2020-08-25 17:17 (29)	0.49		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-16 10:49 (-13)	7.6		0 - 11
		Day 29	2020-07-28 10:51 (30)	9.7		0 - 11
		Day 57	2020-08-25 17:17 (29)	8.8		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041139	Neutrophils (10^9/L)	Screening	2020-06-16 10:49 (-13)	4.45		1.7 - 7.9
		Day 29	2020-07-28 10:51 (30)	4.65		1.7 - 7.9
		Day 57	2020-08-25 17:17 (29)	3.39		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-16 10:49 (-13)	72.1 (H)		34 - 71
		Day 29	2020-07-28 10:51 (30)	67.2		34 - 71
		Day 57	2020-08-25 17:17 (29)	60.8		34 - 71
	Platelets (10^9/L)	Screening	2020-06-16 10:49 (-13)	357		163 - 375
		Day 29	2020-07-28 10:51 (30)	272		163 - 375
		Day 57	2020-08-25 17:17 (29)	296		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-16 10:49 (-13)	1.0		0.9 - 1.1
		Day 29	2020-07-28 10:51 (30)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-16 10:49 (-13)	11.1		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041139	Prothrombin Time (sec)	Day 29	2020-07-28 10:51 (30)	12.0		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-16 10:49 (-13)	5.35		1.78 - 7.14
		Day 29	2020-07-28 10:51 (30)	6.07		1.78 - 7.14
		Day 57	2020-08-25 17:17 (29)	5.00		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-16 10:49 (-13)	18.8		7.8 - 26.7
		Day 29	2020-07-28 10:51 (30)	21.2		7.8 - 26.7
		Day 57	2020-08-25 17:17 (29)	17.5		7.8 - 26.7
US2041145	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-17 09:37 (-15)	32.4		25.1 - 36.5
		Day 29	2020-07-31 08:40 (30)	33.3		25.1 - 36.5
		Day 57	2020-08-28 08:38 (29)	30.1		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-17 09:37 (-15)	26		10 - 33
		Unscheduled	2020-06-25 11:45 (-7)	23		10 - 33

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041145	Alanine Aminotransferase (U/L)	Day 29	2020-07-31 08:40 (30)	24		10 - 33
		Day 57	2020-08-28 08:38 (29)	20		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-17 09:37 (-15)	78		30 - 115
		Unscheduled	2020-06-25 11:45 (-7)	73		30 - 115
		Day 29	2020-07-31 08:40 (30)	75		30 - 115
		Day 57	2020-08-28 08:38 (29)	70		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-17 09:37 (-15)	40 (H)	G1 Aspartate Aminotransferase Increased	10 - 36
		Unscheduled	2020-06-25 11:45 (-7)	32		10 - 36
		Day 29	2020-07-31 08:40 (30)	35		10 - 36
		Day 57	2020-08-28 08:38 (29)	24		10 - 36
	Basophils (10^9/L)	Screening	2020-06-17 09:37 (-15)	0.03		0 - 0.3
		Day 29	2020-07-31 08:40 (30)	0.03		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041145	Basophils (10^9/L)	Day 57	2020-08-28 08:38 (29)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-17 09:37 (-15)	0.8		0 - 3
		Day 29	2020-07-31 08:40 (30)	0.7		0 - 3
		Day 57	2020-08-28 08:38 (29)	0.9		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-17 09:37 (-15)	6.5		- 18.8
		Unscheduled	2020-06-25 11:45 (-7)	8.0		- 18.8
		Day 29	2020-07-31 08:40 (30)	7.2		- 18.8
		Day 57	2020-08-28 08:38 (29)	7.2		- 18.8
	Creatinine (umol/L)	Screening	2020-06-17 09:37 (-15)	71		62 - 124
		Unscheduled	2020-06-25 11:45 (-7)	71		62 - 124
		Day 29	2020-07-31 08:40 (30)	80		62 - 124
		Day 57	2020-08-28 08:38 (29)	62		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041145	Direct Bilirubin (umol/L)	Screening	2020-06-17 09:37 (-15)	<3.4		0 - 6.8
		Unscheduled	2020-06-25 11:45 (-7)	<3.4		0 - 6.8
		Day 29	2020-07-31 08:40 (30)	<3.4		0 - 6.8
		Day 57	2020-08-28 08:38 (29)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-17 09:37 (-15)	0.17		0 - 0.8
		Day 29	2020-07-31 08:40 (30)	0.20		0 - 0.8
		Day 57	2020-08-28 08:38 (29)	0.23		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-17 09:37 (-15)	4.8		0 - 7
		Day 29	2020-07-31 08:40 (30)	4.9		0 - 7
		Day 57	2020-08-28 08:38 (29)	6.9		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-17 09:37 (-15)	4.53		3.7 - 5.2
		Day 29	2020-07-31 08:40 (30)	4.56		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041145	Erythrocytes (10^12/L)	Day 57	2020-08-28 08:38 (29)	4.46		3.7 - 5.2
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-17 09:37 (-15)	89.7 (H)		1.7 - 21.5
	Hematocrit (L/L)	Screening	2020-06-17 09:37 (-15)	0.454		0.33 - 0.47
		Day 29	2020-07-31 08:40 (30)	0.457		0.33 - 0.47
		Day 57	2020-08-28 08:38 (29)	0.443		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-17 09:37 (-15)	138		110 - 155
		Day 29	2020-07-31 08:40 (30)	137	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-28 08:38 (29)	137	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-17 09:37 (-15)	<0.03		0 - 0.07
		Day 29	2020-07-31 08:40 (30)	<0.03		0 - 0.07
		Day 57	2020-08-28 08:38 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-17 09:37 (-15)	0.3		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041145	Immature Granulocytes/Leukocytes (%)	Day 29	2020-07-31 08:40 (30)	0.2		0 - 1
		Day 57	2020-08-28 08:38 (29)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-17 09:37 (-15)	3.53 (L)		3.7 - 11
		Day 29	2020-07-31 08:40 (30)	4.05		3.7 - 11
		Day 57	2020-08-28 08:38 (29)	3.33 (L)	G1 WBC Decreased	3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-17 09:37 (-15)	1.20		0.9 - 3.6
		Day 29	2020-07-31 08:40 (30)	1.14		0.9 - 3.6
		Day 57	2020-08-28 08:38 (29)	1.18		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-17 09:37 (-15)	34.0		12 - 46
		Day 29	2020-07-31 08:40 (30)	28.1		12 - 46
		Day 57	2020-08-28 08:38 (29)	35.4		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-17 09:37 (-15)	0.25		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041145	Monocytes (10^9/L)	Day 29	2020-07-31 08:40 (30)	0.29		0 - 1.2
		Day 57	2020-08-28 08:38 (29)	0.21		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-17 09:37 (-15)	7.1		0 - 11
		Day 29	2020-07-31 08:40 (30)	7.2		0 - 11
		Day 57	2020-08-28 08:38 (29)	6.3		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-17 09:37 (-15)	1.87	G1 Neutrophils Decreased	1.7 - 7.9
		Day 29	2020-07-31 08:40 (30)	2.38		1.7 - 7.9
		Day 57	2020-08-28 08:38 (29)	1.67 (L)	G1 Neutrophils Decreased	1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-17 09:37 (-15)	53.0		34 - 71
		Day 29	2020-07-31 08:40 (30)	58.9		34 - 71
		Day 57	2020-08-28 08:38 (29)	50.2		34 - 71
	Platelets (10^9/L)	Screening	2020-06-17 09:37 (-15)	265		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041145	Platelets (10^9/L)	Day 29	2020-07-31 08:40 (30)	261		163 - 375
		Day 57	2020-08-28 08:38 (29)	289		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-17 09:37 (-15)	0.8 (L)		0.9 - 1.1
		Day 29	2020-07-31 08:40 (30)	1.0		0.9 - 1.1
		Day 57	2020-08-28 08:38 (29)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-17 09:37 (-15)	9.7		9.4 - 12.5
		Day 29	2020-07-31 08:40 (30)	11.6		9.4 - 12.5
		Day 57	2020-08-28 08:38 (29)	11.4		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-17 09:37 (-15)	6.43		1.78 - 7.14
		Unscheduled	2020-06-25 11:45 (-7)	6.43		1.78 - 7.14
		Day 29	2020-07-31 08:40 (30)	5.00		1.78 - 7.14
		Day 57	2020-08-28 08:38 (29)	5.71		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041145	Urea Nitrogen/Creatinine	Screening	2020-06-17 09:37 (-15)	22.5		7.8 - 26.7
		Unscheduled	2020-06-25 11:45 (-7)	22.5		7.8 - 26.7
		Day 29	2020-07-31 08:40 (30)	15.6		7.8 - 26.7
		Day 57	2020-08-28 08:38 (29)	22.9		7.8 - 26.7
US2041150	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-18 10:55 (-13)	28.4		25.1 - 36.5
		Day 29	2020-08-03 09:17 (34)	30.7		25.1 - 36.5
		Day 57	2020-09-02 11:24 (31)	26.3		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-18 10:55 (-13)	17		10 - 33
		Day 29	2020-08-03 09:17 (34)	16		10 - 33
		Day 57	2020-09-02 11:24 (31)	16		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-18 10:55 (-13)	69		30 - 115
		Day 29	2020-08-03 09:17 (34)	68		30 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041150	Alkaline Phosphatase (U/L)	Day 57	2020-09-02 11:24 (31)	69		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-18 10:55 (-13)	19		10 - 36
		Day 29	2020-08-03 09:17 (34)	17		10 - 36
		Day 57	2020-09-02 11:24 (31)	16		10 - 36
	Basophils (10^9/L)	Screening	2020-06-18 10:55 (-13)	0.05		0 - 0.3
		Day 29	2020-08-03 09:17 (34)	0.04		0 - 0.3
		Day 57	2020-09-02 11:24 (31)	0.05		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-18 10:55 (-13)	1.1		0 - 3
		Day 29	2020-08-03 09:17 (34)	0.9		0 - 3
		Day 57	2020-09-02 11:24 (31)	1.0		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-18 10:55 (-13)	6.3		- 18.8
		Day 29	2020-08-03 09:17 (34)	7.4		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041150	Bilirubin (umol/L)	Day 57	2020-09-02 11:24 (31)	5.8		- 18.8
	Creatinine (umol/L)	Screening	2020-06-18 10:55 (-13)	62		62 - 124
		Day 29	2020-08-03 09:17 (34)	53 (L)		62 - 124
		Day 57	2020-09-02 11:24 (31)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-18 10:55 (-13)	<3.4		0 - 6.8
		Day 29	2020-08-03 09:17 (34)	<3.4		0 - 6.8
		Day 57	2020-09-02 11:24 (31)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-18 10:55 (-13)	0.13		0 - 0.8
		Day 29	2020-08-03 09:17 (34)	0.28		0 - 0.8
		Day 57	2020-09-02 11:24 (31)	0.19		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-18 10:55 (-13)	3.0		0 - 7
		Day 29	2020-08-03 09:17 (34)	6.3		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041150	Eosinophils/Leukocytes (%)	Day 57	2020-09-02 11:24 (31)	3.7		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-18 10:55 (-13)	4.16		3.7 - 5.2
		Day 29	2020-08-03 09:17 (34)	4.11		3.7 - 5.2
		Day 57	2020-09-02 11:24 (31)	4.03		3.7 - 5.2
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-18 10:55 (-13)	75.8 (H)		1.7 - 21.5
	Hematocrit (L/L)	Screening	2020-06-18 10:55 (-13)	0.433		0.33 - 0.47
		Day 29	2020-08-03 09:17 (34)	0.420		0.33 - 0.47
		Day 57	2020-09-02 11:24 (31)	0.419		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-18 10:55 (-13)	135		110 - 155
		Day 29	2020-08-03 09:17 (34)	133	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-09-02 11:24 (31)	129	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-18 10:55 (-13)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041150	Immature Granulocytes (10^9/L)	Day 29	2020-08-03 09:17 (34)	<0.03		0 - 0.07
		Day 57	2020-09-02 11:24 (31)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-18 10:55 (-13)	0.2		0 - 1
		Day 29	2020-08-03 09:17 (34)	0.2		0 - 1
		Day 57	2020-09-02 11:24 (31)	0.0		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-18 10:55 (-13)	4.35		3.7 - 11
		Day 29	2020-08-03 09:17 (34)	4.48		3.7 - 11
		Day 57	2020-09-02 11:24 (31)	5.14		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-18 10:55 (-13)	1.85		0.9 - 3.6
		Day 29	2020-08-03 09:17 (34)	1.57		0.9 - 3.6
		Day 57	2020-09-02 11:24 (31)	1.74		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-18 10:55 (-13)	42.5		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041150	Lymphocytes/Leukocytes (%)	Day 29	2020-08-03 09:17 (34)	35.0		12 - 46
		Day 57	2020-09-02 11:24 (31)	33.9		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-18 10:55 (-13)	0.28		0 - 1.2
		Day 29	2020-08-03 09:17 (34)	0.41		0 - 1.2
		Day 57	2020-09-02 11:24 (31)	0.30		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-18 10:55 (-13)	6.4		0 - 11
		Day 29	2020-08-03 09:17 (34)	9.2		0 - 11
		Day 57	2020-09-02 11:24 (31)	5.8		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-18 10:55 (-13)	2.03		1.7 - 7.9
		Day 29	2020-08-03 09:17 (34)	2.17		1.7 - 7.9
		Day 57	2020-09-02 11:24 (31)	2.86		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-18 10:55 (-13)	46.8		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041150	Neutrophils/Leukocytes (%)	Day 29	2020-08-03 09:17 (34)	48.4		34 - 71
		Day 57	2020-09-02 11:24 (31)	55.6		34 - 71
	Platelets (10^9/L)	Screening	2020-06-18 10:55 (-13)	243		163 - 375
		Day 29	2020-08-03 09:17 (34)	237		163 - 375
		Day 57	2020-09-02 11:24 (31)	226		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-18 10:55 (-13)	1.0		0.9 - 1.1
		Day 29	2020-08-03 09:17 (34)	1.1		0.9 - 1.1
		Day 57	2020-09-02 11:24 (31)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-18 10:55 (-13)	11.8		9.4 - 12.5
		Day 29	2020-08-03 09:17 (34)	13.0 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
		Day 57	2020-09-02 11:24 (31)	12.5		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-18 10:55 (-13)	3.93		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041150	Urea Nitrogen (mmol/L)	Day 29	2020-08-03 09:17 (34)	6.07		1.78 - 7.14
		Day 57	2020-09-02 11:24 (31)	4.28		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-18 10:55 (-13)	15.7		7.8 - 26.7
		Day 29	2020-08-03 09:17 (34)	28.3 (H)		7.8 - 26.7
		Day 57	2020-09-02 11:24 (31)	20.0		7.8 - 26.7
US2041155	Activated Partial Thromboplastin Time (sec)	Unscheduled	2020-07-02 15:18 (-4)	30.3		25.1 - 36.5
		Day 29	2020-08-03 13:55 (29)	29.3		25.1 - 36.5
		Day 57	2020-08-31 13:46 (29)	31.6		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-29 14:37 (-7)	26		10 - 33
		Unscheduled	2020-07-02 15:18 (-4)	24		10 - 33
		Day 29	2020-08-03 13:55 (29)	24		10 - 33
		Day 57	2020-08-31 13:46 (29)	31		10 - 33

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041155	Alkaline Phosphatase (U/L)	Screening	2020-06-29 14:37 (-7)	77		30 - 115
		Unscheduled	2020-07-02 15:18 (-4)	81		30 - 115
		Day 29	2020-08-03 13:55 (29)	68		30 - 115
		Day 57	2020-08-31 13:46 (29)	74		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-29 14:37 (-7)	25		10 - 36
		Unscheduled	2020-07-02 15:18 (-4)	24		10 - 36
		Day 29	2020-08-03 13:55 (29)	31		10 - 36
		Day 57	2020-08-31 13:46 (29)	28		10 - 36
	Basophils (10^9/L)	Screening	2020-06-29 14:37 (-7)	0.06		0 - 0.3
		Day 29	2020-08-03 13:55 (29)	0.06		0 - 0.3
		Day 57	2020-08-31 13:46 (29)	0.06		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-29 14:37 (-7)	1.1		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041155	Basophils/Leukocytes (%)	Day 29	2020-08-03 13:55 (29)	1.0		0 - 3
		Day 57	2020-08-31 13:46 (29)	1.2		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-29 14:37 (-7)	8.2		- 18.8
		Unscheduled	2020-07-02 15:18 (-4)	8.7		- 18.8
		Day 29	2020-08-03 13:55 (29)	6.3		- 18.8
		Day 57	2020-08-31 13:46 (29)	7.5		- 18.8
	Creatinine (umol/L)	Screening	2020-06-29 14:37 (-7)	62		62 - 124
		Unscheduled	2020-07-02 15:18 (-4)	71		62 - 124
		Day 29	2020-08-03 13:55 (29)	62		62 - 124
		Day 57	2020-08-31 13:46 (29)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-29 14:37 (-7)	<3.4		0 - 6.8
		Unscheduled	2020-07-02 15:18 (-4)	<3.4		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041155	Direct Bilirubin (umol/L)	Day 29	2020-08-03 13:55 (29)	<3.4		0 - 6.8
		Day 57	2020-08-31 13:46 (29)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-29 14:37 (-7)	0.05		0 - 0.8
		Day 29	2020-08-03 13:55 (29)	0.07		0 - 0.8
		Day 57	2020-08-31 13:46 (29)	0.05		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-29 14:37 (-7)	0.9		0 - 7
		Day 29	2020-08-03 13:55 (29)	1.1		0 - 7
		Day 57	2020-08-31 13:46 (29)	1.0		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-29 14:37 (-7)	4.94		3.7 - 5.2
		Day 29	2020-08-03 13:55 (29)	4.73		3.7 - 5.2
		Day 57	2020-08-31 13:46 (29)	4.67		3.7 - 5.2
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-29 14:37 (-7)	107.7 (H)		1.7 - 21.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041155	Hematocrit (L/L)	Screening	2020-06-29 14:37 (-7)	0.460		0.33 - 0.47
		Day 29	2020-08-03 13:55 (29)	0.455		0.33 - 0.47
		Day 57	2020-08-31 13:46 (29)	0.449		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-29 14:37 (-7)	149		110 - 155
		Day 29	2020-08-03 13:55 (29)	142	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-31 13:46 (29)	141	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-29 14:37 (-7)	<0.03		0 - 0.07
		Day 29	2020-08-03 13:55 (29)	<0.03		0 - 0.07
		Day 57	2020-08-31 13:46 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-29 14:37 (-7)	0.2		0 - 1
		Day 29	2020-08-03 13:55 (29)	0.2		0 - 1
		Day 57	2020-08-31 13:46 (29)	0.2		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041155	Leukocytes (10^9/L)	Screening	2020-06-29 14:37 (-7)	5.65		3.7 - 11
		Day 29	2020-08-03 13:55 (29)	6.28		3.7 - 11
		Day 57	2020-08-31 13:46 (29)	4.86		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-29 14:37 (-7)	1.96		0.9 - 3.6
		Day 29	2020-08-03 13:55 (29)	2.09		0.9 - 3.6
		Day 57	2020-08-31 13:46 (29)	1.83		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-29 14:37 (-7)	34.7		12 - 46
		Day 29	2020-08-03 13:55 (29)	33.3		12 - 46
		Day 57	2020-08-31 13:46 (29)	37.7		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-29 14:37 (-7)	0.48		0 - 1.2
		Day 29	2020-08-03 13:55 (29)	0.59		0 - 1.2
		Day 57	2020-08-31 13:46 (29)	0.42		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041155	Monocytes/Leukocytes (%)	Screening	2020-06-29 14:37 (-7)	8.5		0 - 11
		Day 29	2020-08-03 13:55 (29)	9.4		0 - 11
		Day 57	2020-08-31 13:46 (29)	8.6		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-29 14:37 (-7)	3.09		1.7 - 7.9
		Day 29	2020-08-03 13:55 (29)	3.46		1.7 - 7.9
		Day 57	2020-08-31 13:46 (29)	2.49		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-29 14:37 (-7)	54.6		34 - 71
		Day 29	2020-08-03 13:55 (29)	55.0		34 - 71
		Day 57	2020-08-31 13:46 (29)	51.3		34 - 71
	Platelets (10^9/L)	Screening	2020-06-29 14:37 (-7)	296		163 - 375
		Day 29	2020-08-03 13:55 (29)	268		163 - 375
		Day 57	2020-08-31 13:46 (29)	263		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041155	Prothrombin Intl. Normalized Ratio	Screening	2020-06-29 14:37 (-7)	1.1		0.9 - 1.1
		Unscheduled	2020-07-02 15:18 (-4)	1.0		0.9 - 1.1
		Day 29	2020-08-03 13:55 (29)	1.0		0.9 - 1.1
		Day 57	2020-08-31 13:46 (29)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-29 14:37 (-7)	12.6 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
		Unscheduled	2020-07-02 15:18 (-4)	11.5		9.4 - 12.5
		Day 29	2020-08-03 13:55 (29)	11.9		9.4 - 12.5
		Day 57	2020-08-31 13:46 (29)	12.1		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-29 14:37 (-7)	8.21 (H)	G1 Blood Urea Nitrogen Increased	1.78 - 7.14
		Unscheduled	2020-07-02 15:18 (-4)	7.14		1.78 - 7.14
		Day 29	2020-08-03 13:55 (29)	7.50 (H)		1.78 - 7.14
		Day 57	2020-08-31 13:46 (29)	6.78		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041155	Urea Nitrogen/Creatinine	Screening	2020-06-29 14:37 (-7)	32.9 (H)		7.8 - 26.7
		Unscheduled	2020-07-02 15:18 (-4)	25.0		7.8 - 26.7
		Day 29	2020-08-03 13:55 (29)	30.0 (H)		7.8 - 26.7
		Day 57	2020-08-31 13:46 (29)	23.8		7.8 - 26.7
US2051057	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-15 10:57 (-11)	27.0		25.1 - 36.5
		Day 29	2020-07-24 08:31 (29)	27.4		25.1 - 36.5
		Day 57	2020-08-24 08:12 (32)	25.8		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-15 10:57 (-11)	15		10 - 33
		Day 29	2020-07-24 08:31 (29)	15		10 - 33
		Day 57	2020-08-24 08:12 (32)	17		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-15 10:57 (-11)	48		30 - 115
		Day 29	2020-07-24 08:31 (29)	47		30 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051057	Alkaline Phosphatase (U/L)	Day 57	2020-08-24 08:12 (32)	51		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-15 10:57 (-11)	32		10 - 36
		Day 29	2020-07-24 08:31 (29)	27		10 - 36
		Day 57	2020-08-24 08:12 (32)	30		10 - 36
	Basophils (10^9/L)	Screening	2020-06-15 10:57 (-11)	0.11		0 - 0.3
		Day 29	2020-07-24 08:31 (29)	0.09		0 - 0.3
		Day 57	2020-08-24 08:12 (32)	0.10		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-15 10:57 (-11)	1.5		0 - 3
		Day 29	2020-07-24 08:31 (29)	1.6		0 - 3
		Day 57	2020-08-24 08:12 (32)	1.8		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-15 10:57 (-11)	5.6		- 18.8
		Day 29	2020-07-24 08:31 (29)	8.0		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051057	Bilirubin (umol/L)	Day 57	2020-08-24 08:12 (32)	7.7		- 18.8
	Creatinine (umol/L)	Screening	2020-06-15 10:57 (-11)	53 (L)		62 - 124
		Day 29	2020-07-24 08:31 (29)	44 (L)		62 - 124
		Day 57	2020-08-24 08:12 (32)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-15 10:57 (-11)	<3.4		0 - 6.8
		Day 29	2020-07-24 08:31 (29)	<3.4		0 - 6.8
		Day 57	2020-08-24 08:12 (32)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-15 10:57 (-11)	0.57		0 - 0.8
		Day 29	2020-07-24 08:31 (29)	0.30		0 - 0.8
		Day 57	2020-08-24 08:12 (32)	0.17		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-15 10:57 (-11)	8.0 (H)		0 - 7
		Day 29	2020-07-24 08:31 (29)	5.2		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051057	Eosinophils/Leukocytes (%)	Day 57	2020-08-24 08:12 (32)	3.0		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-15 10:57 (-11)	3.82		3.7 - 5.2
		Day 29	2020-07-24 08:31 (29)	3.84		3.7 - 5.2
		Day 57	2020-08-24 08:12 (32)	3.63 (L)		3.7 - 5.2
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-15 10:57 (-11)	73.5 (H)		1.7 - 21.5
	Hematocrit (L/L)	Screening	2020-06-15 10:57 (-11)	0.399		0.33 - 0.47
		Day 29	2020-07-24 08:31 (29)	0.417		0.33 - 0.47
		Day 57	2020-08-24 08:12 (32)	0.400		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-15 10:57 (-11)	125		110 - 155
		Day 29	2020-07-24 08:31 (29)	127		110 - 155
		Day 57	2020-08-24 08:12 (32)	118	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-15 10:57 (-11)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051057	Immature Granulocytes (10^9/L)	Day 29	2020-07-24 08:31 (29)	<0.03		0 - 0.07
		Day 57	2020-08-24 08:12 (32)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-15 10:57 (-11)	0.1		0 - 1
		Day 29	2020-07-24 08:31 (29)	0.3		0 - 1
		Day 57	2020-08-24 08:12 (32)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-15 10:57 (-11)	7.14		3.7 - 11
		Day 29	2020-07-24 08:31 (29)	5.73		3.7 - 11
		Day 57	2020-08-24 08:12 (32)	5.66		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-15 10:57 (-11)	2.38		0.9 - 3.6
		Day 29	2020-07-24 08:31 (29)	2.17		0.9 - 3.6
		Day 57	2020-08-24 08:12 (32)	2.35		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-15 10:57 (-11)	33.3		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051057	Lymphocytes/Leukocytes (%)	Day 29	2020-07-24 08:31 (29)	37.9		12 - 46
		Day 57	2020-08-24 08:12 (32)	41.5		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-15 10:57 (-11)	0.74		0 - 1.2
		Day 29	2020-07-24 08:31 (29)	0.68		0 - 1.2
		Day 57	2020-08-24 08:12 (32)	0.85		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-15 10:57 (-11)	10.4		0 - 11
		Day 29	2020-07-24 08:31 (29)	11.9 (H)		0 - 11
		Day 57	2020-08-24 08:12 (32)	15.0 (H)		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-15 10:57 (-11)	3.33		1.7 - 7.9
		Day 29	2020-07-24 08:31 (29)	2.47		1.7 - 7.9
		Day 57	2020-08-24 08:12 (32)	2.18		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-15 10:57 (-11)	46.7		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051057	Neutrophils/Leukocytes (%)	Day 29	2020-07-24 08:31 (29)	43.1		34 - 71
		Day 57	2020-08-24 08:12 (32)	38.5		34 - 71
	Platelets (10^9/L)	Screening	2020-06-15 10:57 (-11)	238		163 - 375
		Day 29	2020-07-24 08:31 (29)	278		163 - 375
		Day 57	2020-08-24 08:12 (32)	240		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-15 10:57 (-11)	0.9		0.9 - 1.1
		Day 29	2020-07-24 08:31 (29)	0.9		0.9 - 1.1
		Day 57	2020-08-24 08:12 (32)	0.8 (L)		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-15 10:57 (-11)	10.1		9.4 - 12.5
		Day 29	2020-07-24 08:31 (29)	10.6		9.4 - 12.5
		Day 57	2020-08-24 08:12 (32)	10.1		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-15 10:57 (-11)	5.00		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051057	Urea Nitrogen (mmol/L)	Day 29	2020-07-24 08:31 (29)	4.64		1.78 - 7.14
		Day 57	2020-08-24 08:12 (32)	4.28		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-15 10:57 (-11)	23.3		7.8 - 26.7
		Day 29	2020-07-24 08:31 (29)	26.0		7.8 - 26.7
		Day 57	2020-08-24 08:12 (32)	20.0		7.8 - 26.7
US2051059	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-15 15:04 (-11)	29.6		25.1 - 36.5
		Day 29	2020-07-27 12:42 (32)	27.8		25.1 - 36.5
		Day 57	2020-08-18 15:07 (23)	27.5		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-15 15:04 (-11)	23		10 - 33
		Day 29	2020-07-27 12:42 (32)	23		10 - 33
		Day 57	2020-08-18 15:07 (23)	22		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-15 15:04 (-11)	82		30 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051059	Alkaline Phosphatase (U/L)	Day 29	2020-07-27 12:42 (32)	68		30 - 115
		Day 57	2020-08-18 15:07 (23)	73		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-15 15:04 (-11)	22		10 - 36
		Day 29	2020-07-27 12:42 (32)	27		10 - 36
		Day 57	2020-08-18 15:07 (23)	22		10 - 36
	Basophils (10^9/L)	Screening	2020-06-15 15:04 (-11)	0.08		0 - 0.3
		Day 29	2020-07-27 12:42 (32)	0.08		0 - 0.3
		Day 57	2020-08-18 15:07 (23)	0.08		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-15 15:04 (-11)	1.6		0 - 3
		Day 29	2020-07-27 12:42 (32)	1.4		0 - 3
		Day 57	2020-08-18 15:07 (23)	1.6		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-15 15:04 (-11)	3.9		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051059	Bilirubin (umol/L)	Day 29	2020-07-27 12:42 (32)	5.8		- 18.8
		Day 57	2020-08-18 15:07 (23)	3.6		- 18.8
	Creatinine (umol/L)	Screening	2020-06-15 15:04 (-11)	62		62 - 124
		Day 29	2020-07-27 12:42 (32)	71		62 - 124
		Day 57	2020-08-18 15:07 (23)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-15 15:04 (-11)	<3.4		0 - 6.8
		Day 29	2020-07-27 12:42 (32)	<3.4		0 - 6.8
		Day 57	2020-08-18 15:07 (23)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-15 15:04 (-11)	0.20		0 - 0.8
		Day 29	2020-07-27 12:42 (32)	0.30		0 - 0.8
		Day 57	2020-08-18 15:07 (23)	0.27		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-15 15:04 (-11)	4.0		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051059	Eosinophils/Leukocytes (%)	Day 29	2020-07-27 12:42 (32)	5.3		0 - 7
		Day 57	2020-08-18 15:07 (23)	5.3		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-15 15:04 (-11)	4.34		3.7 - 5.2
		Day 29	2020-07-27 12:42 (32)	4.18		3.7 - 5.2
		Day 57	2020-08-18 15:07 (23)	4.21		3.7 - 5.2
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-15 15:04 (-11)	65.8 (H)		1.7 - 21.5
	Hematocrit (L/L)	Screening	2020-06-15 15:04 (-11)	0.448		0.33 - 0.47
		Day 29	2020-07-27 12:42 (32)	0.484 (H)		0.33 - 0.47
		Day 57	2020-08-18 15:07 (23)	0.437		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-15 15:04 (-11)	140		110 - 155
		Day 29	2020-07-27 12:42 (32)	137	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-18 15:07 (23)	137	G1 Hemoglobin Decreased	110 - 155

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051059	Immature Granulocytes (10^9/L)	Screening	2020-06-15 15:04 (-11)	<0.03		0 - 0.07
		Day 29	2020-07-27 12:42 (32)	0.07		0 - 0.07
		Day 57	2020-08-18 15:07 (23)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-15 15:04 (-11)	0.4		0 - 1
		Day 29	2020-07-27 12:42 (32)	1.2 (H)		0 - 1
		Day 57	2020-08-18 15:07 (23)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-15 15:04 (-11)	5.02		3.7 - 11
		Day 29	2020-07-27 12:42 (32)	5.63		3.7 - 11
		Day 57	2020-08-18 15:07 (23)	5.10		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-15 15:04 (-11)	1.59		0.9 - 3.6
		Day 29	2020-07-27 12:42 (32)	1.98		0.9 - 3.6
		Day 57	2020-08-18 15:07 (23)	2.25		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051059	Lymphocytes/Leukocytes (%)	Screening	2020-06-15 15:04 (-11)	31.7		12 - 46
		Day 29	2020-07-27 12:42 (32)	35.2		12 - 46
		Day 57	2020-08-18 15:07 (23)	44.1		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-15 15:04 (-11)	0.32		0 - 1.2
		Day 29	2020-07-27 12:42 (32)	0.49		0 - 1.2
		Day 57	2020-08-18 15:07 (23)	0.37		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-15 15:04 (-11)	6.4		0 - 11
		Day 29	2020-07-27 12:42 (32)	8.7		0 - 11
		Day 57	2020-08-18 15:07 (23)	7.3		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-15 15:04 (-11)	2.81		1.7 - 7.9
		Day 29	2020-07-27 12:42 (32)	2.71		1.7 - 7.9
		Day 57	2020-08-18 15:07 (23)	2.12		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051059	Neutrophils/Leukocytes (%)	Screening	2020-06-15 15:04 (-11)	55.9		34 - 71
		Day 29	2020-07-27 12:42 (32)	48.2		34 - 71
		Day 57	2020-08-18 15:07 (23)	41.5		34 - 71
	Platelets (10^9/L)	Screening	2020-06-15 15:04 (-11)	259		163 - 375
		Day 29	2020-07-27 12:42 (32)	273		163 - 375
		Day 57	2020-08-18 15:07 (23)	287		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-15 15:04 (-11)	0.9		0.9 - 1.1
		Day 29	2020-07-27 12:42 (32)	0.9		0.9 - 1.1
		Day 57	2020-08-18 15:07 (23)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-15 15:04 (-11)	10.5		9.4 - 12.5
		Day 29	2020-07-27 12:42 (32)	11.2		9.4 - 12.5
		Day 57	2020-08-18 15:07 (23)	10.9		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051059	Urea Nitrogen (mmol/L)	Screening	2020-06-15 15:04 (-11)	5.35		1.78 - 7.14
		Day 29	2020-07-27 12:42 (32)	8.21 (H)	G1 Blood Urea Nitrogen Increased	1.78 - 7.14
		Day 57	2020-08-18 15:07 (23)	7.50 (H)		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-15 15:04 (-11)	21.4		7.8 - 26.7
		Day 29	2020-07-27 12:42 (32)	28.8 (H)		7.8 - 26.7
		Day 57	2020-08-18 15:07 (23)	30.0 (H)		7.8 - 26.7
US2051060	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-16 09:25 (-10)	31.9		25.1 - 36.5
		Day 29	2020-07-28 09:15 (33)	28.3		25.1 - 36.5
		Day 57	2020-08-24 12:55 (28)	28.5		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-16 09:25 (-10)	16		10 - 33
		Day 29	2020-07-28 09:15 (33)	12		10 - 33

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051060	Alanine Aminotransferase (U/L)	Day 57	2020-08-24 12:55 (28)	11		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-16 09:25 (-10)	73		30 - 115
		Day 29	2020-07-28 09:15 (33)	64		30 - 115
		Day 57	2020-08-24 12:55 (28)	68		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-16 09:25 (-10)	22		10 - 36
		Day 29	2020-07-28 09:15 (33)	18		10 - 36
		Day 57	2020-08-24 12:55 (28)	13		10 - 36
	Basophils (10^9/L)	Screening	2020-06-16 09:25 (-10)	0.04		0 - 0.3
		Day 29	2020-07-28 09:15 (33)	0.03		0 - 0.3
		Day 57	2020-08-24 12:55 (28)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-16 09:25 (-10)	1.1		0 - 3
		Day 29	2020-07-28 09:15 (33)	0.7		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051060	Basophils/Leukocytes (%)	Day 57	2020-08-24 12:55 (28)	0.6		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-16 09:25 (-10)	4.6		- 18.8
		Day 29	2020-07-28 09:15 (33)	7.7		- 18.8
		Day 57	2020-08-24 12:55 (28)	6.8		- 18.8
	Creatinine (umol/L)	Screening	2020-06-16 09:25 (-10)	44 (L)		62 - 124
		Day 29	2020-07-28 09:15 (33)	44 (L)		62 - 124
		Day 57	2020-08-24 12:55 (28)	44 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-16 09:25 (-10)	<3.4		0 - 6.8
		Day 29	2020-07-28 09:15 (33)	<3.4		0 - 6.8
		Day 57	2020-08-24 12:55 (28)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-16 09:25 (-10)	<0.03		0 - 0.8
		Day 29	2020-07-28 09:15 (33)	<0.03		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051060	Eosinophils (10^9/L)	Day 57	2020-08-24 12:55 (28)	<0.03		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-16 09:25 (-10)	0.0		0 - 7
		Day 29	2020-07-28 09:15 (33)	0.0		0 - 7
		Day 57	2020-08-24 12:55 (28)	0.2		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-16 09:25 (-10)	4.38		3.7 - 5.2
		Day 29	2020-07-28 09:15 (33)	4.01		3.7 - 5.2
		Day 57	2020-08-24 12:55 (28)	4.06		3.7 - 5.2
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-16 09:25 (-10)	54.2 (H)		1.7 - 21.5
	Hematocrit (L/L)	Screening	2020-06-16 09:25 (-10)	0.430		0.33 - 0.47
		Day 29	2020-07-28 09:15 (33)	0.389		0.33 - 0.47
		Day 57	2020-08-24 12:55 (28)	0.400		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-16 09:25 (-10)	130		110 - 155

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051060	Hemoglobin (g/L)	Day 29	2020-07-28 09:15 (33)	118	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-24 12:55 (28)	118	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-16 09:25 (-10)	<0.03		0 - 0.07
		Day 29	2020-07-28 09:15 (33)	<0.03		0 - 0.07
		Day 57	2020-08-24 12:55 (28)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-16 09:25 (-10)	0.0		0 - 1
		Day 29	2020-07-28 09:15 (33)	0.0		0 - 1
		Day 57	2020-08-24 12:55 (28)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-16 09:25 (-10)	3.78		3.7 - 11
		Day 29	2020-07-28 09:15 (33)	4.11		3.7 - 11
		Day 57	2020-08-24 12:55 (28)	4.78		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-16 09:25 (-10)	1.18		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051060	Lymphocytes (10^9/L)	Day 29	2020-07-28 09:15 (33)	0.99	G1 Lymphocytes Decreased	0.9 - 3.6
		Day 57	2020-08-24 12:55 (28)	1.19		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-16 09:25 (-10)	31.2		12 - 46
		Day 29	2020-07-28 09:15 (33)	24.1		12 - 46
		Day 57	2020-08-24 12:55 (28)	24.9		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-16 09:25 (-10)	0.25		0 - 1.2
		Day 29	2020-07-28 09:15 (33)	0.25		0 - 1.2
		Day 57	2020-08-24 12:55 (28)	0.29		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-16 09:25 (-10)	6.6		0 - 11
		Day 29	2020-07-28 09:15 (33)	6.1		0 - 11
		Day 57	2020-08-24 12:55 (28)	6.1		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-16 09:25 (-10)	2.31		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051060	Neutrophils (10^9/L)	Day 29	2020-07-28 09:15 (33)	2.84		1.7 - 7.9
		Day 57	2020-08-24 12:55 (28)	3.25		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-16 09:25 (-10)	61.1		34 - 71
		Day 29	2020-07-28 09:15 (33)	69.1		34 - 71
		Day 57	2020-08-24 12:55 (28)	68.0		34 - 71
	Platelets (10^9/L)	Screening	2020-06-16 09:25 (-10)	260		163 - 375
		Day 29	2020-07-28 09:15 (33)	258		163 - 375
		Day 57	2020-08-24 12:55 (28)	235		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-16 09:25 (-10)	0.9		0.9 - 1.1
		Day 29	2020-07-28 09:15 (33)	0.9		0.9 - 1.1
		Day 57	2020-08-24 12:55 (28)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-16 09:25 (-10)	10.9		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051060	Prothrombin Time (sec)	Day 29	2020-07-28 09:15 (33)	11.0		9.4 - 12.5
		Day 57	2020-08-24 12:55 (28)	10.9		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-16 09:25 (-10)	5.00		1.78 - 7.14
		Day 29	2020-07-28 09:15 (33)	5.35		1.78 - 7.14
		Day 57	2020-08-24 12:55 (28)	5.71		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-16 09:25 (-10)	28.0 (H)		7.8 - 26.7
		Day 29	2020-07-28 09:15 (33)	30.0 (H)		7.8 - 26.7
		Day 57	2020-08-24 12:55 (28)	32.0 (H)		7.8 - 26.7
US2051068	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-17 15:02 (-13)	34.4		25.1 - 36.5
		Day 29	2020-07-28 12:18 (29)	30.4		25.1 - 36.5
		Day 57	2020-08-25 11:57 (29)	28.6		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-17 15:02 (-13)	18		10 - 40

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051068	Alanine Aminotransferase (U/L)	Unscheduled	2020-06-23 13:20 (-7)	17		10 - 40
		Day 29	2020-07-28 12:18 (29)	15		10 - 40
		Unscheduled	2020-08-11 10:09 (15)	11		10 - 40
		Day 57	2020-08-25 11:57 (29)	12		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-17 15:02 (-13)	52		43 - 115
		Unscheduled	2020-06-23 13:20 (-7)	55		43 - 115
		Day 29	2020-07-28 12:18 (29)	56		43 - 115
		Unscheduled	2020-08-11 10:09 (15)	44		43 - 115
		Day 57	2020-08-25 11:57 (29)	50		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-17 15:02 (-13)	19		10 - 43
		Unscheduled	2020-06-23 13:20 (-7)	20		10 - 43
		Day 29	2020-07-28 12:18 (29)	17		10 - 43

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051068	Aspartate Aminotransferase (U/L)	Unscheduled	2020-08-11 10:09 (15)	20		10 - 43
		Day 57	2020-08-25 11:57 (29)	15		10 - 43
	Basophils (10^9/L)	Screening	2020-06-17 15:02 (-13)	<0.03		0 - 0.3
		Day 29	2020-07-28 12:18 (29)	<0.03		0 - 0.3
		Day 57	2020-08-25 11:57 (29)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-17 15:02 (-13)	0.3		0 - 3
		Day 29	2020-07-28 12:18 (29)	0.3		0 - 3
		Day 57	2020-08-25 11:57 (29)	0.4		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-17 15:02 (-13)	25.3 (H)	G1 Bilirubin Increased	- 18.8
		Unscheduled	2020-06-23 13:20 (-7)	17.4		- 18.8
		Day 29	2020-07-28 12:18 (29)	25.0 (H)	G1 Bilirubin Increased	- 18.8
		Unscheduled	2020-08-11 10:09 (15)	23.4 (H)	G1 Bilirubin Increased	- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051068	Bilirubin (umol/L)	Day 57	2020-08-25 11:57 (29)	22.9 (H)	G1 Bilirubin Increased	- 18.8
	Creatinine (umol/L)	Screening	2020-06-17 15:02 (-13)	88		62 - 124
		Unscheduled	2020-06-23 13:20 (-7)	88		62 - 124
		Day 29	2020-07-28 12:18 (29)	88		62 - 124
		Unscheduled	2020-08-11 10:09 (15)	71		62 - 124
		Day 57	2020-08-25 11:57 (29)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-17 15:02 (-13)	5.0		0 - 6.8
		Unscheduled	2020-06-23 13:20 (-7)	3.9		0 - 6.8
		Day 29	2020-07-28 12:18 (29)	5.3		0 - 6.8
		Unscheduled	2020-08-11 10:09 (15)	5.1		0 - 6.8
		Day 57	2020-08-25 11:57 (29)	5.1		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-17 15:02 (-13)	0.08		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051068	Eosinophils (10^9/L)	Day 29	2020-07-28 12:18 (29)	0.11		0 - 0.8
		Day 57	2020-08-25 11:57 (29)	0.10		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-17 15:02 (-13)	1.3		0 - 7
		Day 29	2020-07-28 12:18 (29)	1.8		0 - 7
		Day 57	2020-08-25 11:57 (29)	1.8		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-17 15:02 (-13)	5.16		4.63 - 6.08
		Day 29	2020-07-28 12:18 (29)	4.84		4.63 - 6.08
		Day 57	2020-08-25 11:57 (29)	4.85		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-17 15:02 (-13)	0.507		0.37 - 0.51
		Day 29	2020-07-28 12:18 (29)	0.477		0.37 - 0.51
		Day 57	2020-08-25 11:57 (29)	0.492		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-17 15:02 (-13)	163		125 - 170

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051068	Hemoglobin (g/L)	Day 29	2020-07-28 12:18 (29)	152	G1 Hemoglobin Decreased	125 - 170
		Day 57	2020-08-25 11:57 (29)	152	G1 Hemoglobin Decreased	125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-17 15:02 (-13)	<0.03		0 - 0.07
		Day 29	2020-07-28 12:18 (29)	<0.03		0 - 0.07
		Day 57	2020-08-25 11:57 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-17 15:02 (-13)	0.2		0 - 1
		Day 29	2020-07-28 12:18 (29)	0.0		0 - 1
		Day 57	2020-08-25 11:57 (29)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-17 15:02 (-13)	6.18		3.7 - 11
		Day 29	2020-07-28 12:18 (29)	6.02		3.7 - 11
		Day 57	2020-08-25 11:57 (29)	5.61		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-17 15:02 (-13)	2.16		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051068	Lymphocytes (10^9/L)	Day 29	2020-07-28 12:18 (29)	2.53		0.9 - 3.6
		Day 57	2020-08-25 11:57 (29)	1.96		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-17 15:02 (-13)	35.0		12 - 46
		Day 29	2020-07-28 12:18 (29)	42.0		12 - 46
		Day 57	2020-08-25 11:57 (29)	34.9		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-17 15:02 (-13)	0.34		0 - 1.2
		Day 29	2020-07-28 12:18 (29)	0.38		0 - 1.2
		Day 57	2020-08-25 11:57 (29)	0.30		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-17 15:02 (-13)	5.5		0 - 11
		Day 29	2020-07-28 12:18 (29)	6.3		0 - 11
		Day 57	2020-08-25 11:57 (29)	5.3		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-17 15:02 (-13)	3.57		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051068	Neutrophils (10^9/L)	Day 29	2020-07-28 12:18 (29)	2.98		1.7 - 7.9
		Day 57	2020-08-25 11:57 (29)	3.22		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-17 15:02 (-13)	57.7		34 - 71
		Day 29	2020-07-28 12:18 (29)	49.6		34 - 71
		Day 57	2020-08-25 11:57 (29)	57.4		34 - 71
	Platelets (10^9/L)	Screening	2020-06-17 15:02 (-13)	232		163 - 375
		Day 29	2020-07-28 12:18 (29)	235		163 - 375
		Day 57	2020-08-25 11:57 (29)	254		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-17 15:02 (-13)	1.0		0.9 - 1.1
		Day 29	2020-07-28 12:18 (29)	1.0		0.9 - 1.1
		Day 57	2020-08-25 11:57 (29)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-17 15:02 (-13)	11.4		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051068	Prothrombin Time (sec)	Day 29	2020-07-28 12:18 (29)	11.9		9.4 - 12.5
		Day 57	2020-08-25 11:57 (29)	11.6		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-17 15:02 (-13)	3.93		1.78 - 7.14
		Unscheduled	2020-06-23 13:20 (-7)	5.71		1.78 - 7.14
		Day 29	2020-07-28 12:18 (29)	4.64		1.78 - 7.14
		Unscheduled	2020-08-11 10:09 (15)	4.64		1.78 - 7.14
		Day 57	2020-08-25 11:57 (29)	4.28		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-17 15:02 (-13)	11.0		7.8 - 26.7
		Unscheduled	2020-06-23 13:20 (-7)	16.0		7.8 - 26.7
		Day 29	2020-07-28 12:18 (29)	13.0		7.8 - 26.7
		Unscheduled	2020-08-11 10:09 (15)	16.2		7.8 - 26.7
		Day 57	2020-08-25 11:57 (29)	15.0		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051071	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-18 15:26 (-11)	29.8		25.1 - 36.5
		Day 29	2020-07-27 13:33 (29)	27.3		25.1 - 36.5
		Day 57	2020-08-24 13:55 (29)	28.5		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-18 15:26 (-11)	18		10 - 40
		Day 29	2020-07-27 13:33 (29)	16		10 - 40
		Day 57	2020-08-24 13:55 (29)	17		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-18 15:26 (-11)	75		43 - 115
		Day 29	2020-07-27 13:33 (29)	63		43 - 115
		Day 57	2020-08-24 13:55 (29)	72		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-18 15:26 (-11)	20		10 - 43
		Day 29	2020-07-27 13:33 (29)	20		10 - 43
		Day 57	2020-08-24 13:55 (29)	16		10 - 43

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051071	Basophils (10^9/L)	Screening	2020-06-18 15:26 (-11)	<0.03		0 - 0.3
		Day 29	2020-07-27 13:33 (29)	<0.03		0 - 0.3
		Day 57	2020-08-24 13:55 (29)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-18 15:26 (-11)	0.2		0 - 3
		Day 29	2020-07-27 13:33 (29)	0.5		0 - 3
		Day 57	2020-08-24 13:55 (29)	0.5		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-18 15:26 (-11)	6.3		- 18.8
		Day 29	2020-07-27 13:33 (29)	5.6		- 18.8
		Day 57	2020-08-24 13:55 (29)	3.8		- 18.8
	Creatinine (umol/L)	Screening	2020-06-18 15:26 (-11)	88		62 - 124
		Day 29	2020-07-27 13:33 (29)	71		62 - 124
		Day 57	2020-08-24 13:55 (29)	71		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051071	Direct Bilirubin (umol/L)	Screening	2020-06-18 15:26 (-11)	<3.4		0 - 6.8
		Day 29	2020-07-27 13:33 (29)	<3.4		0 - 6.8
		Day 57	2020-08-24 13:55 (29)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-18 15:26 (-11)	0.10		0 - 0.8
		Day 29	2020-07-27 13:33 (29)	0.12		0 - 0.8
		Day 57	2020-08-24 13:55 (29)	0.17		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-18 15:26 (-11)	1.9		0 - 7
		Day 29	2020-07-27 13:33 (29)	2.9		0 - 7
		Day 57	2020-08-24 13:55 (29)	4.3		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-18 15:26 (-11)	4.32 (L)		4.63 - 6.08
		Day 29	2020-07-27 13:33 (29)	4.39 (L)		4.63 - 6.08
		Day 57	2020-08-24 13:55 (29)	4.45 (L)		4.63 - 6.08

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051071	Hematocrit (L/L)	Screening	2020-06-18 15:26 (-11)	0.425		0.37 - 0.51
		Day 29	2020-07-27 13:33 (29)	0.475		0.37 - 0.51
		Day 57	2020-08-24 13:55 (29)	0.453		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-18 15:26 (-11)	134	G1 Hemoglobin Decreased	125 - 170
		Day 29	2020-07-27 13:33 (29)	137		125 - 170
		Day 57	2020-08-24 13:55 (29)	138		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-18 15:26 (-11)	<0.03		0 - 0.07
		Day 29	2020-07-27 13:33 (29)	<0.03		0 - 0.07
		Day 57	2020-08-24 13:55 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-18 15:26 (-11)	0.2		0 - 1
		Day 29	2020-07-27 13:33 (29)	0.2		0 - 1
		Day 57	2020-08-24 13:55 (29)	0.3		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051071	Leukocytes (10^9/L)	Screening	2020-06-18 15:26 (-11)	5.23		3.7 - 11
		Day 29	2020-07-27 13:33 (29)	4.09		3.7 - 11
		Day 57	2020-08-24 13:55 (29)	3.92		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-18 15:26 (-11)	1.57		0.9 - 3.6
		Day 29	2020-07-27 13:33 (29)	1.18		0.9 - 3.6
		Day 57	2020-08-24 13:55 (29)	1.13		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-18 15:26 (-11)	30.0		12 - 46
		Day 29	2020-07-27 13:33 (29)	28.9		12 - 46
		Day 57	2020-08-24 13:55 (29)	28.8		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-18 15:26 (-11)	0.62		0 - 1.2
		Day 29	2020-07-27 13:33 (29)	0.52		0 - 1.2
		Day 57	2020-08-24 13:55 (29)	0.65		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051071	Monocytes/Leukocytes (%)	Screening	2020-06-18 15:26 (-11)	11.9 (H)		0 - 11
		Day 29	2020-07-27 13:33 (29)	12.7 (H)		0 - 11
		Day 57	2020-08-24 13:55 (29)	16.6 (H)		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-18 15:26 (-11)	2.92		1.7 - 7.9
		Day 29	2020-07-27 13:33 (29)	2.24		1.7 - 7.9
		Day 57	2020-08-24 13:55 (29)	1.94	G1 Neutrophils Decreased	1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-18 15:26 (-11)	55.8		34 - 71
		Day 29	2020-07-27 13:33 (29)	54.8		34 - 71
		Day 57	2020-08-24 13:55 (29)	49.5		34 - 71
	Platelets (10^9/L)	Screening	2020-06-18 15:26 (-11)	206		163 - 375
		Day 29	2020-07-27 13:33 (29)	196		163 - 375
		Day 57	2020-08-24 13:55 (29)	202		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051071	Prothrombin Intl. Normalized Ratio	Screening	2020-06-18 15:26 (-11)	1.0		0.9 - 1.1
		Day 29	2020-07-27 13:33 (29)	1.0		0.9 - 1.1
		Day 57	2020-08-24 13:55 (29)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-18 15:26 (-11)	11.9		9.4 - 12.5
		Day 29	2020-07-27 13:33 (29)	11.9		9.4 - 12.5
		Day 57	2020-08-24 13:55 (29)	11.5		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-18 15:26 (-11)	4.28		1.78 - 7.14
		Day 29	2020-07-27 13:33 (29)	5.71		1.78 - 7.14
		Day 57	2020-08-24 13:55 (29)	5.71		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-18 15:26 (-11)	12.0		7.8 - 26.7
		Day 29	2020-07-27 13:33 (29)	20.0		7.8 - 26.7
		Day 57	2020-08-24 13:55 (29)	20.0		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051078	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-22 09:15 (-8)	33.9		25.1 - 36.5
		Day 29	2020-07-29 08:42 (30)	32.2		25.1 - 36.5
		Day 57	2020-08-24 08:30 (27)	33.4		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-22 09:15 (-8)	25		10 - 40
		Day 29	2020-07-29 08:42 (30)	19		10 - 40
		Day 57	2020-08-24 08:30 (27)	22		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-22 09:15 (-8)	85		43 - 115
		Day 29	2020-07-29 08:42 (30)	79		43 - 115
		Day 57	2020-08-24 08:30 (27)	70		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-22 09:15 (-8)	30		10 - 43
		Day 29	2020-07-29 08:42 (30)	29		10 - 43
		Day 57	2020-08-24 08:30 (27)	32		10 - 43

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051078	Basophils (10^9/L)	Screening	2020-06-22 09:15 (-8)	0.05		0 - 0.3
		Day 29	2020-07-29 08:42 (30)	0.05		0 - 0.3
		Day 57	2020-08-24 08:30 (27)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-22 09:15 (-8)	1.2		0 - 3
		Day 29	2020-07-29 08:42 (30)	1.1		0 - 3
		Day 57	2020-08-24 08:30 (27)	1.1		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-22 09:15 (-8)	10.8		- 18.8
		Day 29	2020-07-29 08:42 (30)	7.9		- 18.8
		Day 57	2020-08-24 08:30 (27)	8.9		- 18.8
	Creatinine (umol/L)	Screening	2020-06-22 09:15 (-8)	88		62 - 124
		Day 29	2020-07-29 08:42 (30)	80		62 - 124
		Day 57	2020-08-24 08:30 (27)	88		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051078	Direct Bilirubin (umol/L)	Screening	2020-06-22 09:15 (-8)	<3.4		0 - 6.8
		Day 29	2020-07-29 08:42 (30)	<3.4		0 - 6.8
		Day 57	2020-08-24 08:30 (27)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-22 09:15 (-8)	0.14		0 - 0.8
		Day 29	2020-07-29 08:42 (30)	0.25		0 - 0.8
		Day 57	2020-08-24 08:30 (27)	0.22		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-22 09:15 (-8)	3.2		0 - 7
		Day 29	2020-07-29 08:42 (30)	5.6		0 - 7
		Day 57	2020-08-24 08:30 (27)	6.1		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-22 09:15 (-8)	4.40 (L)		4.63 - 6.08
		Day 29	2020-07-29 08:42 (30)	4.23 (L)		4.63 - 6.08
		Day 57	2020-08-24 08:30 (27)	4.13 (L)		4.63 - 6.08

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051078	Hematocrit (L/L)	Screening	2020-06-22 09:15 (-8)	0.446		0.37 - 0.51
		Day 29	2020-07-29 08:42 (30)	0.432		0.37 - 0.51
		Day 57	2020-08-24 08:30 (27)	0.439		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-22 09:15 (-8)	141		125 - 170
		Day 29	2020-07-29 08:42 (30)	137	G1 Hemoglobin Decreased	125 - 170
		Day 57	2020-08-24 08:30 (27)	134	G1 Hemoglobin Decreased	125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-22 09:15 (-8)	<0.03		0 - 0.07
		Day 29	2020-07-29 08:42 (30)	<0.03		0 - 0.07
		Day 57	2020-08-24 08:30 (27)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-22 09:15 (-8)	0.0		0 - 1
		Day 29	2020-07-29 08:42 (30)	0.5		0 - 1
		Day 57	2020-08-24 08:30 (27)	0.3		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051078	Leukocytes (10^9/L)	Screening	2020-06-22 09:15 (-8)	4.34		3.7 - 11
		Day 29	2020-07-29 08:42 (30)	4.44		3.7 - 11
		Day 57	2020-08-24 08:30 (27)	3.59 (L)		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-22 09:15 (-8)	1.32		0.9 - 3.6
		Day 29	2020-07-29 08:42 (30)	1.38		0.9 - 3.6
		Day 57	2020-08-24 08:30 (27)	1.12		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-22 09:15 (-8)	30.4		12 - 46
		Day 29	2020-07-29 08:42 (30)	31.1		12 - 46
		Day 57	2020-08-24 08:30 (27)	31.2		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-22 09:15 (-8)	0.37		0 - 1.2
		Day 29	2020-07-29 08:42 (30)	0.37		0 - 1.2
		Day 57	2020-08-24 08:30 (27)	0.28		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051078	Monocytes/Leukocytes (%)	Screening	2020-06-22 09:15 (-8)	8.5		0 - 11
		Day 29	2020-07-29 08:42 (30)	8.3		0 - 11
		Day 57	2020-08-24 08:30 (27)	7.8		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-22 09:15 (-8)	2.46		1.7 - 7.9
		Day 29	2020-07-29 08:42 (30)	2.37		1.7 - 7.9
		Day 57	2020-08-24 08:30 (27)	1.92	G1 Neutrophils Decreased	1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-22 09:15 (-8)	56.7		34 - 71
		Day 29	2020-07-29 08:42 (30)	53.4		34 - 71
		Day 57	2020-08-24 08:30 (27)	53.5		34 - 71
	Platelets (10^9/L)	Screening	2020-06-22 09:15 (-8)	174		163 - 375
		Day 29	2020-07-29 08:42 (30)	148 (L)		163 - 375
		Day 57	2020-08-24 08:30 (27)	138 (L)	G1 Platelets Decreased	163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051078	Prothrombin Intl. Normalized Ratio	Screening	2020-06-22 09:15 (-8)	1.0		0.9 - 1.1
		Day 29	2020-07-29 08:42 (30)	1.0		0.9 - 1.1
		Day 57	2020-08-24 08:30 (27)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-22 09:15 (-8)	11.2		9.4 - 12.5
		Day 29	2020-07-29 08:42 (30)	11.5		9.4 - 12.5
		Day 57	2020-08-24 08:30 (27)	11.4		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-22 09:15 (-8)	4.64		1.78 - 7.14
		Day 29	2020-07-29 08:42 (30)	4.28		1.78 - 7.14
		Day 57	2020-08-24 08:30 (27)	4.28		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-22 09:15 (-8)	13.0		7.8 - 26.7
		Day 29	2020-07-29 08:42 (30)	13.3		7.8 - 26.7
		Day 57	2020-08-24 08:30 (27)	12.0		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051081	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-23 11:43 (-6)	30.3		25.1 - 36.5
		Day 29	2020-07-27 09:38 (29)	30.8		25.1 - 36.5
		Day 57	2020-08-24 09:50 (29)	30.9		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-23 11:43 (-6)	8 (L)		10 - 33
		Day 29	2020-07-27 09:38 (29)	7 (L)		10 - 33
		Day 57	2020-08-24 09:50 (29)	7 (L)		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-23 11:43 (-6)	91		30 - 115
		Day 29	2020-07-27 09:38 (29)	82		30 - 115
		Day 57	2020-08-24 09:50 (29)	78		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-23 11:43 (-6)	17		10 - 36
		Day 29	2020-07-27 09:38 (29)	17		10 - 36
		Day 57	2020-08-24 09:50 (29)	10		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051081	Basophils (10^9/L)	Screening	2020-06-23 11:43 (-6)	0.05		0 - 0.3
		Day 29	2020-07-27 09:38 (29)	0.05		0 - 0.3
		Day 57	2020-08-24 09:50 (29)	0.06		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-23 11:43 (-6)	0.8		0 - 3
		Day 29	2020-07-27 09:38 (29)	0.9		0 - 3
		Day 57	2020-08-24 09:50 (29)	1.1		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-23 11:43 (-6)	5.0		- 18.8
		Day 29	2020-07-27 09:38 (29)	4.6		- 18.8
		Day 57	2020-08-24 09:50 (29)	3.8		- 18.8
	Creatinine (umol/L)	Screening	2020-06-23 11:43 (-6)	53 (L)		62 - 124
		Day 29	2020-07-27 09:38 (29)	62		62 - 124
		Day 57	2020-08-24 09:50 (29)	62		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051081	Direct Bilirubin (umol/L)	Screening	2020-06-23 11:43 (-6)	<3.4		0 - 6.8
		Day 29	2020-07-27 09:38 (29)	<3.4		0 - 6.8
		Day 57	2020-08-24 09:50 (29)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-23 11:43 (-6)	0.19		0 - 0.8
		Day 29	2020-07-27 09:38 (29)	0.23		0 - 0.8
		Day 57	2020-08-24 09:50 (29)	0.30		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-23 11:43 (-6)	2.9		0 - 7
		Day 29	2020-07-27 09:38 (29)	4.3		0 - 7
		Day 57	2020-08-24 09:50 (29)	5.3		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-23 11:43 (-6)	4.79		3.7 - 5.2
		Day 29	2020-07-27 09:38 (29)	4.82		3.7 - 5.2
		Day 57	2020-08-24 09:50 (29)	4.59		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051081	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-23 11:43 (-6)	9.2		1.7 - 21.5
	Hematocrit (L/L)	Screening	2020-06-23 11:43 (-6)	0.438		0.33 - 0.47
		Day 29	2020-07-27 09:38 (29)	0.488 (H)		0.33 - 0.47
		Day 57	2020-08-24 09:50 (29)	0.444		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-23 11:43 (-6)	135		110 - 155
		Day 29	2020-07-27 09:38 (29)	136		110 - 155
		Day 57	2020-08-24 09:50 (29)	129	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-23 11:43 (-6)	<0.03		0 - 0.07
		Day 29	2020-07-27 09:38 (29)	<0.03		0 - 0.07
		Day 57	2020-08-24 09:50 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-23 11:43 (-6)	0.2		0 - 1
		Day 29	2020-07-27 09:38 (29)	0.4		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051081	Immature Granulocytes/Leukocytes (%)	Day 57	2020-08-24 09:50 (29)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-23 11:43 (-6)	6.46		3.7 - 11
		Day 29	2020-07-27 09:38 (29)	5.32		3.7 - 11
		Day 57	2020-08-24 09:50 (29)	5.67		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-23 11:43 (-6)	1.58		0.9 - 3.6
		Day 29	2020-07-27 09:38 (29)	1.19		0.9 - 3.6
		Day 57	2020-08-24 09:50 (29)	1.46		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-23 11:43 (-6)	24.5		12 - 46
		Day 29	2020-07-27 09:38 (29)	22.4		12 - 46
		Day 57	2020-08-24 09:50 (29)	25.7		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-23 11:43 (-6)	0.54		0 - 1.2
		Day 29	2020-07-27 09:38 (29)	0.47		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051081	Monocytes (10^9/L)	Day 57	2020-08-24 09:50 (29)	0.50		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-23 11:43 (-6)	8.4		0 - 11
		Day 29	2020-07-27 09:38 (29)	8.8		0 - 11
		Day 57	2020-08-24 09:50 (29)	8.8		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-23 11:43 (-6)	4.09		1.7 - 7.9
		Day 29	2020-07-27 09:38 (29)	3.36		1.7 - 7.9
		Day 57	2020-08-24 09:50 (29)	3.34		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-23 11:43 (-6)	63.2		34 - 71
		Day 29	2020-07-27 09:38 (29)	63.2		34 - 71
		Day 57	2020-08-24 09:50 (29)	58.9		34 - 71
	Platelets (10^9/L)	Screening	2020-06-23 11:43 (-6)	212		163 - 375
		Day 29	2020-07-27 09:38 (29)	202		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051081	Platelets (10^9/L)	Day 57	2020-08-24 09:50 (29)	201		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-23 11:43 (-6)	1.0		0.9 - 1.1
		Day 29	2020-07-27 09:38 (29)	1.0		0.9 - 1.1
		Day 57	2020-08-24 09:50 (29)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-23 11:43 (-6)	11.1		9.4 - 12.5
		Day 29	2020-07-27 09:38 (29)	12.1		9.4 - 12.5
		Day 57	2020-08-24 09:50 (29)	11.9		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-23 11:43 (-6)	5.00		1.78 - 7.14
		Day 29	2020-07-27 09:38 (29)	4.28		1.78 - 7.14
		Day 57	2020-08-24 09:50 (29)	6.43		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-23 11:43 (-6)	23.3		7.8 - 26.7
		Day 29	2020-07-27 09:38 (29)	17.1		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051081	Urea Nitrogen/Creatinine	Day 57	2020-08-24 09:50 (29)	25.7		7.8 - 26.7
US2051092	Activated Partial Thromboplastin Time (sec)	Unscheduled	2020-07-01 10:06 (-6)	30.7		25.1 - 36.5
		Day 29	2020-08-06 09:35 (31)	29.0		25.1 - 36.5
		Day 57	2020-09-03 09:20 (29)	28.6		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-26 12:27 (-11)	20		10 - 33
		Day 29	2020-08-06 09:35 (31)	13		10 - 33
		Day 57	2020-09-03 09:20 (29)	20		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-26 12:27 (-11)	63		30 - 115
		Day 29	2020-08-06 09:35 (31)	53		30 - 115
		Day 57	2020-09-03 09:20 (29)	62		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-26 12:27 (-11)	22		10 - 36
		Day 29	2020-08-06 09:35 (31)	23		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051092	Aspartate Aminotransferase (U/L)	Day 57	2020-09-03 09:20 (29)	23		10 - 36
	Basophils (10^9/L)	Screening	2020-06-26 12:27 (-11)	0.03		0 - 0.3
		Day 29	2020-08-06 09:35 (31)	0.04		0 - 0.3
		Day 57	2020-09-03 09:20 (29)	0.06		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-26 12:27 (-11)	0.7		0 - 3
		Day 29	2020-08-06 09:35 (31)	0.9		0 - 3
		Day 57	2020-09-03 09:20 (29)	1.6		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-26 12:27 (-11)	8.0		- 18.8
		Day 29	2020-08-06 09:35 (31)	8.2		- 18.8
		Day 57	2020-09-03 09:20 (29)	7.0		- 18.8
	Creatinine (umol/L)	Screening	2020-06-26 12:27 (-11)	62		62 - 124
		Day 29	2020-08-06 09:35 (31)	53 (L)		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051092	Creatinine (umol/L)	Day 57	2020-09-03 09:20 (29)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-26 12:27 (-11)	<3.4		0 - 6.8
		Day 29	2020-08-06 09:35 (31)	<3.4		0 - 6.8
		Day 57	2020-09-03 09:20 (29)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-26 12:27 (-11)	0.13		0 - 0.8
		Day 29	2020-08-06 09:35 (31)	0.18		0 - 0.8
		Day 57	2020-09-03 09:20 (29)	0.22		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-26 12:27 (-11)	3.2		0 - 7
		Day 29	2020-08-06 09:35 (31)	4.2		0 - 7
		Day 57	2020-09-03 09:20 (29)	5.9		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-26 12:27 (-11)	4.36		3.7 - 5.2
		Day 29	2020-08-06 09:35 (31)	4.20		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051092	Erythrocytes (10^12/L)	Day 57	2020-09-03 09:20 (29)	4.22		3.7 - 5.2
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-26 12:27 (-11)	128.3 (H)		1.7 - 21.5
	Hematocrit (L/L)	Screening	2020-06-26 12:27 (-11)	0.427		0.33 - 0.47
		Day 29	2020-08-06 09:35 (31)	0.403		0.33 - 0.47
		Day 57	2020-09-03 09:20 (29)	0.398		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-26 12:27 (-11)	131		110 - 155
		Day 29	2020-08-06 09:35 (31)	129	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-09-03 09:20 (29)	128	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-26 12:27 (-11)	<0.03		0 - 0.07
		Day 29	2020-08-06 09:35 (31)	<0.03		0 - 0.07
		Day 57	2020-09-03 09:20 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-26 12:27 (-11)	0.0		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051092	Immature Granulocytes/Leukocytes (%)	Day 29	2020-08-06 09:35 (31)	0.5		0 - 1
		Day 57	2020-09-03 09:20 (29)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-26 12:27 (-11)	4.10		3.7 - 11
		Day 29	2020-08-06 09:35 (31)	4.27		3.7 - 11
		Day 57	2020-09-03 09:20 (29)	3.76		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-26 12:27 (-11)	1.77		0.9 - 3.6
		Day 29	2020-08-06 09:35 (31)	1.23		0.9 - 3.6
		Day 57	2020-09-03 09:20 (29)	1.55		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-26 12:27 (-11)	43.2		12 - 46
		Day 29	2020-08-06 09:35 (31)	28.8		12 - 46
		Day 57	2020-09-03 09:20 (29)	41.2		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-26 12:27 (-11)	0.36		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051092	Monocytes (10^9/L)	Day 29	2020-08-06 09:35 (31)	0.30		0 - 1.2
		Day 57	2020-09-03 09:20 (29)	0.28		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-26 12:27 (-11)	8.8		0 - 11
		Day 29	2020-08-06 09:35 (31)	7.0		0 - 11
		Day 57	2020-09-03 09:20 (29)	7.4		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-26 12:27 (-11)	1.81	G1 Neutrophils Decreased	1.7 - 7.9
		Day 29	2020-08-06 09:35 (31)	2.50		1.7 - 7.9
		Day 57	2020-09-03 09:20 (29)	1.64 (L)	G1 Neutrophils Decreased	1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-26 12:27 (-11)	44.1		34 - 71
		Day 29	2020-08-06 09:35 (31)	58.6		34 - 71
		Day 57	2020-09-03 09:20 (29)	43.6		34 - 71
	Platelets (10^9/L)	Screening	2020-06-26 12:27 (-11)	233		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051092	Platelets (10^9/L)	Day 29	2020-08-06 09:35 (31)	237		163 - 375
		Day 57	2020-09-03 09:20 (29)	230		163 - 375
	Prothrombin Intl. Normalized Ratio	Unscheduled	2020-07-01 10:06 (-6)	1.0		0.9 - 1.1
		Day 29	2020-08-06 09:35 (31)	1.0		0.9 - 1.1
		Day 57	2020-09-03 09:20 (29)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Unscheduled	2020-07-01 10:06 (-6)	11.8		9.4 - 12.5
		Day 29	2020-08-06 09:35 (31)	12.6 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
		Day 57	2020-09-03 09:20 (29)	12.2		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-26 12:27 (-11)	3.21		1.78 - 7.14
		Day 29	2020-08-06 09:35 (31)	2.86		1.78 - 7.14
		Day 57	2020-09-03 09:20 (29)	4.28		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-26 12:27 (-11)	12.9		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051092	Urea Nitrogen/Creatinine	Day 29	2020-08-06 09:35 (31)	13.3		7.8 - 26.7
		Day 57	2020-09-03 09:20 (29)	17.1		7.8 - 26.7
US2051093	Activated Partial Thromboplastin Time (sec)	Unscheduled	2020-06-30 09:23 (-6)	30.8		25.1 - 36.5
		Day 29	2020-08-04 09:59 (30)	30.2		25.1 - 36.5
		Day 57	2020-09-01 09:21 (29)	30.4		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-26 14:07 (-10)	24		10 - 33
		Day 29	2020-08-04 09:59 (30)	15		10 - 33
		Day 57	2020-09-01 09:21 (29)	17		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-26 14:07 (-10)	92		30 - 115
		Day 29	2020-08-04 09:59 (30)	97		30 - 115
		Day 57	2020-09-01 09:21 (29)	95		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-26 14:07 (-10)	35		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051093	Aspartate Aminotransferase (U/L)	Day 29	2020-08-04 09:59 (30)	21		10 - 36
		Day 57	2020-09-01 09:21 (29)	24		10 - 36
	Basophils (10^9/L)	Screening	2020-06-26 14:07 (-10)	0.08		0 - 0.3
		Day 29	2020-08-04 09:59 (30)	0.09		0 - 0.3
		Day 57	2020-09-01 09:21 (29)	0.09		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-26 14:07 (-10)	0.8		0 - 3
		Day 29	2020-08-04 09:59 (30)	1.4		0 - 3
		Day 57	2020-09-01 09:21 (29)	1.4		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-26 14:07 (-10)	3.4		- 18.8
		Day 29	2020-08-04 09:59 (30)	3.9		- 18.8
		Day 57	2020-09-01 09:21 (29)	3.2		- 18.8
	Creatinine (umol/L)	Screening	2020-06-26 14:07 (-10)	53 (L)		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051093	Creatinine (umol/L)	Day 29	2020-08-04 09:59 (30)	44 (L)		62 - 124
		Day 57	2020-09-01 09:21 (29)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-26 14:07 (-10)	<3.4		0 - 6.8
		Day 29	2020-08-04 09:59 (30)	<3.4		0 - 6.8
		Day 57	2020-09-01 09:21 (29)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-26 14:07 (-10)	0.23		0 - 0.8
		Day 29	2020-08-04 09:59 (30)	0.36		0 - 0.8
		Day 57	2020-09-01 09:21 (29)	0.43		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-26 14:07 (-10)	2.4		0 - 7
		Day 29	2020-08-04 09:59 (30)	5.6		0 - 7
		Day 57	2020-09-01 09:21 (29)	6.5		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-26 14:07 (-10)	4.20		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051093	Erythrocytes (10^12/L)	Day 29	2020-08-04 09:59 (30)	4.15		3.7 - 5.2
		Day 57	2020-09-01 09:21 (29)	4.16		3.7 - 5.2
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-26 14:07 (-10)	51.7 (H)		1.7 - 21.5
	Hematocrit (L/L)	Screening	2020-06-26 14:07 (-10)	0.422		0.33 - 0.47
		Day 29	2020-08-04 09:59 (30)	0.409		0.33 - 0.47
		Day 57	2020-09-01 09:21 (29)	0.417		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-26 14:07 (-10)	126		110 - 155
		Day 29	2020-08-04 09:59 (30)	124	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-09-01 09:21 (29)	124	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-26 14:07 (-10)	0.04		0 - 0.07
		Day 29	2020-08-04 09:59 (30)	<0.03		0 - 0.07
		Day 57	2020-09-01 09:21 (29)	0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051093	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-26 14:07 (-10)	0.4		0 - 1
		Day 29	2020-08-04 09:59 (30)	0.3		0 - 1
		Day 57	2020-09-01 09:21 (29)	0.5		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-26 14:07 (-10)	9.71		3.7 - 11
		Day 29	2020-08-04 09:59 (30)	6.41		3.7 - 11
		Day 57	2020-09-01 09:21 (29)	6.64		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-26 14:07 (-10)	3.03		0.9 - 3.6
		Day 29	2020-08-04 09:59 (30)	2.42		0.9 - 3.6
		Day 57	2020-09-01 09:21 (29)	2.73		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-26 14:07 (-10)	31.2		12 - 46
		Day 29	2020-08-04 09:59 (30)	37.8		12 - 46
		Day 57	2020-09-01 09:21 (29)	41.1		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051093	Monocytes (10^9/L)	Screening	2020-06-26 14:07 (-10)	0.79		0 - 1.2
		Day 29	2020-08-04 09:59 (30)	0.52		0 - 1.2
		Day 57	2020-09-01 09:21 (29)	0.67		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-26 14:07 (-10)	8.1		0 - 11
		Day 29	2020-08-04 09:59 (30)	8.1		0 - 11
		Day 57	2020-09-01 09:21 (29)	10.1		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-26 14:07 (-10)	5.54		1.7 - 7.9
		Day 29	2020-08-04 09:59 (30)	3.00		1.7 - 7.9
		Day 57	2020-09-01 09:21 (29)	2.69		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-26 14:07 (-10)	57.1		34 - 71
		Day 29	2020-08-04 09:59 (30)	46.8		34 - 71
		Day 57	2020-09-01 09:21 (29)	40.4		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051093	Platelets (10^9/L)	Screening	2020-06-26 14:07 (-10)	322		163 - 375
		Day 29	2020-08-04 09:59 (30)	358		163 - 375
		Day 57	2020-09-01 09:21 (29)	353		163 - 375
	Prothrombin Intl. Normalized Ratio	Unscheduled	2020-06-30 09:23 (-6)	1.0		0.9 - 1.1
		Day 29	2020-08-04 09:59 (30)	0.9		0.9 - 1.1
		Day 57	2020-09-01 09:21 (29)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Unscheduled	2020-06-30 09:23 (-6)	11.2		9.4 - 12.5
		Day 29	2020-08-04 09:59 (30)	10.9		9.4 - 12.5
		Day 57	2020-09-01 09:21 (29)	11.5		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-26 14:07 (-10)	4.64		1.78 - 7.14
		Day 29	2020-08-04 09:59 (30)	4.28		1.78 - 7.14
		Day 57	2020-09-01 09:21 (29)	2.86		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051093	Urea Nitrogen/Creatinine	Screening	2020-06-26 14:07 (-10)	21.7		7.8 - 26.7
		Day 29	2020-08-04 09:59 (30)	24.0		7.8 - 26.7
		Day 57	2020-09-01 09:21 (29)	13.3		7.8 - 26.7
US2051094	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-29 10:29 (-8)	35.5		25.1 - 36.5
		Day 29	2020-08-04 10:54 (29)	35.1		25.1 - 36.5
		Day 57	2020-09-02 09:48 (30)	32.0		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-29 10:29 (-8)	12		10 - 40
		Day 29	2020-08-04 10:54 (29)	16		10 - 40
		Day 57	2020-09-02 09:48 (30)	15		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-29 10:29 (-8)	80		43 - 115
		Day 29	2020-08-04 10:54 (29)	79		43 - 115
		Day 57	2020-09-02 09:48 (30)	80		43 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051094	Aspartate Aminotransferase (U/L)	Screening	2020-06-29 10:29 (-8)	18		10 - 43
		Day 29	2020-08-04 10:54 (29)	12		10 - 43
		Day 57	2020-09-02 09:48 (30)	13		10 - 43
	Basophils (10^9/L)	Screening	2020-06-29 10:29 (-8)	0.04		0 - 0.3
		Unscheduled	2020-07-02 11:44 (-5)	0.07		0 - 0.3
		Day 29	2020-08-04 10:54 (29)	0.05		0 - 0.3
		Day 57	2020-09-02 09:48 (30)	0.06		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-29 10:29 (-8)	0.6		0 - 3
		Unscheduled	2020-07-02 11:44 (-5)	1.0		0 - 3
		Day 29	2020-08-04 10:54 (29)	0.7		0 - 3
		Day 57	2020-09-02 09:48 (30)	1.0		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-29 10:29 (-8)	9.4		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051094	Bilirubin (umol/L)	Day 29	2020-08-04 10:54 (29)	13.3		- 18.8
		Day 57	2020-09-02 09:48 (30)	10.3		- 18.8
	Creatinine (umol/L)	Screening	2020-06-29 10:29 (-8)	53 (L)		62 - 124
		Day 29	2020-08-04 10:54 (29)	53 (L)		62 - 124
		Day 57	2020-09-02 09:48 (30)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-29 10:29 (-8)	<3.4		0 - 6.8
		Day 29	2020-08-04 10:54 (29)	<3.4		0 - 6.8
		Day 57	2020-09-02 09:48 (30)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-29 10:29 (-8)	0.08		0 - 0.8
		Unscheduled	2020-07-02 11:44 (-5)	0.09		0 - 0.8
		Day 29	2020-08-04 10:54 (29)	0.07		0 - 0.8
		Day 57	2020-09-02 09:48 (30)	0.09		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051094	Eosinophils/Leukocytes (%)	Screening	2020-06-29 10:29 (-8)	1.3		0 - 7
		Unscheduled	2020-07-02 11:44 (-5)	1.3		0 - 7
		Day 29	2020-08-04 10:54 (29)	1.0		0 - 7
		Day 57	2020-09-02 09:48 (30)	1.5		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-29 10:29 (-8)	4.15 (L)		4.63 - 6.08
		Unscheduled	2020-07-02 11:44 (-5)	4.16 (L)		4.63 - 6.08
		Day 29	2020-08-04 10:54 (29)	4.16 (L)		4.63 - 6.08
		Day 57	2020-09-02 09:48 (30)	4.42 (L)		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-29 10:29 (-8)	0.423		0.37 - 0.51
		Unscheduled	2020-07-02 11:44 (-5)	0.420		0.37 - 0.51
		Day 29	2020-08-04 10:54 (29)	0.404		0.37 - 0.51
		Day 57	2020-09-02 09:48 (30)	0.441		0.37 - 0.51

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051094	Hemoglobin (g/L)	Screening	2020-06-29 10:29 (-8)	134	G1 Hemoglobin Decreased	125 - 170
		Unscheduled	2020-07-02 11:44 (-5)	133	G1 Hemoglobin Decreased	125 - 170
		Day 29	2020-08-04 10:54 (29)	135	G1 Hemoglobin Decreased	125 - 170
		Day 57	2020-09-02 09:48 (30)	141		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-29 10:29 (-8)	<0.03		0 - 0.07
		Unscheduled	2020-07-02 11:44 (-5)	<0.03		0 - 0.07
		Day 29	2020-08-04 10:54 (29)	<0.03		0 - 0.07
		Day 57	2020-09-02 09:48 (30)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-29 10:29 (-8)	0.3		0 - 1
		Unscheduled	2020-07-02 11:44 (-5)	0.3		0 - 1
		Day 29	2020-08-04 10:54 (29)	0.3		0 - 1
		Day 57	2020-09-02 09:48 (30)	0.2		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051094	Leukocytes (10^9/L)	Screening	2020-06-29 10:29 (-8)	6.18		3.7 - 11
		Unscheduled	2020-07-02 11:44 (-5)	6.98		3.7 - 11
		Day 29	2020-08-04 10:54 (29)	7.27		3.7 - 11
		Day 57	2020-09-02 09:48 (30)	6.09		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-29 10:29 (-8)	1.79		0.9 - 3.6
		Unscheduled	2020-07-02 11:44 (-5)	2.29		0.9 - 3.6
		Day 29	2020-08-04 10:54 (29)	2.08		0.9 - 3.6
		Day 57	2020-09-02 09:48 (30)	1.85		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-29 10:29 (-8)	29.0		12 - 46
		Unscheduled	2020-07-02 11:44 (-5)	32.8		12 - 46
		Day 29	2020-08-04 10:54 (29)	28.6		12 - 46
		Day 57	2020-09-02 09:48 (30)	30.4		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051094	Monocytes (10^9/L)	Screening	2020-06-29 10:29 (-8)	0.46		0 - 1.2
		Unscheduled	2020-07-02 11:44 (-5)	0.60		0 - 1.2
		Day 29	2020-08-04 10:54 (29)	0.46		0 - 1.2
		Day 57	2020-09-02 09:48 (30)	0.50		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-29 10:29 (-8)	7.4		0 - 11
		Unscheduled	2020-07-02 11:44 (-5)	8.6		0 - 11
		Day 29	2020-08-04 10:54 (29)	6.3		0 - 11
		Day 57	2020-09-02 09:48 (30)	8.2		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-29 10:29 (-8)	3.79		1.7 - 7.9
		Unscheduled	2020-07-02 11:44 (-5)	3.91		1.7 - 7.9
		Day 29	2020-08-04 10:54 (29)	4.59		1.7 - 7.9
		Day 57	2020-09-02 09:48 (30)	3.58		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051094	Neutrophils/Leukocytes (%)	Screening	2020-06-29 10:29 (-8)	61.4		34 - 71
		Unscheduled	2020-07-02 11:44 (-5)	56.0		34 - 71
		Day 29	2020-08-04 10:54 (29)	63.1		34 - 71
		Day 57	2020-09-02 09:48 (30)	58.7		34 - 71
	Platelets (10^9/L)	Screening	2020-06-29 10:29 (-8)	161 (L)		163 - 375
		Unscheduled	2020-07-02 11:44 (-5)	184		163 - 375
		Day 29	2020-08-04 10:54 (29)	198		163 - 375
		Day 57	2020-09-02 09:48 (30)	166		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-29 10:29 (-8)	1.0		0.9 - 1.1
		Day 29	2020-08-04 10:54 (29)	1.0		0.9 - 1.1
		Day 57	2020-09-02 09:48 (30)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-29 10:29 (-8)	11.1		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051094	Prothrombin Time (sec)	Day 29	2020-08-04 10:54 (29)	12.3		9.4 - 12.5
		Day 57	2020-09-02 09:48 (30)	12.1		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-29 10:29 (-8)	6.78		1.78 - 7.14
		Day 29	2020-08-04 10:54 (29)	7.14		1.78 - 7.14
		Day 57	2020-09-02 09:48 (30)	7.50 (H)		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-29 10:29 (-8)	31.7 (H)		7.8 - 26.7
		Day 29	2020-08-04 10:54 (29)	33.3 (H)		7.8 - 26.7
		Day 57	2020-09-02 09:48 (30)	35.0 (H)		7.8 - 26.7
US2051095	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-29 12:20 (-3)	33.5		25.1 - 36.5
		Day 29	2020-07-30 11:41 (29)	33.6		25.1 - 36.5
		Day 57	2020-08-26 09:20 (28)	34.9		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-29 12:20 (-3)	30		10 - 33

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051095	Alanine Aminotransferase (U/L)	Day 29	2020-07-30 11:41 (29)	37 (H)	G1 Alanine Aminotransferase Increased	10 - 33
		Day 57	2020-08-26 09:20 (28)	33		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-29 12:20 (-3)	60		30 - 115
		Day 29	2020-07-30 11:41 (29)	57		30 - 115
		Day 57	2020-08-26 09:20 (28)	64		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-29 12:20 (-3)	28		10 - 36
		Day 29	2020-07-30 11:41 (29)	27		10 - 36
		Day 57	2020-08-26 09:20 (28)	19		10 - 36
	Basophils (10^9/L)	Screening	2020-06-29 12:20 (-3)	0.06		0 - 0.3
		Day 29	2020-07-30 11:41 (29)	0.05		0 - 0.3
		Day 57	2020-08-26 09:20 (28)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-29 12:20 (-3)	0.9		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051095	Basophils/Leukocytes (%)	Day 29	2020-07-30 11:41 (29)	1.0		0 - 3
		Day 57	2020-08-26 09:20 (28)	0.8		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-29 12:20 (-3)	3.4		- 18.8
		Day 29	2020-07-30 11:41 (29)	2.7		- 18.8
		Day 57	2020-08-26 09:20 (28)	4.3		- 18.8
	Creatinine (umol/L)	Screening	2020-06-29 12:20 (-3)	53 (L)		62 - 124
		Day 29	2020-07-30 11:41 (29)	53 (L)		62 - 124
		Day 57	2020-08-26 09:20 (28)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-29 12:20 (-3)	<3.4		0 - 6.8
		Day 29	2020-07-30 11:41 (29)	<3.4		0 - 6.8
		Day 57	2020-08-26 09:20 (28)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-29 12:20 (-3)	0.21		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051095	Eosinophils (10^9/L)	Day 29	2020-07-30 11:41 (29)	0.19		0 - 0.8
		Day 57	2020-08-26 09:20 (28)	0.26		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-29 12:20 (-3)	3.0		0 - 7
		Day 29	2020-07-30 11:41 (29)	3.7		0 - 7
		Day 57	2020-08-26 09:20 (28)	5.1		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-29 12:20 (-3)	4.46		3.7 - 5.2
		Day 29	2020-07-30 11:41 (29)	4.34		3.7 - 5.2
		Day 57	2020-08-26 09:20 (28)	4.57		3.7 - 5.2
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-29 12:20 (-3)	81.0 (H)		1.7 - 21.5
	Hematocrit (L/L)	Screening	2020-06-29 12:20 (-3)	0.431		0.33 - 0.47
		Day 29	2020-07-30 11:41 (29)	0.406		0.33 - 0.47
		Day 57	2020-08-26 09:20 (28)	0.457		0.33 - 0.47

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051095	Hemoglobin (g/L)	Screening	2020-06-29 12:20 (-3)	132		110 - 155
		Day 29	2020-07-30 11:41 (29)	130	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-26 09:20 (28)	136		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-29 12:20 (-3)	<0.03		0 - 0.07
		Day 29	2020-07-30 11:41 (29)	<0.03		0 - 0.07
		Day 57	2020-08-26 09:20 (28)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-29 12:20 (-3)	0.1		0 - 1
		Day 29	2020-07-30 11:41 (29)	0.2		0 - 1
		Day 57	2020-08-26 09:20 (28)	0.4		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-29 12:20 (-3)	6.89		3.7 - 11
		Day 29	2020-07-30 11:41 (29)	5.17		3.7 - 11
		Day 57	2020-08-26 09:20 (28)	5.14		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051095	Lymphocytes (10^9/L)	Screening	2020-06-29 12:20 (-3)	2.02		0.9 - 3.6
		Day 29	2020-07-30 11:41 (29)	1.71		0.9 - 3.6
		Day 57	2020-08-26 09:20 (28)	1.82		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-29 12:20 (-3)	29.3		12 - 46
		Day 29	2020-07-30 11:41 (29)	33.1		12 - 46
		Day 57	2020-08-26 09:20 (28)	35.4		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-29 12:20 (-3)	0.90		0 - 1.2
		Day 29	2020-07-30 11:41 (29)	0.77		0 - 1.2
		Day 57	2020-08-26 09:20 (28)	0.52		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-29 12:20 (-3)	13.1 (H)		0 - 11
		Day 29	2020-07-30 11:41 (29)	14.9 (H)		0 - 11
		Day 57	2020-08-26 09:20 (28)	10.1		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051095	Neutrophils (10^9/L)	Screening	2020-06-29 12:20 (-3)	3.69		1.7 - 7.9
		Day 29	2020-07-30 11:41 (29)	2.44		1.7 - 7.9
		Day 57	2020-08-26 09:20 (28)	2.48		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-29 12:20 (-3)	53.6		34 - 71
		Day 29	2020-07-30 11:41 (29)	47.1		34 - 71
		Day 57	2020-08-26 09:20 (28)	48.2		34 - 71
	Platelets (10^9/L)	Screening	2020-06-29 12:20 (-3)	237		163 - 375
		Day 29	2020-07-30 11:41 (29)	243		163 - 375
		Day 57	2020-08-26 09:20 (28)	248		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-29 12:20 (-3)	1.0		0.9 - 1.1
		Day 29	2020-07-30 11:41 (29)	1.0		0.9 - 1.1
		Day 57	2020-08-26 09:20 (28)	1.0		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051095	Prothrombin Time (sec)	Screening	2020-06-29 12:20 (-3)	11.4		9.4 - 12.5
		Day 29	2020-07-30 11:41 (29)	12.5		9.4 - 12.5
		Day 57	2020-08-26 09:20 (28)	12.1		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-29 12:20 (-3)	5.35		1.78 - 7.14
		Day 29	2020-07-30 11:41 (29)	5.71		1.78 - 7.14
		Day 57	2020-08-26 09:20 (28)	6.07		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-29 12:20 (-3)	25.0		7.8 - 26.7
		Day 29	2020-07-30 11:41 (29)	26.7		7.8 - 26.7
		Day 57	2020-08-26 09:20 (28)	28.3 (H)		7.8 - 26.7
US2051096	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-29 14:08 (-7)	34.2		25.1 - 36.5
		Day 29	2020-08-03 09:30 (29)	34.4		25.1 - 36.5
		Day 57	2020-08-31 09:56 (29)	33.4		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051096	Alanine Aminotransferase (U/L)	Screening	2020-06-29 14:08 (-7)	24		10 - 33
		Unscheduled	2020-07-02 11:05 (-4)	23		10 - 33
		Day 29	2020-08-03 09:30 (29)	29		10 - 33
		Day 57	2020-08-31 09:56 (29)	33		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-29 14:08 (-7)	79		30 - 115
		Unscheduled	2020-07-02 11:05 (-4)	80		30 - 115
		Day 29	2020-08-03 09:30 (29)	77		30 - 115
		Day 57	2020-08-31 09:56 (29)	78		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-29 14:08 (-7)	24		10 - 36
		Unscheduled	2020-07-02 11:05 (-4)	24		10 - 36
		Day 29	2020-08-03 09:30 (29)	22		10 - 36
		Day 57	2020-08-31 09:56 (29)	29		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051096	Basophils (10^9/L)	Screening	2020-06-29 14:08 (-7)	0.04		0 - 0.3
		Day 29	2020-08-03 09:30 (29)	0.03		0 - 0.3
		Day 57	2020-08-31 09:56 (29)	0.05		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-29 14:08 (-7)	0.5		0 - 3
		Day 29	2020-08-03 09:30 (29)	0.5		0 - 3
		Day 57	2020-08-31 09:56 (29)	0.8		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-29 14:08 (-7)	5.1		- 18.8
		Unscheduled	2020-07-02 11:05 (-4)	5.6		- 18.8
		Day 29	2020-08-03 09:30 (29)	4.3		- 18.8
		Day 57	2020-08-31 09:56 (29)	6.7		- 18.8
	Creatinine (umol/L)	Screening	2020-06-29 14:08 (-7)	53 (L)		62 - 124
		Unscheduled	2020-07-02 11:05 (-4)	44 (L)		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051096	Creatinine (umol/L)	Day 29	2020-08-03 09:30 (29)	44 (L)		62 - 124
		Day 57	2020-08-31 09:56 (29)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-29 14:08 (-7)	<3.4		0 - 6.8
		Unscheduled	2020-07-02 11:05 (-4)	<3.4		0 - 6.8
		Day 29	2020-08-03 09:30 (29)	<3.4		0 - 6.8
		Day 57	2020-08-31 09:56 (29)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-29 14:08 (-7)	0.22		0 - 0.8
		Day 29	2020-08-03 09:30 (29)	0.13		0 - 0.8
		Day 57	2020-08-31 09:56 (29)	0.19		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-29 14:08 (-7)	2.9		0 - 7
		Day 29	2020-08-03 09:30 (29)	2.3		0 - 7
		Day 57	2020-08-31 09:56 (29)	3.0		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051096	Erythrocytes (10^12/L)	Screening	2020-06-29 14:08 (-7)	4.90		3.7 - 5.2
		Day 29	2020-08-03 09:30 (29)	4.47		3.7 - 5.2
		Day 57	2020-08-31 09:56 (29)	4.51		3.7 - 5.2
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-29 14:08 (-7)	77.3 (H)		1.7 - 21.5
	Hematocrit (L/L)	Screening	2020-06-29 14:08 (-7)	0.488 (H)		0.33 - 0.47
		Day 29	2020-08-03 09:30 (29)	0.441		0.33 - 0.47
		Day 57	2020-08-31 09:56 (29)	0.442		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-29 14:08 (-7)	151		110 - 155
		Day 29	2020-08-03 09:30 (29)	141	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-31 09:56 (29)	141	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-29 14:08 (-7)	<0.03		0 - 0.07
		Day 29	2020-08-03 09:30 (29)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051096	Immature Granulocytes (10^9/L)	Day 57	2020-08-31 09:56 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-29 14:08 (-7)	0.3		0 - 1
		Day 29	2020-08-03 09:30 (29)	0.2		0 - 1
		Day 57	2020-08-31 09:56 (29)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-29 14:08 (-7)	7.50		3.7 - 11
		Day 29	2020-08-03 09:30 (29)	5.55		3.7 - 11
		Day 57	2020-08-31 09:56 (29)	6.32		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-29 14:08 (-7)	1.75		0.9 - 3.6
		Day 29	2020-08-03 09:30 (29)	1.56		0.9 - 3.6
		Day 57	2020-08-31 09:56 (29)	2.27		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-29 14:08 (-7)	23.3		12 - 46
		Day 29	2020-08-03 09:30 (29)	28.1		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051096	Lymphocytes/Leukocytes (%)	Day 57	2020-08-31 09:56 (29)	35.9		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-29 14:08 (-7)	0.49		0 - 1.2
		Day 29	2020-08-03 09:30 (29)	0.33		0 - 1.2
		Day 57	2020-08-31 09:56 (29)	0.40		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-29 14:08 (-7)	6.5		0 - 11
		Day 29	2020-08-03 09:30 (29)	5.9		0 - 11
		Day 57	2020-08-31 09:56 (29)	6.3		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-29 14:08 (-7)	4.98		1.7 - 7.9
		Day 29	2020-08-03 09:30 (29)	3.49		1.7 - 7.9
		Day 57	2020-08-31 09:56 (29)	3.40		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-29 14:08 (-7)	66.5		34 - 71
		Day 29	2020-08-03 09:30 (29)	63.0		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051096	Neutrophils/Leukocytes (%)	Day 57	2020-08-31 09:56 (29)	53.8		34 - 71
	Platelets (10^9/L)	Screening	2020-06-29 14:08 (-7)	248		163 - 375
		Day 29	2020-08-03 09:30 (29)	233		163 - 375
		Day 57	2020-08-31 09:56 (29)	245		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-29 14:08 (-7)	1.0		0.9 - 1.1
		Day 29	2020-08-03 09:30 (29)	1.0		0.9 - 1.1
		Day 57	2020-08-31 09:56 (29)	1.1		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-29 14:08 (-7)	11.5		9.4 - 12.5
		Day 29	2020-08-03 09:30 (29)	11.9		9.4 - 12.5
		Day 57	2020-08-31 09:56 (29)	12.8 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-29 14:08 (-7)	8.57 (H)	G1 Blood Urea Nitrogen Increased	1.78 - 7.14
		Unscheduled	2020-07-02 11:05 (-4)	6.78		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051096	Urea Nitrogen (mmol/L)	Day 29	2020-08-03 09:30 (29)	6.78		1.78 - 7.14
		Day 57	2020-08-31 09:56 (29)	7.14		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-29 14:08 (-7)	40.0 (H)		7.8 - 26.7
		Unscheduled	2020-07-02 11:05 (-4)	38.0 (H)		7.8 - 26.7
		Day 29	2020-08-03 09:30 (29)	38.0 (H)		7.8 - 26.7
		Day 57	2020-08-31 09:56 (29)	33.3 (H)		7.8 - 26.7
US2051099	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-29 15:41 (-7)	30.7		25.1 - 36.5
		Day 29	2020-08-03 10:23 (29)	29.0		25.1 - 36.5
		Day 57	2020-09-02 10:14 (31)	29.0		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-29 15:41 (-7)	13		10 - 40
		Day 29	2020-08-03 10:23 (29)	13		10 - 40
		Day 57	2020-09-02 10:14 (31)	15		10 - 40

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051099	Alkaline Phosphatase (U/L)	Screening	2020-06-29 15:41 (-7)	63		43 - 115
		Day 29	2020-08-03 10:23 (29)	63		43 - 115
		Day 57	2020-09-02 10:14 (31)	66		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-29 15:41 (-7)	20		10 - 43
		Day 29	2020-08-03 10:23 (29)	14		10 - 43
		Day 57	2020-09-02 10:14 (31)	18		10 - 43
	Basophils (10^9/L)	Screening	2020-06-29 15:41 (-7)	0.04		0 - 0.3
		Day 29	2020-08-03 10:23 (29)	0.05		0 - 0.3
		Day 57	2020-09-02 10:14 (31)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-29 15:41 (-7)	0.6		0 - 3
		Day 29	2020-08-03 10:23 (29)	0.8		0 - 3
		Day 57	2020-09-02 10:14 (31)	0.7		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051099	Bilirubin (umol/L)	Screening	2020-06-29 15:41 (-7)	4.3		- 18.8
		Day 29	2020-08-03 10:23 (29)	6.2		- 18.8
		Day 57	2020-09-02 10:14 (31)	7.4		- 18.8
	Creatinine (umol/L)	Screening	2020-06-29 15:41 (-7)	71		62 - 124
		Day 29	2020-08-03 10:23 (29)	97		62 - 124
		Day 57	2020-09-02 10:14 (31)	88		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-29 15:41 (-7)	<3.4		0 - 6.8
		Day 29	2020-08-03 10:23 (29)	<3.4		0 - 6.8
		Day 57	2020-09-02 10:14 (31)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-29 15:41 (-7)	0.12		0 - 0.8
		Day 29	2020-08-03 10:23 (29)	0.11		0 - 0.8
		Day 57	2020-09-02 10:14 (31)	0.12		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051099	Eosinophils/Leukocytes (%)	Screening	2020-06-29 15:41 (-7)	1.9		0 - 7
		Day 29	2020-08-03 10:23 (29)	1.8		0 - 7
		Day 57	2020-09-02 10:14 (31)	2.2		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-29 15:41 (-7)	4.94		4.63 - 6.08
		Day 29	2020-08-03 10:23 (29)	4.84		4.63 - 6.08
		Day 57	2020-09-02 10:14 (31)	4.95		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-29 15:41 (-7)	0.487		0.37 - 0.51
		Day 29	2020-08-03 10:23 (29)	0.472		0.37 - 0.51
		Day 57	2020-09-02 10:14 (31)	0.500		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-29 15:41 (-7)	155		125 - 170
		Day 29	2020-08-03 10:23 (29)	150	G1 Hemoglobin Decreased	125 - 170
		Day 57	2020-09-02 10:14 (31)	157		125 - 170

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051099	Immature Granulocytes (10^9/L)	Screening	2020-06-29 15:41 (-7)	<0.03		0 - 0.07
		Day 29	2020-08-03 10:23 (29)	<0.03		0 - 0.07
		Day 57	2020-09-02 10:14 (31)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-29 15:41 (-7)	0.3		0 - 1
		Day 29	2020-08-03 10:23 (29)	0.3		0 - 1
		Day 57	2020-09-02 10:14 (31)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-29 15:41 (-7)	6.17		3.7 - 11
		Day 29	2020-08-03 10:23 (29)	6.14		3.7 - 11
		Day 57	2020-09-02 10:14 (31)	5.57		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-29 15:41 (-7)	1.76		0.9 - 3.6
		Day 29	2020-08-03 10:23 (29)	1.79		0.9 - 3.6
		Day 57	2020-09-02 10:14 (31)	1.68		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051099	Lymphocytes/Leukocytes (%)	Screening	2020-06-29 15:41 (-7)	28.5		12 - 46
		Day 29	2020-08-03 10:23 (29)	29.2		12 - 46
		Day 57	2020-09-02 10:14 (31)	30.2		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-29 15:41 (-7)	0.65		0 - 1.2
		Day 29	2020-08-03 10:23 (29)	0.58		0 - 1.2
		Day 57	2020-09-02 10:14 (31)	0.51		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-29 15:41 (-7)	10.5		0 - 11
		Day 29	2020-08-03 10:23 (29)	9.4		0 - 11
		Day 57	2020-09-02 10:14 (31)	9.2		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-29 15:41 (-7)	3.58		1.7 - 7.9
		Day 29	2020-08-03 10:23 (29)	3.59		1.7 - 7.9
		Day 57	2020-09-02 10:14 (31)	3.21		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051099	Neutrophils/Leukocytes (%)	Screening	2020-06-29 15:41 (-7)	58.2		34 - 71
		Day 29	2020-08-03 10:23 (29)	58.5		34 - 71
		Day 57	2020-09-02 10:14 (31)	57.5		34 - 71
	Platelets (10^9/L)	Screening	2020-06-29 15:41 (-7)	186		163 - 375
		Day 29	2020-08-03 10:23 (29)	219		163 - 375
		Day 57	2020-09-02 10:14 (31)	186		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-29 15:41 (-7)	0.9		0.9 - 1.1
		Day 29	2020-08-03 10:23 (29)	1.0		0.9 - 1.1
		Day 57	2020-09-02 10:14 (31)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-29 15:41 (-7)	10.8		9.4 - 12.5
		Day 29	2020-08-03 10:23 (29)	11.7		9.4 - 12.5
		Day 57	2020-09-02 10:14 (31)	12.0		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051099	Urea Nitrogen (mmol/L)	Screening	2020-06-29 15:41 (-7)	7.50 (H)		1.78 - 7.14
		Day 29	2020-08-03 10:23 (29)	8.92 (H)	G1 Blood Urea Nitrogen Increased	1.78 - 7.14
		Day 57	2020-09-02 10:14 (31)	7.85 (H)		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-29 15:41 (-7)	26.2		7.8 - 26.7
		Day 29	2020-08-03 10:23 (29)	22.7		7.8 - 26.7
		Day 57	2020-09-02 10:14 (31)	22.0		7.8 - 26.7
US2051100	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-29 15:13 (-3)	31.7		25.1 - 36.5
		Day 29	2020-08-04 11:33 (34)	32.7		25.1 - 36.5
		Day 57	2020-09-08 09:21 (36)	28.8		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-29 15:13 (-3)	12		10 - 33
		Day 29	2020-08-04 11:33 (34)	16		10 - 33

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051100	Alanine Aminotransferase (U/L)	Day 57	2020-09-08 09:21 (36)	15		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-29 15:13 (-3)	38		30 - 115
		Day 29	2020-08-04 11:33 (34)	36		30 - 115
		Day 57	2020-09-08 09:21 (36)	35		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-29 15:13 (-3)	23		10 - 36
		Day 29	2020-08-04 11:33 (34)	28		10 - 36
		Day 57	2020-09-08 09:21 (36)	20		10 - 36
	Basophils (10^9/L)	Screening	2020-06-29 15:13 (-3)	0.04		0 - 0.3
		Day 29	2020-08-04 11:33 (34)	0.04		0 - 0.3
		Day 57	2020-09-08 09:21 (36)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-29 15:13 (-3)	0.7		0 - 3
		Day 29	2020-08-04 11:33 (34)	0.6		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051100	Basophils/Leukocytes (%)	Day 57	2020-09-08 09:21 (36)	0.7		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-29 15:13 (-3)	8.2		- 18.8
		Day 29	2020-08-04 11:33 (34)	8.7		- 18.8
		Day 57	2020-09-08 09:21 (36)	4.4		- 18.8
	Creatinine (umol/L)	Screening	2020-06-29 15:13 (-3)	62		62 - 124
		Day 29	2020-08-04 11:33 (34)	53 (L)		62 - 124
		Day 57	2020-09-08 09:21 (36)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-29 15:13 (-3)	<3.4		0 - 6.8
		Day 29	2020-08-04 11:33 (34)	<3.4		0 - 6.8
		Day 57	2020-09-08 09:21 (36)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-29 15:13 (-3)	0.09		0 - 0.8
		Day 29	2020-08-04 11:33 (34)	0.13		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051100	Eosinophils (10^9/L)	Day 57	2020-09-08 09:21 (36)	0.22		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-29 15:13 (-3)	1.7		0 - 7
		Day 29	2020-08-04 11:33 (34)	2.1		0 - 7
		Day 57	2020-09-08 09:21 (36)	3.7		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-29 15:13 (-3)	4.38		3.7 - 5.2
		Day 29	2020-08-04 11:33 (34)	4.19		3.7 - 5.2
		Day 57	2020-09-08 09:21 (36)	4.32		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-29 15:13 (-3)	0.431		0.33 - 0.47
		Day 29	2020-08-04 11:33 (34)	0.406		0.33 - 0.47
		Day 57	2020-09-08 09:21 (36)	0.419		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-29 15:13 (-3)	131		110 - 155
		Day 29	2020-08-04 11:33 (34)	125	G1 Hemoglobin Decreased	110 - 155

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051100	Hemoglobin (g/L)	Day 57	2020-09-08 09:21 (36)	127	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-29 15:13 (-3)	<0.03		0 - 0.07
		Day 29	2020-08-04 11:33 (34)	<0.03		0 - 0.07
		Day 57	2020-09-08 09:21 (36)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-29 15:13 (-3)	0.4		0 - 1
		Day 29	2020-08-04 11:33 (34)	0.3		0 - 1
		Day 57	2020-09-08 09:21 (36)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-29 15:13 (-3)	5.41		3.7 - 11
		Day 29	2020-08-04 11:33 (34)	6.23		3.7 - 11
		Day 57	2020-09-08 09:21 (36)	5.97		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-29 15:13 (-3)	1.89		0.9 - 3.6
		Day 29	2020-08-04 11:33 (34)	1.89		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051100	Lymphocytes (10^9/L)	Day 57	2020-09-08 09:21 (36)	2.72		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-29 15:13 (-3)	34.9		12 - 46
		Day 29	2020-08-04 11:33 (34)	30.3		12 - 46
		Day 57	2020-09-08 09:21 (36)	45.6		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-29 15:13 (-3)	0.61		0 - 1.2
		Day 29	2020-08-04 11:33 (34)	0.59		0 - 1.2
		Day 57	2020-09-08 09:21 (36)	0.63		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-29 15:13 (-3)	11.3 (H)		0 - 11
		Day 29	2020-08-04 11:33 (34)	9.5		0 - 11
		Day 57	2020-09-08 09:21 (36)	10.6		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-29 15:13 (-3)	2.76		1.7 - 7.9
		Day 29	2020-08-04 11:33 (34)	3.56		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051100	Neutrophils (10^9/L)	Day 57	2020-09-08 09:21 (36)	2.35		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-29 15:13 (-3)	51.0		34 - 71
		Day 29	2020-08-04 11:33 (34)	57.2		34 - 71
		Day 57	2020-09-08 09:21 (36)	39.2		34 - 71
	Platelets (10^9/L)	Screening	2020-06-29 15:13 (-3)	227		163 - 375
		Day 29	2020-08-04 11:33 (34)	241		163 - 375
		Day 57	2020-09-08 09:21 (36)	226		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-29 15:13 (-3)	1.0		0.9 - 1.1
		Day 29	2020-08-04 11:33 (34)	1.1		0.9 - 1.1
		Day 57	2020-09-08 09:21 (36)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-29 15:13 (-3)	12.0		9.4 - 12.5
		Day 29	2020-08-04 11:33 (34)	13.9 (H)	G2 Prothrombin Time Increased	9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051100	Prothrombin Time (sec)	Day 57	2020-09-08 09:21 (36)	11.8		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-29 15:13 (-3)	5.00		1.78 - 7.14
		Day 29	2020-08-04 11:33 (34)	5.71		1.78 - 7.14
		Day 57	2020-09-08 09:21 (36)	6.07		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-29 15:13 (-3)	20.0		7.8 - 26.7
		Day 29	2020-08-04 11:33 (34)	26.7		7.8 - 26.7
		Day 57	2020-09-08 09:21 (36)	24.3		7.8 - 26.7
US2051103	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-30 13:01 (-2)	33.2		25.1 - 36.5
		Day 29	2020-07-30 08:29 (29)	29.9		25.1 - 36.5
		Day 57	2020-08-27 09:18 (29)	30.9		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-30 13:01 (-2)	12		10 - 33
		Day 29	2020-07-30 08:29 (29)	14		10 - 33

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051103	Alanine Aminotransferase (U/L)	Day 57	2020-08-27 09:18 (29)	16		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-30 13:01 (-2)	59		30 - 115
		Day 29	2020-07-30 08:29 (29)	64		30 - 115
		Day 57	2020-08-27 09:18 (29)	65		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-30 13:01 (-2)	15		10 - 36
		Day 29	2020-07-30 08:29 (29)	18		10 - 36
		Day 57	2020-08-27 09:18 (29)	18		10 - 36
	Basophils (10^9/L)	Screening	2020-06-30 13:01 (-2)	0.05		0 - 0.3
		Day 29	2020-07-30 08:29 (29)	0.04		0 - 0.3
		Day 57	2020-08-27 09:18 (29)	0.05		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-30 13:01 (-2)	1.3		0 - 3
		Day 29	2020-07-30 08:29 (29)	1.1		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051103	Basophils/Leukocytes (%)	Day 57	2020-08-27 09:18 (29)	1.6		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-30 13:01 (-2)	11.8		- 18.8
		Day 29	2020-07-30 08:29 (29)	8.9		- 18.8
		Day 57	2020-08-27 09:18 (29)	8.7		- 18.8
	Creatinine (umol/L)	Screening	2020-06-30 13:01 (-2)	62		62 - 124
		Day 29	2020-07-30 08:29 (29)	62		62 - 124
		Day 57	2020-08-27 09:18 (29)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-30 13:01 (-2)	<3.4		0 - 6.8
		Day 29	2020-07-30 08:29 (29)	<3.4		0 - 6.8
		Day 57	2020-08-27 09:18 (29)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-30 13:01 (-2)	0.03		0 - 0.8
		Day 29	2020-07-30 08:29 (29)	0.10		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051103	Eosinophils (10^9/L)	Day 57	2020-08-27 09:18 (29)	0.07		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-30 13:01 (-2)	0.8		0 - 7
		Day 29	2020-07-30 08:29 (29)	2.7		0 - 7
		Day 57	2020-08-27 09:18 (29)	2.2		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-30 13:01 (-2)	4.44		3.7 - 5.2
		Day 29	2020-07-30 08:29 (29)	4.14		3.7 - 5.2
		Day 57	2020-08-27 09:18 (29)	4.15		3.7 - 5.2
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-30 13:01 (-2)	91.8 (H)		1.7 - 21.5
	Hematocrit (L/L)	Screening	2020-06-30 13:01 (-2)	0.442		0.33 - 0.47
		Day 29	2020-07-30 08:29 (29)	0.412		0.33 - 0.47
		Day 57	2020-08-27 09:18 (29)	0.417		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-30 13:01 (-2)	138		110 - 155

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051103	Hemoglobin (g/L)	Day 29	2020-07-30 08:29 (29)	128	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-27 09:18 (29)	129	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-30 13:01 (-2)	<0.03		0 - 0.07
		Day 29	2020-07-30 08:29 (29)	<0.03		0 - 0.07
		Day 57	2020-08-27 09:18 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-30 13:01 (-2)	0.3		0 - 1
		Day 29	2020-07-30 08:29 (29)	0.3		0 - 1
		Day 57	2020-08-27 09:18 (29)	0.0		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-30 13:01 (-2)	3.87		3.7 - 11
		Day 29	2020-07-30 08:29 (29)	3.67 (L)		3.7 - 11
		Day 57	2020-08-27 09:18 (29)	3.19 (L)	G1 WBC Decreased	3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-30 13:01 (-2)	1.32		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051103	Lymphocytes (10^9/L)	Day 29	2020-07-30 08:29 (29)	1.29		0.9 - 3.6
		Day 57	2020-08-27 09:18 (29)	1.22		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-30 13:01 (-2)	34.1		12 - 46
		Day 29	2020-07-30 08:29 (29)	35.1		12 - 46
		Day 57	2020-08-27 09:18 (29)	38.2		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-30 13:01 (-2)	0.23		0 - 1.2
		Day 29	2020-07-30 08:29 (29)	0.27		0 - 1.2
		Day 57	2020-08-27 09:18 (29)	0.19		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-30 13:01 (-2)	5.9		0 - 11
		Day 29	2020-07-30 08:29 (29)	7.4		0 - 11
		Day 57	2020-08-27 09:18 (29)	6.0		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-30 13:01 (-2)	2.23		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051103	Neutrophils (10^9/L)	Day 29	2020-07-30 08:29 (29)	1.96	G1 Neutrophils Decreased	1.7 - 7.9
		Day 57	2020-08-27 09:18 (29)	1.66 (L)	G1 Neutrophils Decreased	1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-30 13:01 (-2)	57.6		34 - 71
		Day 29	2020-07-30 08:29 (29)	53.4		34 - 71
		Day 57	2020-08-27 09:18 (29)	52.0		34 - 71
	Platelets (10^9/L)	Screening	2020-06-30 13:01 (-2)	180		163 - 375
		Day 29	2020-07-30 08:29 (29)	180		163 - 375
		Day 57	2020-08-27 09:18 (29)	180		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-30 13:01 (-2)	0.9		0.9 - 1.1
		Day 29	2020-07-30 08:29 (29)	0.9		0.9 - 1.1
		Day 57	2020-08-27 09:18 (29)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-30 13:01 (-2)	10.7		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051103	Prothrombin Time (sec)	Day 29	2020-07-30 08:29 (29)	11.0		9.4 - 12.5
		Day 57	2020-08-27 09:18 (29)	11.0		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-30 13:01 (-2)	5.71		1.78 - 7.14
		Day 29	2020-07-30 08:29 (29)	6.78		1.78 - 7.14
		Day 57	2020-08-27 09:18 (29)	6.78		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-30 13:01 (-2)	22.9		7.8 - 26.7
		Day 29	2020-07-30 08:29 (29)	27.1 (H)		7.8 - 26.7
		Day 57	2020-08-27 09:18 (29)	27.1 (H)		7.8 - 26.7
US2051105	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-30 12:56 (-2)	33.9		25.1 - 36.5
		Day 29	2020-07-31 09:39 (30)	31.6		25.1 - 36.5
		Day 57	2020-08-27 14:59 (28)	28.6		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-30 12:56 (-2)	16		10 - 33

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051105	Alanine Aminotransferase (U/L)	Day 29	2020-07-31 09:39 (30)	16		10 - 33
		Day 57	2020-08-27 14:59 (28)	16		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-30 12:56 (-2)	60		30 - 115
		Day 29	2020-07-31 09:39 (30)	69		30 - 115
		Day 57	2020-08-27 14:59 (28)	78		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-30 12:56 (-2)	20		10 - 36
		Day 29	2020-07-31 09:39 (30)	23		10 - 36
		Day 57	2020-08-27 14:59 (28)	25		10 - 36
	Basophils (10^9/L)	Screening	2020-06-30 12:56 (-2)	0.03		0 - 0.3
		Day 29	2020-07-31 09:39 (30)	0.05		0 - 0.3
		Day 57	2020-08-27 14:59 (28)	0.05		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-30 12:56 (-2)	0.5		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051105	Basophils/Leukocytes (%)	Day 29	2020-07-31 09:39 (30)	1.0		0 - 3
		Day 57	2020-08-27 14:59 (28)	0.8		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-30 12:56 (-2)	6.0		- 18.8
		Day 29	2020-07-31 09:39 (30)	7.4		- 18.8
		Day 57	2020-08-27 14:59 (28)	4.3		- 18.8
	Creatinine (umol/L)	Screening	2020-06-30 12:56 (-2)	62		62 - 124
		Day 29	2020-07-31 09:39 (30)	53 (L)		62 - 124
		Day 57	2020-08-27 14:59 (28)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-30 12:56 (-2)	<3.4		0 - 6.8
		Day 29	2020-07-31 09:39 (30)	<3.4		0 - 6.8
		Day 57	2020-08-27 14:59 (28)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-30 12:56 (-2)	0.09		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051105	Eosinophils (10^9/L)	Day 29	2020-07-31 09:39 (30)	0.07		0 - 0.8
		Day 57	2020-08-27 14:59 (28)	0.09		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-30 12:56 (-2)	1.6		0 - 7
		Day 29	2020-07-31 09:39 (30)	1.5		0 - 7
		Day 57	2020-08-27 14:59 (28)	1.5		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-30 12:56 (-2)	4.52		3.7 - 5.2
		Day 29	2020-07-31 09:39 (30)	4.46		3.7 - 5.2
		Day 57	2020-08-27 14:59 (28)	4.23		3.7 - 5.2
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-30 12:56 (-2)	111.5 (H)		1.7 - 21.5
	Hematocrit (L/L)	Screening	2020-06-30 12:56 (-2)	0.458		0.33 - 0.47
		Day 29	2020-07-31 09:39 (30)	0.450		0.33 - 0.47
		Day 57	2020-08-27 14:59 (28)	0.425		0.33 - 0.47

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051105	Hemoglobin (g/L)	Screening	2020-06-30 12:56 (-2)	139		110 - 155
		Day 29	2020-07-31 09:39 (30)	138	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-27 14:59 (28)	130	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-30 12:56 (-2)	<0.03		0 - 0.07
		Day 29	2020-07-31 09:39 (30)	<0.03		0 - 0.07
		Day 57	2020-08-27 14:59 (28)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-30 12:56 (-2)	0.2		0 - 1
		Day 29	2020-07-31 09:39 (30)	0.0		0 - 1
		Day 57	2020-08-27 14:59 (28)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-30 12:56 (-2)	5.63		3.7 - 11
		Day 29	2020-07-31 09:39 (30)	4.80		3.7 - 11
		Day 57	2020-08-27 14:59 (28)	6.11		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051105	Lymphocytes (10^9/L)	Screening	2020-06-30 12:56 (-2)	2.48		0.9 - 3.6
		Day 29	2020-07-31 09:39 (30)	2.00		0.9 - 3.6
		Day 57	2020-08-27 14:59 (28)	2.90		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-30 12:56 (-2)	44.0		12 - 46
		Day 29	2020-07-31 09:39 (30)	41.7		12 - 46
		Day 57	2020-08-27 14:59 (28)	47.5 (H)		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-30 12:56 (-2)	0.36		0 - 1.2
		Day 29	2020-07-31 09:39 (30)	0.33		0 - 1.2
		Day 57	2020-08-27 14:59 (28)	0.45		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-30 12:56 (-2)	6.4		0 - 11
		Day 29	2020-07-31 09:39 (30)	6.9		0 - 11
		Day 57	2020-08-27 14:59 (28)	7.4		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051105	Neutrophils (10^9/L)	Screening	2020-06-30 12:56 (-2)	2.66		1.7 - 7.9
		Day 29	2020-07-31 09:39 (30)	2.35		1.7 - 7.9
		Day 57	2020-08-27 14:59 (28)	2.61		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-30 12:56 (-2)	47.3		34 - 71
		Day 29	2020-07-31 09:39 (30)	48.9		34 - 71
		Day 57	2020-08-27 14:59 (28)	42.6		34 - 71
	Platelets (10^9/L)	Screening	2020-06-30 12:56 (-2)	189		163 - 375
		Day 29	2020-07-31 09:39 (30)	198		163 - 375
		Day 57	2020-08-27 14:59 (28)	224		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-30 12:56 (-2)	1.0		0.9 - 1.1
		Day 29	2020-07-31 09:39 (30)	1.0		0.9 - 1.1
		Day 57	2020-08-27 14:59 (28)	0.9		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051105	Prothrombin Time (sec)	Screening	2020-06-30 12:56 (-2)	11.3		9.4 - 12.5
		Day 29	2020-07-31 09:39 (30)	12.1		9.4 - 12.5
		Day 57	2020-08-27 14:59 (28)	11.4		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-30 12:56 (-2)	4.28		1.78 - 7.14
		Day 29	2020-07-31 09:39 (30)	3.21		1.78 - 7.14
		Day 57	2020-08-27 14:59 (28)	4.64		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-30 12:56 (-2)	17.1		7.8 - 26.7
		Day 29	2020-07-31 09:39 (30)	15.0		7.8 - 26.7
		Day 57	2020-08-27 14:59 (28)	21.7		7.8 - 26.7
US2051107	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-30 15:22 (-2)	30.6		25.1 - 36.5
		Day 29	2020-07-31 09:27 (30)	28.6		25.1 - 36.5
		Day 57	2020-08-28 08:23 (29)	28.8		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051107	Alanine Aminotransferase (U/L)	Screening	2020-06-30 15:22 (-2)	14		10 - 40
		Day 29	2020-07-31 09:27 (30)	12		10 - 40
		Day 57	2020-08-28 08:23 (29)	16		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-30 15:22 (-2)	59		43 - 115
		Day 29	2020-07-31 09:27 (30)	50		43 - 115
		Day 57	2020-08-28 08:23 (29)	49		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-30 15:22 (-2)	15		10 - 43
		Day 29	2020-07-31 09:27 (30)	15		10 - 43
		Day 57	2020-08-28 08:23 (29)	14		10 - 43
	Basophils (10^9/L)	Screening	2020-06-30 15:22 (-2)	0.08		0 - 0.3
		Day 29	2020-07-31 09:27 (30)	0.07		0 - 0.3
		Day 57	2020-08-28 08:23 (29)	0.07		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051107	Basophils/Leukocytes (%)	Screening	2020-06-30 15:22 (-2)	1.0		0 - 3
		Day 29	2020-07-31 09:27 (30)	1.1		0 - 3
		Day 57	2020-08-28 08:23 (29)	1.1		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-30 15:22 (-2)	16.1		- 18.8
		Day 29	2020-07-31 09:27 (30)	15.2		- 18.8
		Day 57	2020-08-28 08:23 (29)	17.8		- 18.8
	Creatinine (umol/L)	Screening	2020-06-30 15:22 (-2)	97		62 - 124
		Day 29	2020-07-31 09:27 (30)	88		62 - 124
		Day 57	2020-08-28 08:23 (29)	80		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-30 15:22 (-2)	3.4		0 - 6.8
		Day 29	2020-07-31 09:27 (30)	<3.4		0 - 6.8
		Day 57	2020-08-28 08:23 (29)	4.3		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051107	Eosinophils (10^9/L)	Screening	2020-06-30 15:22 (-2)	0.24		0 - 0.8
		Day 29	2020-07-31 09:27 (30)	0.20		0 - 0.8
		Day 57	2020-08-28 08:23 (29)	0.28		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-30 15:22 (-2)	3.0		0 - 7
		Day 29	2020-07-31 09:27 (30)	3.2		0 - 7
		Day 57	2020-08-28 08:23 (29)	4.6		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-30 15:22 (-2)	4.89		4.63 - 6.08
		Day 29	2020-07-31 09:27 (30)	4.67		4.63 - 6.08
		Day 57	2020-08-28 08:23 (29)	4.88		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-30 15:22 (-2)	0.479		0.37 - 0.51
		Day 29	2020-07-31 09:27 (30)	0.460		0.37 - 0.51
		Day 57	2020-08-28 08:23 (29)	0.496		0.37 - 0.51

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051107	Hemoglobin (g/L)	Screening	2020-06-30 15:22 (-2)	156		125 - 170
		Day 29	2020-07-31 09:27 (30)	152	G1 Hemoglobin Decreased	125 - 170
		Day 57	2020-08-28 08:23 (29)	156		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-30 15:22 (-2)	0.03		0 - 0.07
		Day 29	2020-07-31 09:27 (30)	<0.03		0 - 0.07
		Day 57	2020-08-28 08:23 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-30 15:22 (-2)	0.4		0 - 1
		Day 29	2020-07-31 09:27 (30)	0.2		0 - 1
		Day 57	2020-08-28 08:23 (29)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-30 15:22 (-2)	7.87		3.7 - 11
		Day 29	2020-07-31 09:27 (30)	6.18		3.7 - 11
		Day 57	2020-08-28 08:23 (29)	6.12		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051107	Lymphocytes (10^9/L)	Screening	2020-06-30 15:22 (-2)	1.91		0.9 - 3.6
		Day 29	2020-07-31 09:27 (30)	1.56		0.9 - 3.6
		Day 57	2020-08-28 08:23 (29)	1.84		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-30 15:22 (-2)	24.3		12 - 46
		Day 29	2020-07-31 09:27 (30)	25.2		12 - 46
		Day 57	2020-08-28 08:23 (29)	30.1		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-30 15:22 (-2)	0.64		0 - 1.2
		Day 29	2020-07-31 09:27 (30)	0.39		0 - 1.2
		Day 57	2020-08-28 08:23 (29)	0.49		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-30 15:22 (-2)	8.1		0 - 11
		Day 29	2020-07-31 09:27 (30)	6.3		0 - 11
		Day 57	2020-08-28 08:23 (29)	8.0		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051107	Neutrophils (10^9/L)	Screening	2020-06-30 15:22 (-2)	4.97		1.7 - 7.9
		Day 29	2020-07-31 09:27 (30)	3.95		1.7 - 7.9
		Day 57	2020-08-28 08:23 (29)	3.42		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-30 15:22 (-2)	63.2		34 - 71
		Day 29	2020-07-31 09:27 (30)	64.0		34 - 71
		Day 57	2020-08-28 08:23 (29)	55.9		34 - 71
	Platelets (10^9/L)	Screening	2020-06-30 15:22 (-2)	262		163 - 375
		Day 29	2020-07-31 09:27 (30)	295		163 - 375
		Day 57	2020-08-28 08:23 (29)	267		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-30 15:22 (-2)	1.0		0.9 - 1.1
		Day 29	2020-07-31 09:27 (30)	1.0		0.9 - 1.1
		Day 57	2020-08-28 08:23 (29)	1.0		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051107	Prothrombin Time (sec)	Screening	2020-06-30 15:22 (-2)	11.2		9.4 - 12.5
		Day 29	2020-07-31 09:27 (30)	11.7		9.4 - 12.5
		Day 57	2020-08-28 08:23 (29)	11.5		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-30 15:22 (-2)	7.50 (H)		1.78 - 7.14
		Day 29	2020-07-31 09:27 (30)	5.71		1.78 - 7.14
		Day 57	2020-08-28 08:23 (29)	7.85 (H)		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-30 15:22 (-2)	19.1		7.8 - 26.7
		Day 29	2020-07-31 09:27 (30)	16.0		7.8 - 26.7
		Day 57	2020-08-28 08:23 (29)	24.4		7.8 - 26.7
US2051109	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-30 16:02 (-6)	31.2		25.1 - 36.5
		Day 29	2020-08-04 12:16 (30)	28.9		25.1 - 36.5
		Day 57	2020-09-02 15:02 (30)	27.8		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051109	Alanine Aminotransferase (U/L)	Screening	2020-06-30 16:02 (-6)	15		10 - 33
		Day 29	2020-08-04 12:16 (30)	12		10 - 33
		Day 57	2020-09-02 15:02 (30)	13		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-30 16:02 (-6)	52		30 - 115
		Day 29	2020-08-04 12:16 (30)	55		30 - 115
		Day 57	2020-09-02 15:02 (30)	59		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-30 16:02 (-6)	19		10 - 36
		Day 29	2020-08-04 12:16 (30)	22		10 - 36
		Day 57	2020-09-02 15:02 (30)	18		10 - 36
	Basophils (10^9/L)	Screening	2020-06-30 16:02 (-6)	0.03		0 - 0.3
		Day 29	2020-08-04 12:16 (30)	0.03		0 - 0.3
		Day 57	2020-09-02 15:02 (30)	0.03		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051109	Basophils/Leukocytes (%)	Screening	2020-06-30 16:02 (-6)	0.4		0 - 3
		Day 29	2020-08-04 12:16 (30)	0.5		0 - 3
		Day 57	2020-09-02 15:02 (30)	0.5		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-30 16:02 (-6)	5.5		- 18.8
		Day 29	2020-08-04 12:16 (30)	8.6		- 18.8
		Day 57	2020-09-02 15:02 (30)	8.6		- 18.8
	Creatinine (umol/L)	Screening	2020-06-30 16:02 (-6)	53 (L)		62 - 124
		Day 29	2020-08-04 12:16 (30)	44 (L)		62 - 124
		Day 57	2020-09-02 15:02 (30)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-30 16:02 (-6)	<3.4		0 - 6.8
		Day 29	2020-08-04 12:16 (30)	<3.4		0 - 6.8
		Day 57	2020-09-02 15:02 (30)	<3.4		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051109	Eosinophils (10^9/L)	Screening	2020-06-30 16:02 (-6)	0.13		0 - 0.8
		Day 29	2020-08-04 12:16 (30)	0.13		0 - 0.8
		Day 57	2020-09-02 15:02 (30)	0.17		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-30 16:02 (-6)	1.8		0 - 7
		Day 29	2020-08-04 12:16 (30)	2.1		0 - 7
		Day 57	2020-09-02 15:02 (30)	2.6		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-30 16:02 (-6)	4.87		3.7 - 5.2
		Day 29	2020-08-04 12:16 (30)	4.56		3.7 - 5.2
		Day 57	2020-09-02 15:02 (30)	4.52		3.7 - 5.2
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-30 16:02 (-6)	77.6 (H)		1.7 - 21.5
	Hematocrit (L/L)	Screening	2020-06-30 16:02 (-6)	0.459		0.33 - 0.47
		Day 29	2020-08-04 12:16 (30)	0.420		0.33 - 0.47

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051109	Hematocrit (L/L)	Day 57	2020-09-02 15:02 (30)	0.417		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-30 16:02 (-6)	144		110 - 155
		Day 29	2020-08-04 12:16 (30)	133	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-09-02 15:02 (30)	134	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-30 16:02 (-6)	<0.03		0 - 0.07
		Day 29	2020-08-04 12:16 (30)	<0.03		0 - 0.07
		Day 57	2020-09-02 15:02 (30)	0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-30 16:02 (-6)	0.1		0 - 1
		Day 29	2020-08-04 12:16 (30)	0.3		0 - 1
		Day 57	2020-09-02 15:02 (30)	0.5		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-30 16:02 (-6)	7.03		3.7 - 11
		Day 29	2020-08-04 12:16 (30)	6.31		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051109	Leukocytes (10^9/L)	Day 57	2020-09-02 15:02 (30)	6.55		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-30 16:02 (-6)	1.71		0.9 - 3.6
		Day 29	2020-08-04 12:16 (30)	1.61		0.9 - 3.6
		Day 57	2020-09-02 15:02 (30)	1.72		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-30 16:02 (-6)	24.3		12 - 46
		Day 29	2020-08-04 12:16 (30)	25.5		12 - 46
		Day 57	2020-09-02 15:02 (30)	26.3		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-30 16:02 (-6)	0.48		0 - 1.2
		Day 29	2020-08-04 12:16 (30)	0.40		0 - 1.2
		Day 57	2020-09-02 15:02 (30)	0.43		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-30 16:02 (-6)	6.8		0 - 11
		Day 29	2020-08-04 12:16 (30)	6.3		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051109	Monocytes/Leukocytes (%)	Day 57	2020-09-02 15:02 (30)	6.6		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-30 16:02 (-6)	4.67		1.7 - 7.9
		Day 29	2020-08-04 12:16 (30)	4.12		1.7 - 7.9
		Day 57	2020-09-02 15:02 (30)	4.17		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-30 16:02 (-6)	66.6		34 - 71
		Day 29	2020-08-04 12:16 (30)	65.3		34 - 71
		Day 57	2020-09-02 15:02 (30)	63.5		34 - 71
	Platelets (10^9/L)	Screening	2020-06-30 16:02 (-6)	262		163 - 375
		Day 29	2020-08-04 12:16 (30)	264		163 - 375
		Day 57	2020-09-02 15:02 (30)	258		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-30 16:02 (-6)	1.0		0.9 - 1.1
		Day 29	2020-08-04 12:16 (30)	1.0		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051109	Prothrombin Intl. Normalized Ratio	Day 57	2020-09-02 15:02 (30)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-30 16:02 (-6)	11.5		9.4 - 12.5
		Day 29	2020-08-04 12:16 (30)	12.1		9.4 - 12.5
		Day 57	2020-09-02 15:02 (30)	11.9		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-30 16:02 (-6)	6.07		1.78 - 7.14
		Day 29	2020-08-04 12:16 (30)	5.00		1.78 - 7.14
		Day 57	2020-09-02 15:02 (30)	5.71		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-30 16:02 (-6)	28.3 (H)		7.8 - 26.7
		Day 29	2020-08-04 12:16 (30)	28.0 (H)		7.8 - 26.7
		Day 57	2020-09-02 15:02 (30)	22.9		7.8 - 26.7
US2061037	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-09 11:37 (-17)	31.3		25.1 - 36.5
		Day 29	2020-07-29 08:40 (34)	29.7		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061037	Activated Partial Thromboplastin Time (sec)	Day 57	2020-08-26 13:50 (29)	31.1		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-09 11:37 (-17)	30		10 - 33
		Day 29	2020-07-29 08:40 (34)	44 (H)	G1 Alanine Aminotransferase Increased	10 - 33
		Day 57	2020-08-26 13:50 (29)	25		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-09 11:37 (-17)	102		30 - 115
		Day 29	2020-07-29 08:40 (34)	81		30 - 115
		Day 57	2020-08-26 13:50 (29)	90		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-09 11:37 (-17)	27		10 - 36
		Day 29	2020-07-29 08:40 (34)	34		10 - 36
		Day 57	2020-08-26 13:50 (29)	20		10 - 36
	Basophils (10^9/L)	Screening	2020-06-09 11:37 (-17)	0.03		0 - 0.3
		Day 29	2020-07-29 08:40 (34)	0.03		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061037	Basophils (10^9/L)	Day 57	2020-08-26 13:50 (29)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-09 11:37 (-17)	0.6		0 - 3
		Day 29	2020-07-29 08:40 (34)	0.6		0 - 3
		Day 57	2020-08-26 13:50 (29)	0.4		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-09 11:37 (-17)	15.2		- 18.8
		Day 29	2020-07-29 08:40 (34)	16.4		- 18.8
		Day 57	2020-08-26 13:50 (29)	11.6		- 18.8
	Creatinine (umol/L)	Screening	2020-06-09 11:37 (-17)	44 (L)		62 - 124
		Day 29	2020-07-29 08:40 (34)	44 (L)		62 - 124
		Day 57	2020-08-26 13:50 (29)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-09 11:37 (-17)	3.4		0 - 6.8
		Day 29	2020-07-29 08:40 (34)	3.4		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061037	Direct Bilirubin (umol/L)	Day 57	2020-08-26 13:50 (29)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-09 11:37 (-17)	0.18		0 - 0.8
		Day 29	2020-07-29 08:40 (34)	0.21		0 - 0.8
		Day 57	2020-08-26 13:50 (29)	0.23		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-09 11:37 (-17)	3.4		0 - 7
		Day 29	2020-07-29 08:40 (34)	4.0		0 - 7
		Day 57	2020-08-26 13:50 (29)	4.3		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-09 11:37 (-17)	5.00		3.7 - 5.2
		Day 29	2020-07-29 08:40 (34)	4.77		3.7 - 5.2
		Day 57	2020-08-26 13:50 (29)	4.60		3.7 - 5.2
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-09 11:37 (-17)	51.8 (H)		1.7 - 21.5
	Hematocrit (L/L)	Screening	2020-06-09 11:37 (-17)	0.457		0.33 - 0.47

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061037	Hematocrit (L/L)	Day 29	2020-07-29 08:40 (34)	0.443		0.33 - 0.47
		Day 57	2020-08-26 13:50 (29)	0.463		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-09 11:37 (-17)	146		110 - 155
		Day 29	2020-07-29 08:40 (34)	137	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-26 13:50 (29)	132	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-09 11:37 (-17)	<0.03		0 - 0.07
		Day 29	2020-07-29 08:40 (34)	<0.03		0 - 0.07
		Day 57	2020-08-26 13:50 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-09 11:37 (-17)	0.2		0 - 1
		Day 29	2020-07-29 08:40 (34)	0.4		0 - 1
		Day 57	2020-08-26 13:50 (29)	0.0		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-09 11:37 (-17)	5.29		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061037	Leukocytes (10^9/L)	Day 29	2020-07-29 08:40 (34)	5.22		3.7 - 11
		Day 57	2020-08-26 13:50 (29)	5.31		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-09 11:37 (-17)	1.75		0.9 - 3.6
		Day 29	2020-07-29 08:40 (34)	1.85		0.9 - 3.6
		Day 57	2020-08-26 13:50 (29)	1.64		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-09 11:37 (-17)	33.1		12 - 46
		Day 29	2020-07-29 08:40 (34)	35.4		12 - 46
		Day 57	2020-08-26 13:50 (29)	30.9		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-09 11:37 (-17)	0.35		0 - 1.2
		Day 29	2020-07-29 08:40 (34)	0.34		0 - 1.2
		Day 57	2020-08-26 13:50 (29)	0.44		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-09 11:37 (-17)	6.6		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061037	Monocytes/Leukocytes (%)	Day 29	2020-07-29 08:40 (34)	6.5		0 - 11
		Day 57	2020-08-26 13:50 (29)	8.3		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-09 11:37 (-17)	2.97		1.7 - 7.9
		Day 29	2020-07-29 08:40 (34)	2.77		1.7 - 7.9
		Day 57	2020-08-26 13:50 (29)	2.98		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-09 11:37 (-17)	56.1		34 - 71
		Day 29	2020-07-29 08:40 (34)	53.1		34 - 71
		Day 57	2020-08-26 13:50 (29)	56.1		34 - 71
	Platelets (10^9/L)	Screening	2020-06-09 11:37 (-17)	254		163 - 375
		Day 29	2020-07-29 08:40 (34)	254		163 - 375
		Day 57	2020-08-26 13:50 (29)	231		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-09 11:37 (-17)	1.0		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061037	Prothrombin Intl. Normalized Ratio	Day 29	2020-07-29 08:40 (34)	1.0		0.9 - 1.1
		Day 57	2020-08-26 13:50 (29)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-09 11:37 (-17)	11.4		9.4 - 12.5
		Day 29	2020-07-29 08:40 (34)	12.3		9.4 - 12.5
		Day 57	2020-08-26 13:50 (29)	12.4		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-09 11:37 (-17)	5.35		1.78 - 7.14
		Day 29	2020-07-29 08:40 (34)	4.64		1.78 - 7.14
		Day 57	2020-08-26 13:50 (29)	5.00		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-09 11:37 (-17)	30.0 (H)		7.8 - 26.7
		Day 29	2020-07-29 08:40 (34)	26.0		7.8 - 26.7
		Day 57	2020-08-26 13:50 (29)	20.0		7.8 - 26.7
US2061053	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-15 14:02 (-16)	35.7		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061053	Activated Partial Thromboplastin Time (sec)	Day 29	2020-07-29 11:44 (29)	30.4		25.1 - 36.5
		Day 57	2020-08-24 11:58 (27)	35.0		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-15 14:02 (-16)	16		10 - 33
		Day 29	2020-07-29 11:44 (29)	12		10 - 33
		Day 57	2020-08-24 11:58 (27)	18		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-15 14:02 (-16)	89		30 - 115
		Day 29	2020-07-29 11:44 (29)	85		30 - 115
		Day 57	2020-08-24 11:58 (27)	88		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-15 14:02 (-16)	22		10 - 36
		Day 29	2020-07-29 11:44 (29)	20		10 - 36
		Day 57	2020-08-24 11:58 (27)	22		10 - 36
	Basophils (10^9/L)	Screening	2020-06-15 14:02 (-16)	0.07		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061053	Basophils (10^9/L)	Day 29	2020-07-29 11:44 (29)	0.06		0 - 0.3
		Day 57	2020-08-24 11:58 (27)	0.06		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-15 14:02 (-16)	1.1		0 - 3
		Day 29	2020-07-29 11:44 (29)	1.1		0 - 3
		Day 57	2020-08-24 11:58 (27)	1.1		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-15 14:02 (-16)	5.6		- 18.8
		Day 29	2020-07-29 11:44 (29)	8.9		- 18.8
		Day 57	2020-08-24 11:58 (27)	5.0		- 18.8
	Creatinine (umol/L)	Screening	2020-06-15 14:02 (-16)	71		62 - 124
		Day 29	2020-07-29 11:44 (29)	62		62 - 124
		Day 57	2020-08-24 11:58 (27)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-15 14:02 (-16)	<3.4		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061053	Direct Bilirubin (umol/L)	Day 29	2020-07-29 11:44 (29)	<3.4		0 - 6.8
		Day 57	2020-08-24 11:58 (27)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-15 14:02 (-16)	0.15		0 - 0.8
		Day 29	2020-07-29 11:44 (29)	0.13		0 - 0.8
		Day 57	2020-08-24 11:58 (27)	0.12		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-15 14:02 (-16)	2.4		0 - 7
		Day 29	2020-07-29 11:44 (29)	2.4		0 - 7
		Day 57	2020-08-24 11:58 (27)	2.2		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-15 14:02 (-16)	4.43		3.7 - 5.2
		Day 29	2020-07-29 11:44 (29)	4.44		3.7 - 5.2
		Day 57	2020-08-24 11:58 (27)	4.42		3.7 - 5.2
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-15 14:02 (-16)	69.0 (H)		1.7 - 21.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061053	Hematocrit (L/L)	Screening	2020-06-15 14:02 (-16)	0.448		0.33 - 0.47
		Day 29	2020-07-29 11:44 (29)	0.440		0.33 - 0.47
		Day 57	2020-08-24 11:58 (27)	0.428		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-15 14:02 (-16)	135		110 - 155
		Day 29	2020-07-29 11:44 (29)	133	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-24 11:58 (27)	132	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-15 14:02 (-16)	<0.03		0 - 0.07
		Day 29	2020-07-29 11:44 (29)	<0.03		0 - 0.07
		Day 57	2020-08-24 11:58 (27)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-15 14:02 (-16)	0.2		0 - 1
		Day 29	2020-07-29 11:44 (29)	0.4		0 - 1
		Day 57	2020-08-24 11:58 (27)	0.4		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061053	Leukocytes (10^9/L)	Screening	2020-06-15 14:02 (-16)	6.20		3.7 - 11
		Day 29	2020-07-29 11:44 (29)	5.46		3.7 - 11
		Day 57	2020-08-24 11:58 (27)	5.47		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-15 14:02 (-16)	1.54		0.9 - 3.6
		Day 29	2020-07-29 11:44 (29)	1.63		0.9 - 3.6
		Day 57	2020-08-24 11:58 (27)	1.44		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-15 14:02 (-16)	24.8		12 - 46
		Day 29	2020-07-29 11:44 (29)	29.9		12 - 46
		Day 57	2020-08-24 11:58 (27)	26.3		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-15 14:02 (-16)	0.70		0 - 1.2
		Day 29	2020-07-29 11:44 (29)	0.71		0 - 1.2
		Day 57	2020-08-24 11:58 (27)	0.63		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061053	Monocytes/Leukocytes (%)	Screening	2020-06-15 14:02 (-16)	11.3 (H)		0 - 11
		Day 29	2020-07-29 11:44 (29)	13.0 (H)		0 - 11
		Day 57	2020-08-24 11:58 (27)	11.5 (H)		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-15 14:02 (-16)	3.73		1.7 - 7.9
		Day 29	2020-07-29 11:44 (29)	2.91		1.7 - 7.9
		Day 57	2020-08-24 11:58 (27)	3.20		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-15 14:02 (-16)	60.2		34 - 71
		Day 29	2020-07-29 11:44 (29)	53.2		34 - 71
		Day 57	2020-08-24 11:58 (27)	58.5		34 - 71
	Platelets (10^9/L)	Screening	2020-06-15 14:02 (-16)	348		163 - 375
		Day 29	2020-07-29 11:44 (29)	321		163 - 375
		Day 57	2020-08-24 11:58 (27)	337		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061053	Prothrombin Intl. Normalized Ratio	Screening	2020-06-15 14:02 (-16)	0.9		0.9 - 1.1
		Day 29	2020-07-29 11:44 (29)	0.9		0.9 - 1.1
		Day 57	2020-08-24 11:58 (27)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-15 14:02 (-16)	10.9		9.4 - 12.5
		Day 29	2020-07-29 11:44 (29)	11.0		9.4 - 12.5
		Day 57	2020-08-24 11:58 (27)	11.2		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-15 14:02 (-16)	5.00		1.78 - 7.14
		Day 29	2020-07-29 11:44 (29)	2.86		1.78 - 7.14
		Day 57	2020-08-24 11:58 (27)	4.28		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-15 14:02 (-16)	17.5		7.8 - 26.7
		Day 29	2020-07-29 11:44 (29)	11.4		7.8 - 26.7
		Day 57	2020-08-24 11:58 (27)	17.1		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061057	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-18 14:10 (-13)	72.9 (H)	G4 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
		Unscheduled	2020-06-23 11:54 (-8)	35.7		25.1 - 36.5
		Day 29	2020-07-29 11:44 (29)	31.6		25.1 - 36.5
		Day 57	2020-08-24 09:49 (27)	40.9 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-18 14:10 (-13)	19		10 - 33
		Day 29	2020-07-29 11:44 (29)	18		10 - 33
		Day 57	2020-08-24 09:49 (27)	22		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-18 14:10 (-13)	101		30 - 115
		Day 29	2020-07-29 11:44 (29)	75		30 - 115
		Day 57	2020-08-24 09:49 (27)	75		30 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061057	Aspartate Aminotransferase (U/L)	Screening	2020-06-18 14:10 (-13)	25		10 - 36
		Day 29	2020-07-29 11:44 (29)	26		10 - 36
		Day 57	2020-08-24 09:49 (27)	22		10 - 36
	Basophils (10^9/L)	Screening	2020-06-18 14:10 (-13)	0.04		0 - 0.3
		Day 29	2020-07-29 11:44 (29)	0.05		0 - 0.3
		Day 57	2020-08-24 09:49 (27)	0.06		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-18 14:10 (-13)	0.6		0 - 3
		Day 29	2020-07-29 11:44 (29)	0.8		0 - 3
		Day 57	2020-08-24 09:49 (27)	0.9		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-18 14:10 (-13)	3.9		- 18.8
		Day 29	2020-07-29 11:44 (29)	3.9		- 18.8
		Day 57	2020-08-24 09:49 (27)	4.8		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061057	Creatinine (umol/L)	Screening	2020-06-18 14:10 (-13)	44 (L)		62 - 124
		Day 29	2020-07-29 11:44 (29)	44 (L)		62 - 124
		Day 57	2020-08-24 09:49 (27)	44 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-18 14:10 (-13)	<3.4		0 - 6.8
		Day 29	2020-07-29 11:44 (29)	<3.4		0 - 6.8
		Day 57	2020-08-24 09:49 (27)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-18 14:10 (-13)	0.29		0 - 0.8
		Day 29	2020-07-29 11:44 (29)	0.15		0 - 0.8
		Day 57	2020-08-24 09:49 (27)	0.24		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-18 14:10 (-13)	4.2		0 - 7
		Day 29	2020-07-29 11:44 (29)	2.3		0 - 7
		Day 57	2020-08-24 09:49 (27)	3.8		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061057	Erythrocytes (10^12/L)	Screening	2020-06-18 14:10 (-13)	4.66		3.7 - 5.2
		Day 29	2020-07-29 11:44 (29)	4.54		3.7 - 5.2
		Day 57	2020-08-24 09:49 (27)	4.39		3.7 - 5.2
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-18 14:10 (-13)	57.8 (H)		1.7 - 21.5
	Hematocrit (L/L)	Screening	2020-06-18 14:10 (-13)	0.449		0.33 - 0.47
		Day 29	2020-07-29 11:44 (29)	0.428		0.33 - 0.47
		Day 57	2020-08-24 09:49 (27)	0.411		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-18 14:10 (-13)	139		110 - 155
		Day 29	2020-07-29 11:44 (29)	134	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-24 09:49 (27)	131	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-18 14:10 (-13)	<0.03		0 - 0.07
		Day 29	2020-07-29 11:44 (29)	0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061057	Immature Granulocytes (10^9/L)	Day 57	2020-08-24 09:49 (27)	0.04		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-18 14:10 (-13)	0.3		0 - 1
		Day 29	2020-07-29 11:44 (29)	0.5		0 - 1
		Day 57	2020-08-24 09:49 (27)	0.6		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-18 14:10 (-13)	6.88		3.7 - 11
		Day 29	2020-07-29 11:44 (29)	6.63		3.7 - 11
		Day 57	2020-08-24 09:49 (27)	6.37		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-18 14:10 (-13)	1.28		0.9 - 3.6
		Day 29	2020-07-29 11:44 (29)	0.97	G1 Lymphocytes Decreased	0.9 - 3.6
		Day 57	2020-08-24 09:49 (27)	1.14		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-18 14:10 (-13)	18.6		12 - 46
		Day 29	2020-07-29 11:44 (29)	14.6		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061057	Lymphocytes/Leukocytes (%)	Day 57	2020-08-24 09:49 (27)	17.9		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-18 14:10 (-13)	0.60		0 - 1.2
		Day 29	2020-07-29 11:44 (29)	0.52		0 - 1.2
		Day 57	2020-08-24 09:49 (27)	0.68		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-18 14:10 (-13)	8.7		0 - 11
		Day 29	2020-07-29 11:44 (29)	7.8		0 - 11
		Day 57	2020-08-24 09:49 (27)	10.7		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-18 14:10 (-13)	4.65		1.7 - 7.9
		Day 29	2020-07-29 11:44 (29)	4.91		1.7 - 7.9
		Day 57	2020-08-24 09:49 (27)	4.21		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-18 14:10 (-13)	67.6		34 - 71
		Day 29	2020-07-29 11:44 (29)	74.0 (H)		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061057	Neutrophils/Leukocytes (%)	Day 57	2020-08-24 09:49 (27)	66.1		34 - 71
	Platelets (10^9/L)	Screening	2020-06-18 14:10 (-13)	318		163 - 375
		Day 29	2020-07-29 11:44 (29)	302		163 - 375
		Day 57	2020-08-24 09:49 (27)	301		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-18 14:10 (-13)	1.1		0.9 - 1.1
		Unscheduled	2020-06-23 11:54 (-8)	1.0		0.9 - 1.1
		Day 29	2020-07-29 11:44 (29)	1.0		0.9 - 1.1
		Day 57	2020-08-24 09:49 (27)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-18 14:10 (-13)	12.6 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
		Unscheduled	2020-06-23 11:54 (-8)	11.5		9.4 - 12.5
		Day 29	2020-07-29 11:44 (29)	11.6		9.4 - 12.5
		Day 57	2020-08-24 09:49 (27)	12.3		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061057	Urea Nitrogen (mmol/L)	Screening	2020-06-18 14:10 (-13)	5.35		1.78 - 7.14
		Day 29	2020-07-29 11:44 (29)	5.71		1.78 - 7.14
		Day 57	2020-08-24 09:49 (27)	6.07		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-18 14:10 (-13)	30.0 (H)		7.8 - 26.7
		Day 29	2020-07-29 11:44 (29)	32.0 (H)		7.8 - 26.7
		Day 57	2020-08-24 09:49 (27)	34.0 (H)		7.8 - 26.7
US2061064	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-22 14:23 (-8)	34.5		25.1 - 36.5
		Day 29	2020-07-28 14:05 (29)	32.4		25.1 - 36.5
		Day 57	2020-08-24 13:18 (28)	29.1		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-22 14:23 (-8)	18		10 - 33
		Day 29	2020-07-28 14:05 (29)	14		10 - 33
		Day 57	2020-08-24 13:18 (28)	18		10 - 33

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061064	Alkaline Phosphatase (U/L)	Screening	2020-06-22 14:23 (-8)	77		30 - 115
		Day 29	2020-07-28 14:05 (29)	66		30 - 115
		Day 57	2020-08-24 13:18 (28)	68		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-22 14:23 (-8)	18		10 - 36
		Day 29	2020-07-28 14:05 (29)	16		10 - 36
		Day 57	2020-08-24 13:18 (28)	14		10 - 36
	Basophils (10^9/L)	Screening	2020-06-22 14:23 (-8)	0.05		0 - 0.3
		Day 29	2020-07-28 14:05 (29)	0.05		0 - 0.3
		Day 57	2020-08-24 13:18 (28)	0.05		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-22 14:23 (-8)	0.7		0 - 3
		Day 29	2020-07-28 14:05 (29)	0.6		0 - 3
		Day 57	2020-08-24 13:18 (28)	0.7		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061064	Bilirubin (umol/L)	Screening	2020-06-22 14:23 (-8)	4.1		- 18.8
		Day 29	2020-07-28 14:05 (29)	3.4		- 18.8
		Day 57	2020-08-24 13:18 (28)	4.3		- 18.8
	Creatinine (umol/L)	Screening	2020-06-22 14:23 (-8)	53 (L)		62 - 124
		Day 29	2020-07-28 14:05 (29)	53 (L)		62 - 124
		Day 57	2020-08-24 13:18 (28)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-22 14:23 (-8)	<3.4		0 - 6.8
		Day 29	2020-07-28 14:05 (29)	<3.4		0 - 6.8
		Day 57	2020-08-24 13:18 (28)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-22 14:23 (-8)	0.18		0 - 0.8
		Day 29	2020-07-28 14:05 (29)	0.18		0 - 0.8
		Day 57	2020-08-24 13:18 (28)	0.17		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061064	Eosinophils/Leukocytes (%)	Screening	2020-06-22 14:23 (-8)	2.5		0 - 7
		Day 29	2020-07-28 14:05 (29)	2.3		0 - 7
		Day 57	2020-08-24 13:18 (28)	2.5		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-22 14:23 (-8)	4.79		3.7 - 5.2
		Day 29	2020-07-28 14:05 (29)	4.95		3.7 - 5.2
		Day 57	2020-08-24 13:18 (28)	4.73		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-22 14:23 (-8)	0.448		0.33 - 0.47
		Day 29	2020-07-28 14:05 (29)	0.478 (H)		0.33 - 0.47
		Day 57	2020-08-24 13:18 (28)	0.443		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-22 14:23 (-8)	141		110 - 155
		Day 29	2020-07-28 14:05 (29)	145		110 - 155
		Day 57	2020-08-24 13:18 (28)	141		110 - 155

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061064	Immature Granulocytes (10^9/L)	Screening	2020-06-22 14:23 (-8)	0.03		0 - 0.07
		Day 29	2020-07-28 14:05 (29)	<0.03		0 - 0.07
		Day 57	2020-08-24 13:18 (28)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-22 14:23 (-8)	0.4		0 - 1
		Day 29	2020-07-28 14:05 (29)	0.3		0 - 1
		Day 57	2020-08-24 13:18 (28)	0.1		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-22 14:23 (-8)	7.33		3.7 - 11
		Day 29	2020-07-28 14:05 (29)	7.98		3.7 - 11
		Day 57	2020-08-24 13:18 (28)	6.70		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-22 14:23 (-8)	2.26		0.9 - 3.6
		Day 29	2020-07-28 14:05 (29)	2.16		0.9 - 3.6
		Day 57	2020-08-24 13:18 (28)	2.07		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061064	Lymphocytes/Leukocytes (%)	Screening	2020-06-22 14:23 (-8)	30.8		12 - 46
		Day 29	2020-07-28 14:05 (29)	27.1		12 - 46
		Day 57	2020-08-24 13:18 (28)	30.9		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-22 14:23 (-8)	0.35		0 - 1.2
		Day 29	2020-07-28 14:05 (29)	0.45		0 - 1.2
		Day 57	2020-08-24 13:18 (28)	0.33		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-22 14:23 (-8)	4.8		0 - 11
		Day 29	2020-07-28 14:05 (29)	5.6		0 - 11
		Day 57	2020-08-24 13:18 (28)	4.9		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-22 14:23 (-8)	4.46		1.7 - 7.9
		Day 29	2020-07-28 14:05 (29)	5.12		1.7 - 7.9
		Day 57	2020-08-24 13:18 (28)	4.07		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061064	Neutrophils/Leukocytes (%)	Screening	2020-06-22 14:23 (-8)	60.8		34 - 71
		Day 29	2020-07-28 14:05 (29)	64.1		34 - 71
		Day 57	2020-08-24 13:18 (28)	60.9		34 - 71
	Platelets (10^9/L)	Screening	2020-06-22 14:23 (-8)	274		163 - 375
		Day 29	2020-07-28 14:05 (29)	268		163 - 375
		Day 57	2020-08-24 13:18 (28)	267		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-22 14:23 (-8)	0.9		0.9 - 1.1
		Day 29	2020-07-28 14:05 (29)	0.9		0.9 - 1.1
		Day 57	2020-08-24 13:18 (28)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-22 14:23 (-8)	10.7		9.4 - 12.5
		Day 29	2020-07-28 14:05 (29)	11.0		9.4 - 12.5
		Day 57	2020-08-24 13:18 (28)	11.2		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061064	Urea Nitrogen (mmol/L)	Screening	2020-06-22 14:23 (-8)	4.64		1.78 - 7.14
		Day 29	2020-07-28 14:05 (29)	5.35		1.78 - 7.14
		Day 57	2020-08-24 13:18 (28)	8.57 (H)	G1 Blood Urea Nitrogen Increased	1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-22 14:23 (-8)	21.7		7.8 - 26.7
		Day 29	2020-07-28 14:05 (29)	25.0		7.8 - 26.7
		Day 57	2020-08-24 13:18 (28)	40.0 (H)		7.8 - 26.7
US2061068	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-24 10:43 (-6)	30.0		25.1 - 36.5
		Day 29	2020-07-31 08:35 (32)	27.0		25.1 - 36.5
		Day 57	2020-09-02 08:13 (34)	29.0		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-24 10:43 (-6)	20		10 - 33
		Day 29	2020-07-31 08:35 (32)	40 (H)	G1 Alanine Aminotransferase Increased	10 - 33

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061068	Alanine Aminotransferase (U/L)	Day 57	2020-09-02 08:13 (34)	25		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-24 10:43 (-6)	89		30 - 115
		Day 29	2020-07-31 08:35 (32)	108		30 - 115
		Day 57	2020-09-02 08:13 (34)	82		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-24 10:43 (-6)	29		10 - 36
		Day 29	2020-07-31 08:35 (32)	32		10 - 36
		Day 57	2020-09-02 08:13 (34)	30		10 - 36
	Basophils (10^9/L)	Screening	2020-06-24 10:43 (-6)	0.04		0 - 0.3
		Unscheduled	2020-06-26 14:08 (-4)	0.04		0 - 0.3
		Day 29	2020-07-31 08:35 (32)	0.04		0 - 0.3
		Day 57	2020-09-02 08:13 (34)	0.07		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-24 10:43 (-6)	1.2		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061068	Basophils/Leukocytes (%)	Unscheduled	2020-06-26 14:08 (-4)	0.7		0 - 3
		Day 29	2020-07-31 08:35 (32)	1.2		0 - 3
		Day 57	2020-09-02 08:13 (34)	1.8		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-24 10:43 (-6)	7.4		- 18.8
		Day 29	2020-07-31 08:35 (32)	6.5		- 18.8
		Day 57	2020-09-02 08:13 (34)	9.1		- 18.8
	Creatinine (umol/L)	Screening	2020-06-24 10:43 (-6)	62		62 - 124
		Day 29	2020-07-31 08:35 (32)	62		62 - 124
		Day 57	2020-09-02 08:13 (34)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-24 10:43 (-6)	<3.4		0 - 6.8
		Day 29	2020-07-31 08:35 (32)	<3.4		0 - 6.8
		Day 57	2020-09-02 08:13 (34)	<3.4		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061068	Eosinophils (10^9/L)	Screening	2020-06-24 10:43 (-6)	0.06		0 - 0.8
		Unscheduled	2020-06-26 14:08 (-4)	0.03		0 - 0.8
		Day 29	2020-07-31 08:35 (32)	0.09		0 - 0.8
		Day 57	2020-09-02 08:13 (34)	0.12		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-24 10:43 (-6)	1.7		0 - 7
		Unscheduled	2020-06-26 14:08 (-4)	0.5		0 - 7
		Day 29	2020-07-31 08:35 (32)	2.6		0 - 7
		Day 57	2020-09-02 08:13 (34)	3.0		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-24 10:43 (-6)	4.78		3.7 - 5.2
		Unscheduled	2020-06-26 14:08 (-4)	4.31		3.7 - 5.2
		Day 29	2020-07-31 08:35 (32)	4.48		3.7 - 5.2
		Day 57	2020-09-02 08:13 (34)	4.65		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061068	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-24 10:43 (-6)	101.5 (H)		1.7 - 21.5
	Hematocrit (L/L)	Screening	2020-06-24 10:43 (-6)	0.482 (H)		0.33 - 0.47
		Unscheduled	2020-06-26 14:08 (-4)	0.436		0.33 - 0.47
		Day 29	2020-07-31 08:35 (32)	0.449		0.33 - 0.47
		Day 57	2020-09-02 08:13 (34)	0.459		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-24 10:43 (-6)	148		110 - 155
		Unscheduled	2020-06-26 14:08 (-4)	132		110 - 155
		Day 29	2020-07-31 08:35 (32)	135		110 - 155
		Day 57	2020-09-02 08:13 (34)	139		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-24 10:43 (-6)	<0.03		0 - 0.07
		Unscheduled	2020-06-26 14:08 (-4)	<0.03		0 - 0.07
		Day 29	2020-07-31 08:35 (32)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061068	Immature Granulocytes (10^9/L)	Day 57	2020-09-02 08:13 (34)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-24 10:43 (-6)	0.0		0 - 1
		Unscheduled	2020-06-26 14:08 (-4)	0.2		0 - 1
		Day 29	2020-07-31 08:35 (32)	0.0		0 - 1
		Day 57	2020-09-02 08:13 (34)	0.0		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-24 10:43 (-6)	3.43 (L)	G1 WBC Decreased	3.7 - 11
		Unscheduled	2020-06-26 14:08 (-4)	5.69		3.7 - 11
		Day 29	2020-07-31 08:35 (32)	3.43 (L)	G1 WBC Decreased	3.7 - 11
		Day 57	2020-09-02 08:13 (34)	3.96		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-24 10:43 (-6)	1.49		0.9 - 3.6
		Unscheduled	2020-06-26 14:08 (-4)	1.64		0.9 - 3.6
		Day 29	2020-07-31 08:35 (32)	1.45		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061068	Lymphocytes (10^9/L)	Day 57	2020-09-02 08:13 (34)	1.49		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-24 10:43 (-6)	43.4		12 - 46
		Unscheduled	2020-06-26 14:08 (-4)	28.8		12 - 46
		Day 29	2020-07-31 08:35 (32)	42.3		12 - 46
		Day 57	2020-09-02 08:13 (34)	37.6		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-24 10:43 (-6)	0.28		0 - 1.2
		Unscheduled	2020-06-26 14:08 (-4)	0.36		0 - 1.2
		Day 29	2020-07-31 08:35 (32)	0.28		0 - 1.2
		Day 57	2020-09-02 08:13 (34)	0.27		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-24 10:43 (-6)	8.2		0 - 11
		Unscheduled	2020-06-26 14:08 (-4)	6.3		0 - 11
		Day 29	2020-07-31 08:35 (32)	8.2		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061068	Monocytes/Leukocytes (%)	Day 57	2020-09-02 08:13 (34)	6.8		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-24 10:43 (-6)	1.56 (L)	G1 Neutrophils Decreased	1.7 - 7.9
		Unscheduled	2020-06-26 14:08 (-4)	3.61		1.7 - 7.9
		Day 29	2020-07-31 08:35 (32)	1.57 (L)	G1 Neutrophils Decreased	1.7 - 7.9
		Day 57	2020-09-02 08:13 (34)	2.01		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-24 10:43 (-6)	45.5		34 - 71
		Unscheduled	2020-06-26 14:08 (-4)	63.5		34 - 71
		Day 29	2020-07-31 08:35 (32)	45.7		34 - 71
		Day 57	2020-09-02 08:13 (34)	50.8		34 - 71
	Platelets (10^9/L)	Screening	2020-06-24 10:43 (-6)	237		163 - 375
		Unscheduled	2020-06-26 14:08 (-4)	202		163 - 375
		Day 29	2020-07-31 08:35 (32)	209		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061068	Platelets (10^9/L)	Day 57	2020-09-02 08:13 (34)	214		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-24 10:43 (-6)	0.9		0.9 - 1.1
		Day 29	2020-07-31 08:35 (32)	0.9		0.9 - 1.1
		Day 57	2020-09-02 08:13 (34)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-24 10:43 (-6)	10.8		9.4 - 12.5
		Day 29	2020-07-31 08:35 (32)	10.6		9.4 - 12.5
		Day 57	2020-09-02 08:13 (34)	11.6		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-24 10:43 (-6)	5.35		1.78 - 7.14
		Day 29	2020-07-31 08:35 (32)	3.93		1.78 - 7.14
		Day 57	2020-09-02 08:13 (34)	3.93		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-24 10:43 (-6)	21.4		7.8 - 26.7
		Day 29	2020-07-31 08:35 (32)	15.7		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061068	Urea Nitrogen/Creatinine	Day 57	2020-09-02 08:13 (34)	15.7		7.8 - 26.7
US2071007	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-25 13:02 (-8)	24.4 (L)		25.1 - 36.5
		Day 29	2020-07-07 10:16 (36)	31.6		25.1 - 36.5
		Day 57	2020-08-06 10:50 (31)	33.6		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-05-25 13:02 (-8)	15		10 - 33
		Day 29	2020-07-07 10:16 (36)	12		10 - 33
		Day 57	2020-08-06 10:50 (31)	12		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-25 13:02 (-8)	63		30 - 115
		Day 29	2020-07-07 10:16 (36)	60		30 - 115
		Day 57	2020-08-06 10:50 (31)	70		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-25 13:02 (-8)	19		10 - 36
		Day 29	2020-07-07 10:16 (36)	15		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071007	Aspartate Aminotransferase (U/L)	Day 57	2020-08-06 10:50 (31)	23		10 - 36
	Basophils (10^9/L)	Screening	2020-05-25 13:02 (-8)	0.05		0 - 0.3
		Day 29	2020-07-07 10:16 (36)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-25 13:02 (-8)	0.8		0 - 3
		Day 29	2020-07-07 10:16 (36)	0.5		0 - 3
	Bilirubin (umol/L)	Screening	2020-05-25 13:02 (-8)	8.7		- 18.8
		Day 29	2020-07-07 10:16 (36)	8.9		- 18.8
		Day 57	2020-08-06 10:50 (31)	6.2		- 18.8
	Creatinine (umol/L)	Screening	2020-05-25 13:02 (-8)	44 (L)		62 - 124
		Day 29	2020-07-07 10:16 (36)	62		62 - 124
		Day 57	2020-08-06 10:50 (31)	44 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-25 13:02 (-8)	<3.4		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071007	Direct Bilirubin (umol/L)	Day 29	2020-07-07 10:16 (36)	<3.4		0 - 6.8
		Day 57	2020-08-06 10:50 (31)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-05-25 13:02 (-8)	0.09		0 - 0.8
		Day 29	2020-07-07 10:16 (36)	0.07		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-25 13:02 (-8)	1.4		0 - 7
		Day 29	2020-07-07 10:16 (36)	1.3		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-25 13:02 (-8)	4.69		3.7 - 5.2
		Day 29	2020-07-07 10:16 (36)	4.49		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-25 13:02 (-8)	0.490 (H)		0.33 - 0.47
		Day 29	2020-07-07 10:16 (36)	0.460		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-25 13:02 (-8)	144		110 - 155
		Day 29	2020-07-07 10:16 (36)	138	G1 Hemoglobin Decreased	110 - 155

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071007	Immature Granulocytes (10^9/L)	Screening	2020-05-25 13:02 (-8)	0.03		0 - 0.07
		Day 29	2020-07-07 10:16 (36)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-25 13:02 (-8)	0.5		0 - 1
		Day 29	2020-07-07 10:16 (36)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-25 13:02 (-8)	6.23		3.7 - 11
		Day 29	2020-07-07 10:16 (36)	5.50		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-25 13:02 (-8)	2.08		0.9 - 3.6
		Day 29	2020-07-07 10:16 (36)	1.46		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-25 13:02 (-8)	33.4		12 - 46
		Day 29	2020-07-07 10:16 (36)	26.5		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-25 13:02 (-8)	0.39		0 - 1.2
		Day 29	2020-07-07 10:16 (36)	0.40		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071007	Monocytes/Leukocytes (%)	Screening	2020-05-25 13:02 (-8)	6.3		0 - 11
		Day 29	2020-07-07 10:16 (36)	7.3		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-25 13:02 (-8)	3.59		1.7 - 7.9
		Day 29	2020-07-07 10:16 (36)	3.53		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-25 13:02 (-8)	57.6		34 - 71
		Day 29	2020-07-07 10:16 (36)	64.2		34 - 71
	Platelets (10^9/L)	Screening	2020-05-25 13:02 (-8)	216		163 - 375
		Day 29	2020-07-07 10:16 (36)	203		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-25 13:02 (-8)	1.1		0.9 - 1.1
		Day 29	2020-07-07 10:16 (36)	1.1		0.9 - 1.1
		Day 57	2020-08-06 10:50 (31)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-25 13:02 (-8)	12.3		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071007	Prothrombin Time (sec)	Day 29	2020-07-07 10:16 (36)	12.2		9.4 - 12.5
		Day 57	2020-08-06 10:50 (31)	12.5		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-05-25 13:02 (-8)	5.35		1.78 - 7.14
		Day 29	2020-07-07 10:16 (36)	6.07		1.78 - 7.14
		Day 57	2020-08-06 10:50 (31)	5.00		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-25 13:02 (-8)	30.0 (H)		7.8 - 26.7
		Day 29	2020-07-07 10:16 (36)	24.3		7.8 - 26.7
		Day 57	2020-08-06 10:50 (31)	28.0 (H)		7.8 - 26.7
US2071024	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-26 11:03 (-8)	36.1		25.1 - 36.5
		Day 29	2020-07-06 09:34 (34)	31.5		25.1 - 36.5
		Day 57	2020-08-03 09:18 (29)	41.9 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071024	Alanine Aminotransferase (U/L)	Screening	2020-05-26 11:03 (-8)	22		10 - 33
		Day 29	2020-07-06 09:34 (34)	18		10 - 33
		Day 57	2020-08-03 09:18 (29)	21		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-26 11:03 (-8)	113		30 - 115
		Day 29	2020-07-06 09:34 (34)	111		30 - 115
		Day 57	2020-08-03 09:18 (29)	92		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-26 11:03 (-8)	20		10 - 36
		Day 29	2020-07-06 09:34 (34)	17		10 - 36
		Day 57	2020-08-03 09:18 (29)	18		10 - 36
	Basophils (10^9/L)	Screening	2020-05-26 11:03 (-8)	<0.03		0 - 0.3
		Day 29	2020-07-06 09:34 (34)	0.05		0 - 0.3
		Day 57	2020-08-03 09:18 (29)	0.05		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071024	Basophils/Leukocytes (%)	Screening	2020-05-26 11:03 (-8)	0.4		0 - 3
		Day 29	2020-07-06 09:34 (34)	0.9		0 - 3
		Day 57	2020-08-03 09:18 (29)	0.5		0 - 3
	Bilirubin (umol/L)	Screening	2020-05-26 11:03 (-8)	5.5		- 18.8
		Day 29	2020-07-06 09:34 (34)	4.3		- 18.8
		Day 57	2020-08-03 09:18 (29)	8.6		- 18.8
	Creatinine (umol/L)	Screening	2020-05-26 11:03 (-8)	53 (L)		62 - 124
		Day 29	2020-07-06 09:34 (34)	53 (L)		62 - 124
		Day 57	2020-08-03 09:18 (29)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-26 11:03 (-8)	<3.4		0 - 6.8
		Day 29	2020-07-06 09:34 (34)	<3.4		0 - 6.8
		Day 57	2020-08-03 09:18 (29)	<3.4		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071024	Eosinophils (10^9/L)	Screening	2020-05-26 11:03 (-8)	0.17		0 - 0.8
		Day 29	2020-07-06 09:34 (34)	0.48		0 - 0.8
		Day 57	2020-08-03 09:18 (29)	0.22		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-26 11:03 (-8)	3.1		0 - 7
		Day 29	2020-07-06 09:34 (34)	8.4 (H)		0 - 7
		Day 57	2020-08-03 09:18 (29)	2.4		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-26 11:03 (-8)	4.84		3.7 - 5.2
		Day 29	2020-07-06 09:34 (34)	4.26		3.7 - 5.2
		Day 57	2020-08-03 09:18 (29)	4.32		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-26 11:03 (-8)	0.458		0.33 - 0.47
		Day 29	2020-07-06 09:34 (34)	0.416		0.33 - 0.47
		Day 57	2020-08-03 09:18 (29)	0.427		0.33 - 0.47

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071024	Hemoglobin (g/L)	Screening	2020-05-26 11:03 (-8)	147		110 - 155
		Day 29	2020-07-06 09:34 (34)	131	G2 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-03 09:18 (29)	131	G2 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-26 11:03 (-8)	<0.03		0 - 0.07
		Day 29	2020-07-06 09:34 (34)	<0.03		0 - 0.07
		Day 57	2020-08-03 09:18 (29)	0.05		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-26 11:03 (-8)	0.2		0 - 1
		Day 29	2020-07-06 09:34 (34)	0.4		0 - 1
		Day 57	2020-08-03 09:18 (29)	0.5		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-26 11:03 (-8)	5.44		3.7 - 11
		Day 29	2020-07-06 09:34 (34)	5.70		3.7 - 11
		Day 57	2020-08-03 09:18 (29)	9.19		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071024	Lymphocytes (10^9/L)	Screening	2020-05-26 11:03 (-8)	1.42		0.9 - 3.6
		Day 29	2020-07-06 09:34 (34)	1.43		0.9 - 3.6
		Day 57	2020-08-03 09:18 (29)	1.33		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-26 11:03 (-8)	26.1		12 - 46
		Day 29	2020-07-06 09:34 (34)	25.1		12 - 46
		Day 57	2020-08-03 09:18 (29)	14.5		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-26 11:03 (-8)	0.50		0 - 1.2
		Day 29	2020-07-06 09:34 (34)	0.66		0 - 1.2
		Day 57	2020-08-03 09:18 (29)	0.76		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-26 11:03 (-8)	9.2		0 - 11
		Day 29	2020-07-06 09:34 (34)	11.6 (H)		0 - 11
		Day 57	2020-08-03 09:18 (29)	8.3		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071024	Neutrophils (10^9/L)	Screening	2020-05-26 11:03 (-8)	3.32		1.7 - 7.9
		Day 29	2020-07-06 09:34 (34)	3.06		1.7 - 7.9
		Day 57	2020-08-03 09:18 (29)	6.78		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-26 11:03 (-8)	61.0		34 - 71
		Day 29	2020-07-06 09:34 (34)	53.6		34 - 71
		Day 57	2020-08-03 09:18 (29)	73.8 (H)		34 - 71
	Platelets (10^9/L)	Screening	2020-05-26 11:03 (-8)	266		163 - 375
		Day 29	2020-07-06 09:34 (34)	233		163 - 375
		Day 57	2020-08-03 09:18 (29)	227		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-26 11:03 (-8)	0.9		0.9 - 1.1
		Day 29	2020-07-06 09:34 (34)	0.9		0.9 - 1.1
		Day 57	2020-08-03 09:18 (29)	1.0		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071024	Prothrombin Time (sec)	Screening	2020-05-26 11:03 (-8)	10.7		9.4 - 12.5
		Day 29	2020-07-06 09:34 (34)	10.5		9.4 - 12.5
		Day 57	2020-08-03 09:18 (29)	12.3		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-05-26 11:03 (-8)	4.28		1.78 - 7.14
		Day 29	2020-07-06 09:34 (34)	3.93		1.78 - 7.14
		Day 57	2020-08-03 09:18 (29)	4.28		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-26 11:03 (-8)	20.0		7.8 - 26.7
		Day 29	2020-07-06 09:34 (34)	18.3		7.8 - 26.7
		Day 57	2020-08-03 09:18 (29)	17.1		7.8 - 26.7
US2071083	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-15 09:22 (-11)	39.8 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071083	Activated Partial Thromboplastin Time (sec)	Day 29	2020-07-21 09:04 (26)	45.4 (H)	G2 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
		Day 57	2020-08-24 08:50 (35)	47.6 (H)	G2 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-15 09:22 (-11)	12		10 - 33
		Day 29	2020-07-21 09:04 (26)	10		10 - 33
		Day 57	2020-08-24 08:50 (35)	11		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-15 09:22 (-11)	87		30 - 115
		Day 29	2020-07-21 09:04 (26)	95		30 - 115
		Day 57	2020-08-24 08:50 (35)	87		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-15 09:22 (-11)	21		10 - 36
		Day 29	2020-07-21 09:04 (26)	22		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071083	Aspartate Aminotransferase (U/L)	Day 57	2020-08-24 08:50 (35)	20		10 - 36
	Basophils (10^9/L)	Screening	2020-06-15 09:22 (-11)	0.06		0 - 0.3
		Day 29	2020-07-21 09:04 (26)	0.07		0 - 0.3
		Day 57	2020-08-24 08:50 (35)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-15 09:22 (-11)	0.9		0 - 3
		Day 29	2020-07-21 09:04 (26)	1.0		0 - 3
		Day 57	2020-08-24 08:50 (35)	0.7		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-15 09:22 (-11)	6.5		- 18.8
		Day 29	2020-07-21 09:04 (26)	6.2		- 18.8
		Day 57	2020-08-24 08:50 (35)	7.2		- 18.8
	Creatinine (umol/L)	Screening	2020-06-15 09:22 (-11)	62		62 - 124
		Day 29	2020-07-21 09:04 (26)	53 (L)		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071083	Creatinine (umol/L)	Day 57	2020-08-24 08:50 (35)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-15 09:22 (-11)	<3.4		0 - 6.8
		Day 29	2020-07-21 09:04 (26)	<3.4		0 - 6.8
		Day 57	2020-08-24 08:50 (35)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-15 09:22 (-11)	0.22		0 - 0.8
		Day 29	2020-07-21 09:04 (26)	0.24		0 - 0.8
		Day 57	2020-08-24 08:50 (35)	0.24		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-15 09:22 (-11)	3.4		0 - 7
		Day 29	2020-07-21 09:04 (26)	3.3		0 - 7
		Day 57	2020-08-24 08:50 (35)	4.5		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-15 09:22 (-11)	4.66		3.7 - 5.2
		Day 29	2020-07-21 09:04 (26)	4.40		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071083	Erythrocytes (10^12/L)	Day 57	2020-08-24 08:50 (35)	4.25		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-15 09:22 (-11)	0.487 (H)		0.33 - 0.47
		Day 29	2020-07-21 09:04 (26)	0.468		0.33 - 0.47
		Day 57	2020-08-24 08:50 (35)	0.462		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-15 09:22 (-11)	148		110 - 155
		Day 29	2020-07-21 09:04 (26)	142	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-24 08:50 (35)	136	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-15 09:22 (-11)	<0.03		0 - 0.07
		Day 29	2020-07-21 09:04 (26)	<0.03		0 - 0.07
		Day 57	2020-08-24 08:50 (35)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-15 09:22 (-11)	0.3		0 - 1
		Day 29	2020-07-21 09:04 (26)	0.3		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071083	Immature Granulocytes/Leukocytes (%)	Day 57	2020-08-24 08:50 (35)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-15 09:22 (-11)	6.40		3.7 - 11
		Day 29	2020-07-21 09:04 (26)	7.28		3.7 - 11
		Day 57	2020-08-24 08:50 (35)	5.39		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-15 09:22 (-11)	2.20		0.9 - 3.6
		Day 29	2020-07-21 09:04 (26)	2.03		0.9 - 3.6
		Day 57	2020-08-24 08:50 (35)	2.24		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-15 09:22 (-11)	34.4		12 - 46
		Day 29	2020-07-21 09:04 (26)	27.9		12 - 46
		Day 57	2020-08-24 08:50 (35)	41.6		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-15 09:22 (-11)	0.74		0 - 1.2
		Day 29	2020-07-21 09:04 (26)	0.69		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071083	Monocytes (10^9/L)	Day 57	2020-08-24 08:50 (35)	0.49		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-15 09:22 (-11)	11.6 (H)		0 - 11
		Day 29	2020-07-21 09:04 (26)	9.5		0 - 11
		Day 57	2020-08-24 08:50 (35)	9.1		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-15 09:22 (-11)	3.16		1.7 - 7.9
		Day 29	2020-07-21 09:04 (26)	4.23		1.7 - 7.9
		Day 57	2020-08-24 08:50 (35)	2.37		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-15 09:22 (-11)	49.4		34 - 71
		Day 29	2020-07-21 09:04 (26)	58.0		34 - 71
		Day 57	2020-08-24 08:50 (35)	43.9		34 - 71
	Platelets (10^9/L)	Screening	2020-06-15 09:22 (-11)	218		163 - 375
		Day 29	2020-07-21 09:04 (26)	215		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071083	Platelets (10^9/L)	Day 57	2020-08-24 08:50 (35)	200		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-15 09:22 (-11)	1.1		0.9 - 1.1
		Day 29	2020-07-21 09:04 (26)	1.1		0.9 - 1.1
		Day 57	2020-08-24 08:50 (35)	1.1		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-15 09:22 (-11)	12.7 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
		Day 29	2020-07-21 09:04 (26)	13.1 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
		Day 57	2020-08-24 08:50 (35)	13.6 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-15 09:22 (-11)	6.78		1.78 - 7.14
		Day 29	2020-07-21 09:04 (26)	5.35		1.78 - 7.14
		Day 57	2020-08-24 08:50 (35)	6.07		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-15 09:22 (-11)	27.1 (H)		7.8 - 26.7
		Day 29	2020-07-21 09:04 (26)	25.0		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071083	Urea Nitrogen/Creatinine	Day 57	2020-08-24 08:50 (35)	28.3 (H)		7.8 - 26.7
US2071090	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-18 17:31 (-11)	42.6 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
		Day 29	2020-07-29 14:23 (31)	30.9		25.1 - 36.5
		Day 57	2020-08-25 16:10 (28)	51.2 (H)	G3 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-18 17:31 (-11)	17		10 - 33
		Day 29	2020-07-29 14:23 (31)	19		10 - 33
		Day 57	2020-08-25 16:10 (28)	16		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-18 17:31 (-11)	53		30 - 115
		Day 29	2020-07-29 14:23 (31)	52		30 - 115
		Day 57	2020-08-25 16:10 (28)	55		30 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071090	Aspartate Aminotransferase (U/L)	Screening	2020-06-18 17:31 (-11)	18		10 - 36
		Day 29	2020-07-29 14:23 (31)	21		10 - 36
		Day 57	2020-08-25 16:10 (28)	16		10 - 36
	Basophils (10^9/L)	Screening	2020-06-18 17:31 (-11)	0.04		0 - 0.3
		Day 29	2020-07-29 14:23 (31)	0.04		0 - 0.3
		Day 57	2020-08-25 16:10 (28)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-18 17:31 (-11)	0.8		0 - 3
		Day 29	2020-07-29 14:23 (31)	0.6		0 - 3
		Day 57	2020-08-25 16:10 (28)	0.7		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-18 17:31 (-11)	9.9		- 18.8
		Day 29	2020-07-29 14:23 (31)	7.9		- 18.8
		Day 57	2020-08-25 16:10 (28)	8.0		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071090	Creatinine (umol/L)	Screening	2020-06-18 17:31 (-11)	44 (L)		62 - 124
		Day 29	2020-07-29 14:23 (31)	35 (L)		62 - 124
		Day 57	2020-08-25 16:10 (28)	35 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-18 17:31 (-11)	<3.4		0 - 6.8
		Day 29	2020-07-29 14:23 (31)	<3.4		0 - 6.8
		Day 57	2020-08-25 16:10 (28)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-18 17:31 (-11)	0.14		0 - 0.8
		Day 29	2020-07-29 14:23 (31)	0.15		0 - 0.8
		Day 57	2020-08-25 16:10 (28)	0.16		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-18 17:31 (-11)	2.7		0 - 7
		Day 29	2020-07-29 14:23 (31)	2.4		0 - 7
		Day 57	2020-08-25 16:10 (28)	2.8		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071090	Erythrocytes (10^12/L)	Screening	2020-06-18 17:31 (-11)	4.96		3.7 - 5.2
		Day 29	2020-07-29 14:23 (31)	5.14		3.7 - 5.2
		Day 57	2020-08-25 16:10 (28)	4.83		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-18 17:31 (-11)	0.487 (H)		0.33 - 0.47
		Day 29	2020-07-29 14:23 (31)	0.512 (H)		0.33 - 0.47
		Day 57	2020-08-25 16:10 (28)	0.478 (H)		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-18 17:31 (-11)	148		110 - 155
		Day 29	2020-07-29 14:23 (31)	154		110 - 155
		Day 57	2020-08-25 16:10 (28)	145	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-18 17:31 (-11)	<0.03		0 - 0.07
		Day 29	2020-07-29 14:23 (31)	<0.03		0 - 0.07
		Day 57	2020-08-25 16:10 (28)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071090	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-18 17:31 (-11)	0.4		0 - 1
		Day 29	2020-07-29 14:23 (31)	0.2		0 - 1
		Day 57	2020-08-25 16:10 (28)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-18 17:31 (-11)	5.23		3.7 - 11
		Day 29	2020-07-29 14:23 (31)	6.22		3.7 - 11
		Day 57	2020-08-25 16:10 (28)	5.74		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-18 17:31 (-11)	1.48		0.9 - 3.6
		Day 29	2020-07-29 14:23 (31)	1.68		0.9 - 3.6
		Day 57	2020-08-25 16:10 (28)	1.78		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-18 17:31 (-11)	28.3		12 - 46
		Day 29	2020-07-29 14:23 (31)	27.0		12 - 46
		Day 57	2020-08-25 16:10 (28)	31.0		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071090	Monocytes (10^9/L)	Screening	2020-06-18 17:31 (-11)	0.54		0 - 1.2
		Day 29	2020-07-29 14:23 (31)	0.52		0 - 1.2
		Day 57	2020-08-25 16:10 (28)	0.46		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-18 17:31 (-11)	10.3		0 - 11
		Day 29	2020-07-29 14:23 (31)	8.4		0 - 11
		Day 57	2020-08-25 16:10 (28)	8.0		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-18 17:31 (-11)	3.01		1.7 - 7.9
		Day 29	2020-07-29 14:23 (31)	3.82		1.7 - 7.9
		Day 57	2020-08-25 16:10 (28)	3.28		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-18 17:31 (-11)	57.5		34 - 71
		Day 29	2020-07-29 14:23 (31)	61.4		34 - 71
		Day 57	2020-08-25 16:10 (28)	57.2		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071090	Platelets (10^9/L)	Screening	2020-06-18 17:31 (-11)	209		163 - 375
		Day 29	2020-07-29 14:23 (31)	229		163 - 375
		Day 57	2020-08-25 16:10 (28)	183		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-18 17:31 (-11)	1.1		0.9 - 1.1
		Day 29	2020-07-29 14:23 (31)	0.9		0.9 - 1.1
		Day 57	2020-08-25 16:10 (28)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-18 17:31 (-11)	12.6 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
		Day 29	2020-07-29 14:23 (31)	11.4		9.4 - 12.5
		Day 57	2020-08-25 16:10 (28)	12.6 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-18 17:31 (-11)	4.28		1.78 - 7.14
		Day 29	2020-07-29 14:23 (31)	7.14		1.78 - 7.14
		Day 57	2020-08-25 16:10 (28)	3.57		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071090	Urea Nitrogen/Creatinine	Screening	2020-06-18 17:31 (-11)	24.0		7.8 - 26.7
		Day 29	2020-07-29 14:23 (31)	50.0 (H)		7.8 - 26.7
		Day 57	2020-08-25 16:10 (28)	25.0		7.8 - 26.7
US2071099	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-24 15:16 (-13)	45.9 (H)	G2 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
		Unscheduled	2020-06-26 (-11)	32.1		25.1 - 36.5
		Day 29	2020-08-04 14:22 (29)	31.3		25.1 - 36.5
		Day 57	2020-09-03 14:20 (31)	33.5		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-24 15:16 (-13)	104 (H)	G2 Alanine Aminotransferase Increased	10 - 40
		Day 29	2020-08-04 14:22 (29)	80 (H)	G1 Alanine Aminotransferase Increased	10 - 40
		Unscheduled	2020-08-26 14:23 (23)	96 (H)	G1 Alanine Aminotransferase Increased	10 - 40

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071099	Alanine Aminotransferase (U/L)	Day 57	2020-09-03 14:20 (31)	84 (H)	G1 Alanine Aminotransferase Increased	10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-24 15:16 (-13)	90		43 - 115
		Day 29	2020-08-04 14:22 (29)	96		43 - 115
		Unscheduled	2020-08-26 14:23 (23)	76		43 - 115
		Day 57	2020-09-03 14:20 (31)	88		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-24 15:16 (-13)	86 (H)	G1 Aspartate Aminotransferase Increased	10 - 43
		Day 29	2020-08-04 14:22 (29)	69 (H)	G1 Aspartate Aminotransferase Increased	10 - 43
		Unscheduled	2020-08-26 14:23 (23)	75 (H)	G1 Aspartate Aminotransferase Increased	10 - 43
		Day 57	2020-09-03 14:20 (31)	65 (H)	G1 Aspartate Aminotransferase Increased	10 - 43
	Basophils (10^9/L)	Screening	2020-06-24 15:16 (-13)	0.07		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071099	Basophils (10^9/L)	Day 29	2020-08-04 14:22 (29)	0.07		0 - 0.3
		Day 57	2020-09-03 14:20 (31)	0.09		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-24 15:16 (-13)	0.7		0 - 3
		Day 29	2020-08-04 14:22 (29)	0.8		0 - 3
		Day 57	2020-09-03 14:20 (31)	1.0		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-24 15:16 (-13)	6.5		- 18.8
		Day 29	2020-08-04 14:22 (29)	3.6		- 18.8
		Unscheduled	2020-08-26 14:23 (23)	6.8		- 18.8
		Day 57	2020-09-03 14:20 (31)	7.4		- 18.8
	Creatinine (umol/L)	Screening	2020-06-24 15:16 (-13)	53 (L)		62 - 124
		Day 29	2020-08-04 14:22 (29)	53 (L)		62 - 124
		Unscheduled	2020-08-26 14:23 (23)	53 (L)		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071099	Creatinine (umol/L)	Day 57	2020-09-03 14:20 (31)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-24 15:16 (-13)	<3.4		0 - 6.8
		Day 29	2020-08-04 14:22 (29)	<3.4		0 - 6.8
		Unscheduled	2020-08-26 14:23 (23)	<3.4		0 - 6.8
		Day 57	2020-09-03 14:20 (31)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-24 15:16 (-13)	0.42		0 - 0.8
		Day 29	2020-08-04 14:22 (29)	0.66	G1 Eosinophils Increased	0 - 0.8
		Day 57	2020-09-03 14:20 (31)	0.73	G1 Eosinophils Increased	0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-24 15:16 (-13)	4.3		0 - 7
		Day 29	2020-08-04 14:22 (29)	7.6 (H)		0 - 7
		Day 57	2020-09-03 14:20 (31)	8.0 (H)		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-24 15:16 (-13)	4.83		4.63 - 6.08

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071099	Erythrocytes (10^12/L)	Day 29	2020-08-04 14:22 (29)	4.43 (L)		4.63 - 6.08
		Day 57	2020-09-03 14:20 (31)	4.42 (L)		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-24 15:16 (-13)	0.508		0.37 - 0.51
		Day 29	2020-08-04 14:22 (29)	0.485		0.37 - 0.51
		Day 57	2020-09-03 14:20 (31)	0.477		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-24 15:16 (-13)	160		125 - 170
		Day 29	2020-08-04 14:22 (29)	149	G1 Hemoglobin Decreased	125 - 170
		Day 57	2020-09-03 14:20 (31)	150	G1 Hemoglobin Decreased	125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-24 15:16 (-13)	0.05		0 - 0.07
		Day 29	2020-08-04 14:22 (29)	0.05		0 - 0.07
		Day 57	2020-09-03 14:20 (31)	0.05		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-24 15:16 (-13)	0.5		0 - 1

Relative day is defined as days from the most recent injection date.
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Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071099	Immature Granulocytes/Leukocytes (%)	Day 29	2020-08-04 14:22 (29)	0.6		0 - 1
		Day 57	2020-09-03 14:20 (31)	0.5		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-24 15:16 (-13)	9.74		3.7 - 11
		Day 29	2020-08-04 14:22 (29)	8.70		3.7 - 11
		Day 57	2020-09-03 14:20 (31)	9.14		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-24 15:16 (-13)	1.84		0.9 - 3.6
		Day 29	2020-08-04 14:22 (29)	2.17		0.9 - 3.6
		Day 57	2020-09-03 14:20 (31)	2.50		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-24 15:16 (-13)	18.9		12 - 46
		Day 29	2020-08-04 14:22 (29)	24.9		12 - 46
		Day 57	2020-09-03 14:20 (31)	27.4		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-24 15:16 (-13)	1.10		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071099	Monocytes (10^9/L)	Day 29	2020-08-04 14:22 (29)	1.02		0 - 1.2
		Day 57	2020-09-03 14:20 (31)	1.11		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-24 15:16 (-13)	11.3 (H)		0 - 11
		Day 29	2020-08-04 14:22 (29)	11.7 (H)		0 - 11
		Day 57	2020-09-03 14:20 (31)	12.1 (H)		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-24 15:16 (-13)	6.26		1.7 - 7.9
		Day 29	2020-08-04 14:22 (29)	4.73		1.7 - 7.9
		Day 57	2020-09-03 14:20 (31)	4.66		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-24 15:16 (-13)	64.3		34 - 71
		Day 29	2020-08-04 14:22 (29)	54.4		34 - 71
		Day 57	2020-09-03 14:20 (31)	51.0		34 - 71
	Platelets (10^9/L)	Screening	2020-06-24 15:16 (-13)	222		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071099	Platelets (10^9/L)	Day 29	2020-08-04 14:22 (29)	190		163 - 375
		Day 57	2020-09-03 14:20 (31)	190		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-24 15:16 (-13)	1.0		0.9 - 1.1
		Unscheduled	2020-06-26 (-11)	1.0		0.9 - 1.1
		Day 29	2020-08-04 14:22 (29)	1.0		0.9 - 1.1
		Day 57	2020-09-03 14:20 (31)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-24 15:16 (-13)	12.0		9.4 - 12.5
		Unscheduled	2020-06-26 (-11)	11.4		9.4 - 12.5
		Day 29	2020-08-04 14:22 (29)	11.5		9.4 - 12.5
		Day 57	2020-09-03 14:20 (31)	11.9		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-24 15:16 (-13)	4.64		1.78 - 7.14
		Day 29	2020-08-04 14:22 (29)	4.28		1.78 - 7.14
		Unscheduled	2020-08-26 14:23 (23)	5.00		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071099	Urea Nitrogen (mmol/L)	Day 57	2020-09-03 14:20 (31)	3.93		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-24 15:16 (-13)	21.7		7.8 - 26.7
		Day 29	2020-08-04 14:22 (29)	20.0		7.8 - 26.7
		Unscheduled	2020-08-26 14:23 (23)	23.3		7.8 - 26.7
		Day 57	2020-09-03 14:20 (31)	15.7		7.8 - 26.7
US2071101	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-25 14:05 (-4)	36.8 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
		Day 29	2020-08-03 13:45 (36)	29.2		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-25 14:05 (-4)	15		10 - 33
		Day 29	2020-08-03 13:45 (36)	14		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-25 14:05 (-4)	101		30 - 115
		Day 29	2020-08-03 13:45 (36)	84		30 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071101	Aspartate Aminotransferase (U/L)	Screening	2020-06-25 14:05 (-4)	27		10 - 36
		Day 29	2020-08-03 13:45 (36)	24		10 - 36
	Basophils (10^9/L)	Screening	2020-06-25 14:05 (-4)	0.06		0 - 0.3
		Day 29	2020-08-03 13:45 (36)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-25 14:05 (-4)	0.8		0 - 3
		Day 29	2020-08-03 13:45 (36)	0.4		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-25 14:05 (-4)	11.8		- 18.8
		Day 29	2020-08-03 13:45 (36)	12.3		- 18.8
	Creatinine (umol/L)	Screening	2020-06-25 14:05 (-4)	53 (L)		62 - 124
		Day 29	2020-08-03 13:45 (36)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-25 14:05 (-4)	<3.4		0 - 6.8
		Day 29	2020-08-03 13:45 (36)	<3.4		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071101	Eosinophils (10^9/L)	Screening	2020-06-25 14:05 (-4)	<0.03		0 - 0.8
		Day 29	2020-08-03 13:45 (36)	<0.03		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-25 14:05 (-4)	0.0		0 - 7
		Day 29	2020-08-03 13:45 (36)	0.0		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-25 14:05 (-4)	4.39		3.7 - 5.2
		Day 29	2020-08-03 13:45 (36)	4.29		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-25 14:05 (-4)	0.390		0.33 - 0.47
		Day 29	2020-08-03 13:45 (36)	0.389		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-25 14:05 (-4)	117	G1 Hemoglobin Decreased	110 - 155
		Day 29	2020-08-03 13:45 (36)	117	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-25 14:05 (-4)	0.04		0 - 0.07
		Day 29	2020-08-03 13:45 (36)	0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071101	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-25 14:05 (-4)	0.6		0 - 1
		Day 29	2020-08-03 13:45 (36)	0.4		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-25 14:05 (-4)	7.27		3.7 - 11
		Day 29	2020-08-03 13:45 (36)	7.66		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-25 14:05 (-4)	1.26		0.9 - 3.6
		Day 29	2020-08-03 13:45 (36)	1.49		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-25 14:05 (-4)	17.3		12 - 46
		Day 29	2020-08-03 13:45 (36)	19.5		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-25 14:05 (-4)	0.68		0 - 1.2
		Day 29	2020-08-03 13:45 (36)	0.67		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-25 14:05 (-4)	9.4		0 - 11
		Day 29	2020-08-03 13:45 (36)	8.7		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071101	Neutrophils (10^9/L)	Screening	2020-06-25 14:05 (-4)	5.23		1.7 - 7.9
		Day 29	2020-08-03 13:45 (36)	5.44		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-25 14:05 (-4)	71.9 (H)		34 - 71
		Day 29	2020-08-03 13:45 (36)	71.0		34 - 71
	Platelets (10^9/L)	Screening	2020-06-25 14:05 (-4)	346		163 - 375
	Platelets, Estimated	Day 29	2020-08-03 13:45 (36)	DECREASED		
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-25 14:05 (-4)	1.0		0.9 - 1.1
		Day 29	2020-08-03 13:45 (36)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-25 14:05 (-4)	11.1		9.4 - 12.5
		Day 29	2020-08-03 13:45 (36)	11.4		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-25 14:05 (-4)	5.35		1.78 - 7.14
		Day 29	2020-08-03 13:45 (36)	6.07		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071101	Urea Nitrogen/Creatinine	Screening	2020-06-25 14:05 (-4)	25.0		7.8 - 26.7
		Day 29	2020-08-03 13:45 (36)	28.3 (H)		7.8 - 26.7
US2071104	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-26 15:32 (-10)	36.7 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
		Day 29	2020-08-10 10:10 (36)	30.7		25.1 - 36.5
		Day 57	2020-09-04 09:56 (26)	31.4		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-26 15:32 (-10)	9 (L)		10 - 40
		Day 29	2020-08-10 10:10 (36)	14		10 - 40
		Day 57	2020-09-04 09:56 (26)	10		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-26 15:32 (-10)	59		43 - 115
		Day 29	2020-08-10 10:10 (36)	58		43 - 115
		Day 57	2020-09-04 09:56 (26)	59		43 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071104	Aspartate Aminotransferase (U/L)	Screening	2020-06-26 15:32 (-10)	16		10 - 43
		Day 29	2020-08-10 10:10 (36)	16		10 - 43
		Day 57	2020-09-04 09:56 (26)	13		10 - 43
	Basophils (10^9/L)	Screening	2020-06-26 15:32 (-10)	0.04		0 - 0.3
		Day 57	2020-09-04 09:56 (26)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-26 15:32 (-10)	0.6		0 - 3
		Day 57	2020-09-04 09:56 (26)	0.5		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-26 15:32 (-10)	3.1		- 18.8
		Day 29	2020-08-10 10:10 (36)	3.2		- 18.8
		Day 57	2020-09-04 09:56 (26)	2.6		- 18.8
	Creatinine (umol/L)	Screening	2020-06-26 15:32 (-10)	88		62 - 124
		Day 29	2020-08-10 10:10 (36)	88		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071104	Creatinine (umol/L)	Day 57	2020-09-04 09:56 (26)	88		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-26 15:32 (-10)	<3.4		0 - 6.8
		Day 29	2020-08-10 10:10 (36)	<3.4		0 - 6.8
		Day 57	2020-09-04 09:56 (26)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-26 15:32 (-10)	0.19		0 - 0.8
		Day 57	2020-09-04 09:56 (26)	0.13		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-26 15:32 (-10)	2.7		0 - 7
		Day 57	2020-09-04 09:56 (26)	2.1		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-26 15:32 (-10)	5.03		4.63 - 6.08
		Day 57	2020-09-04 09:56 (26)	4.73		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-26 15:32 (-10)	0.485		0.37 - 0.51
		Day 57	2020-09-04 09:56 (26)	0.457		0.37 - 0.51

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071104	Hemoglobin (g/L)	Screening	2020-06-26 15:32 (-10)	143		125 - 170
		Day 57	2020-09-04 09:56 (26)	137	G1 Hemoglobin Decreased	125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-26 15:32 (-10)	<0.03		0 - 0.07
		Day 57	2020-09-04 09:56 (26)	0.04		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-26 15:32 (-10)	0.1		0 - 1
		Day 57	2020-09-04 09:56 (26)	0.7		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-26 15:32 (-10)	6.93		3.7 - 11
		Day 57	2020-09-04 09:56 (26)	6.09		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-26 15:32 (-10)	1.60		0.9 - 3.6
		Day 57	2020-09-04 09:56 (26)	1.19		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-26 15:32 (-10)	23.1		12 - 46
		Day 57	2020-09-04 09:56 (26)	19.5		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071104	Monocytes (10^9/L)	Screening	2020-06-26 15:32 (-10)	0.62		0 - 1.2
		Day 57	2020-09-04 09:56 (26)	0.42		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-26 15:32 (-10)	8.9		0 - 11
		Day 57	2020-09-04 09:56 (26)	6.9		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-26 15:32 (-10)	4.47		1.7 - 7.9
		Day 57	2020-09-04 09:56 (26)	4.28		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-26 15:32 (-10)	64.6		34 - 71
		Day 57	2020-09-04 09:56 (26)	70.3		34 - 71
	Platelets (10^9/L)	Screening	2020-06-26 15:32 (-10)	285		163 - 375
		Day 57	2020-09-04 09:56 (26)	290		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-26 15:32 (-10)	1.1		0.9 - 1.1
		Day 29	2020-08-10 10:10 (36)	1.1		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071104	Prothrombin Intl. Normalized Ratio	Day 57	2020-09-04 09:56 (26)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-26 15:32 (-10)	12.3		9.4 - 12.5
		Day 29	2020-08-10 10:10 (36)	13.3 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
		Day 57	2020-09-04 09:56 (26)	12.5		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-26 15:32 (-10)	6.43		1.78 - 7.14
		Day 29	2020-08-10 10:10 (36)	6.07		1.78 - 7.14
		Day 57	2020-09-04 09:56 (26)	5.00		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-26 15:32 (-10)	18.0		7.8 - 26.7
		Day 29	2020-08-10 10:10 (36)	17.0		7.8 - 26.7
		Day 57	2020-09-04 09:56 (26)	14.0		7.8 - 26.7
US2071106	Activated Partial Thromboplastin Time (sec)	Screening	2020-07-01 15:55 (-5)	35.7		25.1 - 36.5
		Day 57	2020-08-26 10:24 (52)	32.1		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071106	Alanine Aminotransferase (U/L)	Screening	2020-07-01 15:55 (-5)	25		10 - 40
		Day 57	2020-08-26 10:24 (52)	32		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-07-01 15:55 (-5)	63		43 - 115
		Day 57	2020-08-26 10:24 (52)	60		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-07-01 15:55 (-5)	20		10 - 43
		Day 57	2020-08-26 10:24 (52)	24		10 - 43
	Basophils (10^9/L)	Screening	2020-07-01 15:55 (-5)	<0.03		0 - 0.3
		Day 57	2020-08-26 10:24 (52)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-07-01 15:55 (-5)	0.3		0 - 3
		Day 57	2020-08-26 10:24 (52)	0.2		0 - 3
	Bilirubin (umol/L)	Screening	2020-07-01 15:55 (-5)	11.5		- 18.8
		Day 57	2020-08-26 10:24 (52)	12.3		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071106	Creatinine (umol/L)	Screening	2020-07-01 15:55 (-5)	88		62 - 124
		Day 57	2020-08-26 10:24 (52)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-07-01 15:55 (-5)	<3.4		0 - 6.8
		Day 57	2020-08-26 10:24 (52)	3.8		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-07-01 15:55 (-5)	0.17		0 - 0.8
		Day 57	2020-08-26 10:24 (52)	0.14		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-07-01 15:55 (-5)	2.8		0 - 7
		Day 57	2020-08-26 10:24 (52)	2.5		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-07-01 15:55 (-5)	4.82		4.63 - 6.08
		Day 57	2020-08-26 10:24 (52)	4.74		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-07-01 15:55 (-5)	0.484		0.37 - 0.51
		Day 57	2020-08-26 10:24 (52)	0.498		0.37 - 0.51

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071106	Hemoglobin (g/L)	Screening	2020-07-01 15:55 (-5)	159		125 - 170
		Day 57	2020-08-26 10:24 (52)	157	G1 Hemoglobin Decreased	125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-07-01 15:55 (-5)	<0.03		0 - 0.07
		Day 57	2020-08-26 10:24 (52)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-07-01 15:55 (-5)	0.3		0 - 1
		Day 57	2020-08-26 10:24 (52)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-07-01 15:55 (-5)	6.00		3.7 - 11
		Day 57	2020-08-26 10:24 (52)	5.59		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-07-01 15:55 (-5)	1.51		0.9 - 3.6
		Day 57	2020-08-26 10:24 (52)	1.26		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-07-01 15:55 (-5)	25.2		12 - 46
		Day 57	2020-08-26 10:24 (52)	22.5		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071106	Monocytes (10^9/L)	Screening	2020-07-01 15:55 (-5)	0.52		0 - 1.2
		Day 57	2020-08-26 10:24 (52)	0.42		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-07-01 15:55 (-5)	8.7		0 - 11
		Day 57	2020-08-26 10:24 (52)	7.5		0 - 11
	Neutrophils (10^9/L)	Screening	2020-07-01 15:55 (-5)	3.76		1.7 - 7.9
		Day 57	2020-08-26 10:24 (52)	3.75		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-07-01 15:55 (-5)	62.7		34 - 71
		Day 57	2020-08-26 10:24 (52)	67.1		34 - 71
	Platelets (10^9/L)	Screening	2020-07-01 15:55 (-5)	141 (L)		163 - 375
		Day 57	2020-08-26 10:24 (52)	158 (L)		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-07-01 15:55 (-5)	1.1		0.9 - 1.1
		Day 57	2020-08-26 10:24 (52)	1.0		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071106	Prothrombin Time (sec)	Screening	2020-07-01 15:55 (-5)	12.6 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
		Day 57	2020-08-26 10:24 (52)	11.8		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-07-01 15:55 (-5)	6.07		1.78 - 7.14
		Day 57	2020-08-26 10:24 (52)	6.07		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-07-01 15:55 (-5)	17.0		7.8 - 26.7
		Day 57	2020-08-26 10:24 (52)	24.3		7.8 - 26.7
US2081003	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-26 11:35 (-3)	29.2		25.1 - 36.5
		Day 29	2020-06-29 09:10 (32)	34.1		25.1 - 36.5
		Day 57	2020-07-27 10:05 (29)	33.1		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-05-26 11:35 (-3)	31		10 - 33
		Day 29	2020-06-29 09:10 (32)	17		10 - 33
		Day 57	2020-07-27 10:05 (29)	17		10 - 33

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081003	Alkaline Phosphatase (U/L)	Screening	2020-05-26 11:35 (-3)	60		30 - 115
		Day 29	2020-06-29 09:10 (32)	58		30 - 115
		Day 57	2020-07-27 10:05 (29)	51		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-26 11:35 (-3)	28		10 - 36
		Day 29	2020-06-29 09:10 (32)	19		10 - 36
		Day 57	2020-07-27 10:05 (29)	23		10 - 36
	Basophils (10^9/L)	Screening	2020-05-26 11:35 (-3)	0.04		0 - 0.3
		Day 29	2020-06-29 09:10 (32)	0.06		0 - 0.3
		Day 57	2020-07-27 10:05 (29)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-26 11:35 (-3)	0.7		0 - 3
		Day 29	2020-06-29 09:10 (32)	0.9		0 - 3
		Day 57	2020-07-27 10:05 (29)	0.7		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081003	Bilirubin (umol/L)	Screening	2020-05-26 11:35 (-3)	11.1		- 18.8
		Day 29	2020-06-29 09:10 (32)	3.8		- 18.8
		Day 57	2020-07-27 10:05 (29)	3.9		- 18.8
	Creatinine (umol/L)	Screening	2020-05-26 11:35 (-3)	71		62 - 124
		Day 29	2020-06-29 09:10 (32)	97		62 - 124
		Day 57	2020-07-27 10:05 (29)	88		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-26 11:35 (-3)	<3.4		0 - 6.8
		Day 29	2020-06-29 09:10 (32)	<3.4		0 - 6.8
		Day 57	2020-07-27 10:05 (29)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-05-26 11:35 (-3)	0.09		0 - 0.8
		Day 29	2020-06-29 09:10 (32)	0.09		0 - 0.8
		Day 57	2020-07-27 10:05 (29)	0.10		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081003	Eosinophils/Leukocytes (%)	Screening	2020-05-26 11:35 (-3)	1.6		0 - 7
		Day 29	2020-06-29 09:10 (32)	1.3		0 - 7
		Day 57	2020-07-27 10:05 (29)	1.9		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-26 11:35 (-3)	4.59		3.7 - 5.2
		Day 29	2020-06-29 09:10 (32)	4.43		3.7 - 5.2
		Day 57	2020-07-27 10:05 (29)	4.00		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-26 11:35 (-3)	0.474 (H)		0.33 - 0.47
		Day 29	2020-06-29 09:10 (32)	0.484 (H)		0.33 - 0.47
		Day 57	2020-07-27 10:05 (29)	0.421		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-26 11:35 (-3)	155		110 - 155
		Day 29	2020-06-29 09:10 (32)	148	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-07-27 10:05 (29)	132	G3 Hemoglobin Decreased	110 - 155

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081003	Immature Granulocytes (10^9/L)	Screening	2020-05-26 11:35 (-3)	<0.03		0 - 0.07
		Day 29	2020-06-29 09:10 (32)	<0.03		0 - 0.07
		Day 57	2020-07-27 10:05 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-26 11:35 (-3)	0.0		0 - 1
		Day 29	2020-06-29 09:10 (32)	0.1		0 - 1
		Day 57	2020-07-27 10:05 (29)	0.0		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-26 11:35 (-3)	5.68		3.7 - 11
		Day 29	2020-06-29 09:10 (32)	6.77		3.7 - 11
		Day 57	2020-07-27 10:05 (29)	5.35		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-26 11:35 (-3)	2.40		0.9 - 3.6
		Day 29	2020-06-29 09:10 (32)	2.03		0.9 - 3.6
		Day 57	2020-07-27 10:05 (29)	2.01		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081003	Lymphocytes/Leukocytes (%)	Screening	2020-05-26 11:35 (-3)	42.3		12 - 46
		Day 29	2020-06-29 09:10 (32)	30.0		12 - 46
		Day 57	2020-07-27 10:05 (29)	37.6		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-26 11:35 (-3)	0.45		0 - 1.2
		Day 29	2020-06-29 09:10 (32)	0.45		0 - 1.2
		Day 57	2020-07-27 10:05 (29)	0.47		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-26 11:35 (-3)	7.9		0 - 11
		Day 29	2020-06-29 09:10 (32)	6.6		0 - 11
		Day 57	2020-07-27 10:05 (29)	8.8		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-26 11:35 (-3)	2.70		1.7 - 7.9
		Day 29	2020-06-29 09:10 (32)	4.13		1.7 - 7.9
		Day 57	2020-07-27 10:05 (29)	2.73		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081003	Neutrophils/Leukocytes (%)	Screening	2020-05-26 11:35 (-3)	47.5		34 - 71
		Day 29	2020-06-29 09:10 (32)	61.1		34 - 71
		Day 57	2020-07-27 10:05 (29)	51.0		34 - 71
	Platelets (10^9/L)	Screening	2020-05-26 11:35 (-3)	188		163 - 375
		Day 29	2020-06-29 09:10 (32)	210		163 - 375
		Day 57	2020-07-27 10:05 (29)	210		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-26 11:35 (-3)	0.9		0.9 - 1.1
		Day 29	2020-06-29 09:10 (32)	1.0		0.9 - 1.1
		Day 57	2020-07-27 10:05 (29)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-26 11:35 (-3)	11.0		9.4 - 12.5
		Day 29	2020-06-29 09:10 (32)	11.5		9.4 - 12.5
		Day 57	2020-07-27 10:05 (29)	12.2		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081003	Urea Nitrogen (mmol/L)	Screening	2020-05-26 11:35 (-3)	3.93		1.78 - 7.14
		Day 29	2020-06-29 09:10 (32)	6.43		1.78 - 7.14
		Day 57	2020-07-27 10:05 (29)	6.07		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-26 11:35 (-3)	13.8		7.8 - 26.7
		Day 29	2020-06-29 09:10 (32)	16.4		7.8 - 26.7
		Day 57	2020-07-27 10:05 (29)	17.0		7.8 - 26.7
US2081009	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-27 09:01 (-5)	28.6		25.1 - 36.5
		Day 29	2020-07-02 13:10 (32)	29.5		25.1 - 36.5
		Day 57	2020-07-28 13:35 (27)	25.9		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-05-27 09:01 (-5)	22		10 - 33
		Day 29	2020-07-02 13:10 (32)	20		10 - 33
		Day 57	2020-07-28 13:35 (27)	23		10 - 33

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081009	Alkaline Phosphatase (U/L)	Screening	2020-05-27 09:01 (-5)	51		30 - 115
		Day 29	2020-07-02 13:10 (32)	54		30 - 115
		Day 57	2020-07-28 13:35 (27)	51		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-27 09:01 (-5)	23		10 - 36
		Day 29	2020-07-02 13:10 (32)	22		10 - 36
		Day 57	2020-07-28 13:35 (27)	25		10 - 36
	Basophils (10^9/L)	Screening	2020-05-27 09:01 (-5)	0.04		0 - 0.3
		Day 29	2020-07-02 13:10 (32)	0.06		0 - 0.3
		Day 57	2020-07-28 13:35 (27)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-27 09:01 (-5)	1.0		0 - 3
		Day 29	2020-07-02 13:10 (32)	1.2		0 - 3
		Day 57	2020-07-28 13:35 (27)	0.9		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081009	Bilirubin (umol/L)	Screening	2020-05-27 09:01 (-5)	6.7		- 18.8
		Day 29	2020-07-02 13:10 (32)	4.6		- 18.8
		Day 57	2020-07-28 13:35 (27)	4.1		- 18.8
	Creatinine (umol/L)	Screening	2020-05-27 09:01 (-5)	80		62 - 124
		Day 29	2020-07-02 13:10 (32)	71		62 - 124
		Day 57	2020-07-28 13:35 (27)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-27 09:01 (-5)	<3.4		0 - 6.8
		Day 29	2020-07-02 13:10 (32)	<3.4		0 - 6.8
		Day 57	2020-07-28 13:35 (27)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-05-27 09:01 (-5)	0.22		0 - 0.8
		Day 29	2020-07-02 13:10 (32)	0.35		0 - 0.8
		Day 57	2020-07-28 13:35 (27)	0.25		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081009	Eosinophils/Leukocytes (%)	Screening	2020-05-27 09:01 (-5)	5.3		0 - 7
		Day 29	2020-07-02 13:10 (32)	7.3 (H)		0 - 7
		Day 57	2020-07-28 13:35 (27)	5.4		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-27 09:01 (-5)	4.72		3.7 - 5.2
		Day 29	2020-07-02 13:10 (32)	4.64		3.7 - 5.2
		Day 57	2020-07-28 13:35 (27)	4.66		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-27 09:01 (-5)	0.464		0.33 - 0.47
		Day 29	2020-07-02 13:10 (32)	0.460		0.33 - 0.47
		Day 57	2020-07-28 13:35 (27)	0.447		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-27 09:01 (-5)	143		110 - 155
		Day 29	2020-07-02 13:10 (32)	142	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-07-28 13:35 (27)	140	G1 Hemoglobin Decreased	110 - 155

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081009	Immature Granulocytes (10^9/L)	Screening	2020-05-27 09:01 (-5)	<0.03		0 - 0.07
		Day 29	2020-07-02 13:10 (32)	<0.03		0 - 0.07
		Day 57	2020-07-28 13:35 (27)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-27 09:01 (-5)	0.2		0 - 1
		Day 29	2020-07-02 13:10 (32)	0.2		0 - 1
		Day 57	2020-07-28 13:35 (27)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-27 09:01 (-5)	4.18		3.7 - 11
		Day 29	2020-07-02 13:10 (32)	4.82		3.7 - 11
		Day 57	2020-07-28 13:35 (27)	4.66		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-27 09:01 (-5)	1.67		0.9 - 3.6
		Day 29	2020-07-02 13:10 (32)	1.89		0.9 - 3.6
		Day 57	2020-07-28 13:35 (27)	1.74		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081009	Lymphocytes/Leukocytes (%)	Screening	2020-05-27 09:01 (-5)	40.0		12 - 46
		Day 29	2020-07-02 13:10 (32)	39.2		12 - 46
		Day 57	2020-07-28 13:35 (27)	37.3		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-27 09:01 (-5)	0.45		0 - 1.2
		Day 29	2020-07-02 13:10 (32)	0.50		0 - 1.2
		Day 57	2020-07-28 13:35 (27)	0.48		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-27 09:01 (-5)	10.8		0 - 11
		Day 29	2020-07-02 13:10 (32)	10.4		0 - 11
		Day 57	2020-07-28 13:35 (27)	10.3		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-27 09:01 (-5)	1.79	G1 Neutrophils Decreased	1.7 - 7.9
		Day 29	2020-07-02 13:10 (32)	2.01		1.7 - 7.9
		Day 57	2020-07-28 13:35 (27)	2.14		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081009	Neutrophils/Leukocytes (%)	Screening	2020-05-27 09:01 (-5)	42.7		34 - 71
		Day 29	2020-07-02 13:10 (32)	41.7		34 - 71
		Day 57	2020-07-28 13:35 (27)	45.9		34 - 71
	Platelets (10^9/L)	Screening	2020-05-27 09:01 (-5)	235		163 - 375
		Day 29	2020-07-02 13:10 (32)	232		163 - 375
		Day 57	2020-07-28 13:35 (27)	240		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-27 09:01 (-5)	0.9		0.9 - 1.1
		Day 29	2020-07-02 13:10 (32)	1.0		0.9 - 1.1
		Day 57	2020-07-28 13:35 (27)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-27 09:01 (-5)	11.0		9.4 - 12.5
		Day 29	2020-07-02 13:10 (32)	11.1		9.4 - 12.5
		Day 57	2020-07-28 13:35 (27)	11.2		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081009	Urea Nitrogen (mmol/L)	Screening	2020-05-27 09:01 (-5)	5.71		1.78 - 7.14
		Day 29	2020-07-02 13:10 (32)	6.78		1.78 - 7.14
		Day 57	2020-07-28 13:35 (27)	5.71		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-27 09:01 (-5)	17.8		7.8 - 26.7
		Day 29	2020-07-02 13:10 (32)	23.8		7.8 - 26.7
		Day 57	2020-07-28 13:35 (27)	20.0		7.8 - 26.7
US2081020	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-28 10:50 (-5)	30.3		25.1 - 36.5
		Day 29	2020-06-29 11:10 (28)	31.3		25.1 - 36.5
		Day 57	2020-07-28 13:10 (30)	28.8		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-05-28 10:50 (-5)	20		10 - 33
		Day 29	2020-06-29 11:10 (28)	17		10 - 33
		Day 57	2020-07-28 13:10 (30)	15		10 - 33

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081020	Alkaline Phosphatase (U/L)	Screening	2020-05-28 10:50 (-5)	72		30 - 115
		Day 29	2020-06-29 11:10 (28)	82		30 - 115
		Day 57	2020-07-28 13:10 (30)	76		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-28 10:50 (-5)	26		10 - 36
		Day 29	2020-06-29 11:10 (28)	22		10 - 36
		Day 57	2020-07-28 13:10 (30)	24		10 - 36
	Basophils (10^9/L)	Screening	2020-05-28 10:50 (-5)	0.05		0 - 0.3
		Day 29	2020-06-29 11:10 (28)	0.05		0 - 0.3
		Day 57	2020-07-28 13:10 (30)	0.05		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-28 10:50 (-5)	0.8		0 - 3
		Day 29	2020-06-29 11:10 (28)	0.8		0 - 3
		Day 57	2020-07-28 13:10 (30)	0.6		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081020	Bilirubin (umol/L)	Screening	2020-05-28 10:50 (-5)	7.2		- 18.8
		Day 29	2020-06-29 11:10 (28)	5.8		- 18.8
		Day 57	2020-07-28 13:10 (30)	5.0		- 18.8
	Creatinine (umol/L)	Screening	2020-05-28 10:50 (-5)	62		62 - 124
		Day 29	2020-06-29 11:10 (28)	62		62 - 124
		Day 57	2020-07-28 13:10 (30)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-28 10:50 (-5)	<3.4		0 - 6.8
		Day 29	2020-06-29 11:10 (28)	<3.4		0 - 6.8
		Day 57	2020-07-28 13:10 (30)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-05-28 10:50 (-5)	0.16		0 - 0.8
		Day 29	2020-06-29 11:10 (28)	0.17		0 - 0.8
		Day 57	2020-07-28 13:10 (30)	0.19		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081020	Eosinophils/Leukocytes (%)	Screening	2020-05-28 10:50 (-5)	2.6		0 - 7
		Day 29	2020-06-29 11:10 (28)	2.7		0 - 7
		Day 57	2020-07-28 13:10 (30)	2.4		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-28 10:50 (-5)	4.10		3.7 - 5.2
		Day 29	2020-06-29 11:10 (28)	4.19		3.7 - 5.2
		Day 57	2020-07-28 13:10 (30)	3.90		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-28 10:50 (-5)	0.417		0.33 - 0.47
		Day 29	2020-06-29 11:10 (28)	0.444		0.33 - 0.47
		Day 57	2020-07-28 13:10 (30)	0.390		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-28 10:50 (-5)	129		110 - 155
		Day 29	2020-06-29 11:10 (28)	134		110 - 155
		Day 57	2020-07-28 13:10 (30)	126	G1 Hemoglobin Decreased	110 - 155

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081020	Immature Granulocytes (10^9/L)	Screening	2020-05-28 10:50 (-5)	<0.03		0 - 0.07
		Day 29	2020-06-29 11:10 (28)	<0.03		0 - 0.07
		Day 57	2020-07-28 13:10 (30)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-28 10:50 (-5)	0.2		0 - 1
		Day 29	2020-06-29 11:10 (28)	0.3		0 - 1
		Day 57	2020-07-28 13:10 (30)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-28 10:50 (-5)	6.18		3.7 - 11
		Day 29	2020-06-29 11:10 (28)	6.26		3.7 - 11
		Day 57	2020-07-28 13:10 (30)	8.01		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-28 10:50 (-5)	1.91		0.9 - 3.6
		Day 29	2020-06-29 11:10 (28)	1.99		0.9 - 3.6
		Day 57	2020-07-28 13:10 (30)	2.44		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081020	Lymphocytes/Leukocytes (%)	Screening	2020-05-28 10:50 (-5)	30.9		12 - 46
		Day 29	2020-06-29 11:10 (28)	31.8		12 - 46
		Day 57	2020-07-28 13:10 (30)	30.5		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-28 10:50 (-5)	0.42		0 - 1.2
		Day 29	2020-06-29 11:10 (28)	0.36		0 - 1.2
		Day 57	2020-07-28 13:10 (30)	0.40		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-28 10:50 (-5)	6.8		0 - 11
		Day 29	2020-06-29 11:10 (28)	5.8		0 - 11
		Day 57	2020-07-28 13:10 (30)	5.0		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-28 10:50 (-5)	3.63		1.7 - 7.9
		Day 29	2020-06-29 11:10 (28)	3.67		1.7 - 7.9
		Day 57	2020-07-28 13:10 (30)	4.91		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081020	Neutrophils/Leukocytes (%)	Screening	2020-05-28 10:50 (-5)	58.7		34 - 71
		Day 29	2020-06-29 11:10 (28)	58.6		34 - 71
		Day 57	2020-07-28 13:10 (30)	61.3		34 - 71
	Platelets (10^9/L)	Screening	2020-05-28 10:50 (-5)	179		163 - 375
		Day 29	2020-06-29 11:10 (28)	201		163 - 375
		Day 57	2020-07-28 13:10 (30)	204		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-28 10:50 (-5)	0.9		0.9 - 1.1
		Day 29	2020-06-29 11:10 (28)	0.9		0.9 - 1.1
		Day 57	2020-07-28 13:10 (30)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-28 10:50 (-5)	10.5		9.4 - 12.5
		Day 29	2020-06-29 11:10 (28)	10.4		9.4 - 12.5
		Day 57	2020-07-28 13:10 (30)	10.7		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081020	Urea Nitrogen (mmol/L)	Screening	2020-05-28 10:50 (-5)	6.07		1.78 - 7.14
		Day 29	2020-06-29 11:10 (28)	7.50 (H)		1.78 - 7.14
		Day 57	2020-07-28 13:10 (30)	9.28 (H)	G1 Blood Urea Nitrogen Increased	1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-28 10:50 (-5)	24.3		7.8 - 26.7
		Day 29	2020-06-29 11:10 (28)	30.0 (H)		7.8 - 26.7
		Day 57	2020-07-28 13:10 (30)	32.5 (H)		7.8 - 26.7
US2081070	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-12 12:33 (-14)	34.0		25.1 - 36.5
		Day 29	2020-07-24 13:19 (29)	28.9		25.1 - 36.5
		Day 57	2020-08-21 14:40 (29)	31.3		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-12 12:33 (-14)	17		10 - 40
		Day 29	2020-07-24 13:19 (29)	16		10 - 40

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081070	Alanine Aminotransferase (U/L)	Day 57	2020-08-21 14:40 (29)	16		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-12 12:33 (-14)	76		43 - 115
		Day 29	2020-07-24 13:19 (29)	70		43 - 115
		Day 57	2020-08-21 14:40 (29)	77		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-12 12:33 (-14)	20		10 - 43
		Day 29	2020-07-24 13:19 (29)	20		10 - 43
		Day 57	2020-08-21 14:40 (29)	19		10 - 43
	Basophils (10^9/L)	Screening	2020-06-12 12:33 (-14)	<0.03		0 - 0.3
		Day 29	2020-07-24 13:19 (29)	0.03		0 - 0.3
		Day 57	2020-08-21 14:40 (29)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-12 12:33 (-14)	0.4		0 - 3
		Day 29	2020-07-24 13:19 (29)	0.6		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081070	Basophils/Leukocytes (%)	Day 57	2020-08-21 14:40 (29)	0.4		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-12 12:33 (-14)	9.1		- 18.8
		Day 29	2020-07-24 13:19 (29)	8.0		- 18.8
		Day 57	2020-08-21 14:40 (29)	10.3		- 18.8
	Creatinine (umol/L)	Screening	2020-06-12 12:33 (-14)	80		62 - 124
		Day 29	2020-07-24 13:19 (29)	88		62 - 124
		Day 57	2020-08-21 14:40 (29)	80		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-12 12:33 (-14)	<3.4		0 - 6.8
		Day 29	2020-07-24 13:19 (29)	<3.4		0 - 6.8
		Day 57	2020-08-21 14:40 (29)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-12 12:33 (-14)	0.08		0 - 0.8
		Day 29	2020-07-24 13:19 (29)	0.09		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081070	Eosinophils (10^9/L)	Day 57	2020-08-21 14:40 (29)	0.07		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-12 12:33 (-14)	1.5		0 - 7
		Day 29	2020-07-24 13:19 (29)	1.8		0 - 7
		Day 57	2020-08-21 14:40 (29)	1.5		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-12 12:33 (-14)	4.31 (L)		4.63 - 6.08
		Day 29	2020-07-24 13:19 (29)	4.30 (L)		4.63 - 6.08
		Day 57	2020-08-21 14:40 (29)	4.25 (L)		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-12 12:33 (-14)	0.400		0.37 - 0.51
		Day 29	2020-07-24 13:19 (29)	0.418		0.37 - 0.51
		Day 57	2020-08-21 14:40 (29)	0.388		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-12 12:33 (-14)	127	G1 Hemoglobin Decreased	125 - 170
		Day 29	2020-07-24 13:19 (29)	124 (L)	G2 Hemoglobin Decreased	125 - 170

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081070	Hemoglobin (g/L)	Day 57	2020-08-21 14:40 (29)	122 (L)	G2 Hemoglobin Decreased	125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-12 12:33 (-14)	<0.03		0 - 0.07
		Day 29	2020-07-24 13:19 (29)	0.03		0 - 0.07
		Day 57	2020-08-21 14:40 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-12 12:33 (-14)	0.4		0 - 1
		Day 29	2020-07-24 13:19 (29)	0.6		0 - 1
		Day 57	2020-08-21 14:40 (29)	0.4		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-12 12:33 (-14)	5.35		3.7 - 11
		Day 29	2020-07-24 13:19 (29)	4.89		3.7 - 11
		Day 57	2020-08-21 14:40 (29)	4.63		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-12 12:33 (-14)	1.13		0.9 - 3.6
		Day 29	2020-07-24 13:19 (29)	1.32		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081070	Lymphocytes (10^9/L)	Day 57	2020-08-21 14:40 (29)	1.08		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-12 12:33 (-14)	21.1		12 - 46
		Day 29	2020-07-24 13:19 (29)	27.0		12 - 46
		Day 57	2020-08-21 14:40 (29)	23.3		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-12 12:33 (-14)	0.55		0 - 1.2
		Day 29	2020-07-24 13:19 (29)	0.44		0 - 1.2
		Day 57	2020-08-21 14:40 (29)	0.49		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-12 12:33 (-14)	10.3		0 - 11
		Day 29	2020-07-24 13:19 (29)	9.0		0 - 11
		Day 57	2020-08-21 14:40 (29)	10.6		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-12 12:33 (-14)	3.55		1.7 - 7.9
		Day 29	2020-07-24 13:19 (29)	2.98		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081070	Neutrophils (10^9/L)	Day 57	2020-08-21 14:40 (29)	2.95		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-12 12:33 (-14)	66.3		34 - 71
		Day 29	2020-07-24 13:19 (29)	61.0		34 - 71
		Day 57	2020-08-21 14:40 (29)	63.8		34 - 71
	Platelets (10^9/L)	Day 29	2020-07-24 13:19 (29)	93 (L)	G3 Platelets Decreased	163 - 375
		Day 57	2020-08-21 14:40 (29)	82 (L)	G3 Platelets Decreased	163 - 375
	Platelets, Estimated	Day 29	2020-07-24 13:19 (29)	DECREASED		
		Day 57	2020-08-21 14:40 (29)	DECREASED		
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-12 12:33 (-14)	1.0		0.9 - 1.1
		Day 29	2020-07-24 13:19 (29)	0.9		0.9 - 1.1
		Day 57	2020-08-21 14:40 (29)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-12 12:33 (-14)	11.2		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

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Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081070	Prothrombin Time (sec)	Day 29	2020-07-24 13:19 (29)	10.8		9.4 - 12.5
		Day 57	2020-08-21 14:40 (29)	11.8		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-12 12:33 (-14)	7.50 (H)		1.78 - 7.14
		Day 29	2020-07-24 13:19 (29)	6.43		1.78 - 7.14
		Day 57	2020-08-21 14:40 (29)	7.85 (H)		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-12 12:33 (-14)	23.3		7.8 - 26.7
		Day 29	2020-07-24 13:19 (29)	18.0		7.8 - 26.7
		Day 57	2020-08-21 14:40 (29)	24.4		7.8 - 26.7
US2081071	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-12 13:32 (-18)	37.3 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
		Day 29	2020-07-29 11:18 (30)	30.5		25.1 - 36.5
		Day 57	2020-08-26 13:40 (29)	36.0		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081071	Alanine Aminotransferase (U/L)	Screening	2020-06-12 13:32 (-18)	30		10 - 40
		Day 29	2020-07-29 11:18 (30)	29		10 - 40
		Day 57	2020-08-26 13:40 (29)	31		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-12 13:32 (-18)	75		43 - 115
		Day 29	2020-07-29 11:18 (30)	70		43 - 115
		Day 57	2020-08-26 13:40 (29)	73		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-12 13:32 (-18)	22		10 - 43
		Day 29	2020-07-29 11:18 (30)	20		10 - 43
		Day 57	2020-08-26 13:40 (29)	23		10 - 43
	Basophils (10^9/L)	Screening	2020-06-12 13:32 (-18)	0.03		0 - 0.3
		Day 29	2020-07-29 11:18 (30)	0.03		0 - 0.3
		Day 57	2020-08-26 13:40 (29)	0.03		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081071	Basophils/Leukocytes (%)	Screening	2020-06-12 13:32 (-18)	0.4		0 - 3
		Day 29	2020-07-29 11:18 (30)	0.5		0 - 3
		Day 57	2020-08-26 13:40 (29)	0.4		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-12 13:32 (-18)	6.8		- 18.8
		Day 29	2020-07-29 11:18 (30)	7.4		- 18.8
		Day 57	2020-08-26 13:40 (29)	8.9		- 18.8
	Creatinine (umol/L)	Screening	2020-06-12 13:32 (-18)	80		62 - 124
		Day 29	2020-07-29 11:18 (30)	80		62 - 124
		Day 57	2020-08-26 13:40 (29)	106		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-12 13:32 (-18)	<3.4		0 - 6.8
		Day 29	2020-07-29 11:18 (30)	<3.4		0 - 6.8
		Day 57	2020-08-26 13:40 (29)	<3.4		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081071	Eosinophils (10^9/L)	Screening	2020-06-12 13:32 (-18)	0.21		0 - 0.8
		Day 29	2020-07-29 11:18 (30)	0.23		0 - 0.8
		Day 57	2020-08-26 13:40 (29)	0.24		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-12 13:32 (-18)	2.9		0 - 7
		Day 29	2020-07-29 11:18 (30)	3.5		0 - 7
		Day 57	2020-08-26 13:40 (29)	3.3		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-12 13:32 (-18)	5.01		4.63 - 6.08
		Day 29	2020-07-29 11:18 (30)	5.01		4.63 - 6.08
		Day 57	2020-08-26 13:40 (29)	4.95		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-12 13:32 (-18)	0.498		0.37 - 0.51
		Day 29	2020-07-29 11:18 (30)	0.494		0.37 - 0.51
		Day 57	2020-08-26 13:40 (29)	0.493		0.37 - 0.51

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081071	Hemoglobin (g/L)	Screening	2020-06-12 13:32 (-18)	169		125 - 170
		Day 29	2020-07-29 11:18 (30)	166	G1 Hemoglobin Decreased	125 - 170
		Day 57	2020-08-26 13:40 (29)	167	G1 Hemoglobin Decreased	125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-12 13:32 (-18)	<0.03		0 - 0.07
		Day 29	2020-07-29 11:18 (30)	<0.03		0 - 0.07
		Day 57	2020-08-26 13:40 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-12 13:32 (-18)	0.3		0 - 1
		Day 29	2020-07-29 11:18 (30)	0.2		0 - 1
		Day 57	2020-08-26 13:40 (29)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-12 13:32 (-18)	7.29		3.7 - 11
		Day 29	2020-07-29 11:18 (30)	6.53		3.7 - 11
		Day 57	2020-08-26 13:40 (29)	7.29		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081071	Lymphocytes (10^9/L)	Screening	2020-06-12 13:32 (-18)	2.81		0.9 - 3.6
		Day 29	2020-07-29 11:18 (30)	2.36		0.9 - 3.6
		Day 57	2020-08-26 13:40 (29)	2.64		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-12 13:32 (-18)	38.5		12 - 46
		Day 29	2020-07-29 11:18 (30)	36.1		12 - 46
		Day 57	2020-08-26 13:40 (29)	36.2		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-12 13:32 (-18)	0.53		0 - 1.2
		Day 29	2020-07-29 11:18 (30)	0.50		0 - 1.2
		Day 57	2020-08-26 13:40 (29)	0.54		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-12 13:32 (-18)	7.3		0 - 11
		Day 29	2020-07-29 11:18 (30)	7.7		0 - 11
		Day 57	2020-08-26 13:40 (29)	7.4		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081071	Neutrophils (10^9/L)	Screening	2020-06-12 13:32 (-18)	3.69		1.7 - 7.9
		Day 29	2020-07-29 11:18 (30)	3.40		1.7 - 7.9
		Day 57	2020-08-26 13:40 (29)	3.82		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-12 13:32 (-18)	50.6		34 - 71
		Day 29	2020-07-29 11:18 (30)	52.0		34 - 71
		Day 57	2020-08-26 13:40 (29)	52.4		34 - 71
	Platelets (10^9/L)	Screening	2020-06-12 13:32 (-18)	221		163 - 375
		Day 29	2020-07-29 11:18 (30)	231		163 - 375
		Day 57	2020-08-26 13:40 (29)	256		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-12 13:32 (-18)	1.0		0.9 - 1.1
		Day 29	2020-07-29 11:18 (30)	1.0		0.9 - 1.1
		Day 57	2020-08-26 13:40 (29)	1.1		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081071	Prothrombin Time (sec)	Screening	2020-06-12 13:32 (-18)	11.2		9.4 - 12.5
		Day 29	2020-07-29 11:18 (30)	11.7		9.4 - 12.5
		Day 57	2020-08-26 13:40 (29)	13.7 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-12 13:32 (-18)	7.14		1.78 - 7.14
		Day 29	2020-07-29 11:18 (30)	6.07		1.78 - 7.14
		Day 57	2020-08-26 13:40 (29)	7.14		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-12 13:32 (-18)	22.2		7.8 - 26.7
		Day 29	2020-07-29 11:18 (30)	18.9		7.8 - 26.7
		Day 57	2020-08-26 13:40 (29)	16.7		7.8 - 26.7
US2081085	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-18 11:13 (-15)	31.8		25.1 - 36.5
		Day 29	2020-08-11 08:03 (40)	31.4		25.1 - 36.5
		Day 57	2020-09-08 09:50 (29)	28.0		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081085	Alanine Aminotransferase (U/L)	Screening	2020-06-18 11:13 (-15)	39 (H)	G1 Alanine Aminotransferase Increased	10 - 33
		Day 29	2020-08-11 08:03 (40)	15		10 - 33
		Day 57	2020-09-08 09:50 (29)	27		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-18 11:13 (-15)	92		30 - 115
		Day 29	2020-08-11 08:03 (40)	94		30 - 115
		Day 57	2020-09-08 09:50 (29)	95		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-18 11:13 (-15)	33		10 - 36
		Day 29	2020-08-11 08:03 (40)	16		10 - 36
		Day 57	2020-09-08 09:50 (29)	26		10 - 36
	Basophils (10^9/L)	Screening	2020-06-18 11:13 (-15)	0.06		0 - 0.3
		Day 29	2020-08-11 08:03 (40)	0.06		0 - 0.3
		Day 57	2020-09-08 09:50 (29)	0.04		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081085	Basophils/Leukocytes (%)	Screening	2020-06-18 11:13 (-15)	0.9		0 - 3
		Day 29	2020-08-11 08:03 (40)	1.0		0 - 3
		Day 57	2020-09-08 09:50 (29)	0.7		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-18 11:13 (-15)	5.1		- 18.8
		Day 29	2020-08-11 08:03 (40)	2.6		- 18.8
		Day 57	2020-09-08 09:50 (29)	3.9		- 18.8
	Creatinine (umol/L)	Screening	2020-06-18 11:13 (-15)	71		62 - 124
		Day 29	2020-08-11 08:03 (40)	62		62 - 124
		Day 57	2020-09-08 09:50 (29)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-18 11:13 (-15)	<3.4		0 - 6.8
		Day 29	2020-08-11 08:03 (40)	<3.4		0 - 6.8
		Day 57	2020-09-08 09:50 (29)	<3.4		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081085	Eosinophils (10^9/L)	Screening	2020-06-18 11:13 (-15)	0.11		0 - 0.8
		Day 29	2020-08-11 08:03 (40)	0.19		0 - 0.8
		Day 57	2020-09-08 09:50 (29)	0.11		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-18 11:13 (-15)	1.7		0 - 7
		Day 29	2020-08-11 08:03 (40)	3.1		0 - 7
		Day 57	2020-09-08 09:50 (29)	2.0		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-18 11:13 (-15)	4.59		3.7 - 5.2
		Day 29	2020-08-11 08:03 (40)	4.43		3.7 - 5.2
		Day 57	2020-09-08 09:50 (29)	4.44		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-18 11:13 (-15)	0.439		0.33 - 0.47
		Day 29	2020-08-11 08:03 (40)	0.448		0.33 - 0.47
		Day 57	2020-09-08 09:50 (29)	0.437		0.33 - 0.47

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081085	Hemoglobin (g/L)	Screening	2020-06-18 11:13 (-15)	135		110 - 155
		Day 29	2020-08-11 08:03 (40)	132	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-09-08 09:50 (29)	131	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-18 11:13 (-15)	<0.03		0 - 0.07
		Day 29	2020-08-11 08:03 (40)	<0.03		0 - 0.07
		Day 57	2020-09-08 09:50 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-18 11:13 (-15)	0.3		0 - 1
		Day 29	2020-08-11 08:03 (40)	0.2		0 - 1
		Day 57	2020-09-08 09:50 (29)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-18 11:13 (-15)	6.35		3.7 - 11
		Day 29	2020-08-11 08:03 (40)	6.04		3.7 - 11
		Day 57	2020-09-08 09:50 (29)	5.48		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081085	Lymphocytes (10^9/L)	Screening	2020-06-18 11:13 (-15)	2.06		0.9 - 3.6
		Day 29	2020-08-11 08:03 (40)	2.55		0.9 - 3.6
		Day 57	2020-09-08 09:50 (29)	2.04		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-18 11:13 (-15)	32.4		12 - 46
		Day 29	2020-08-11 08:03 (40)	42.2		12 - 46
		Day 57	2020-09-08 09:50 (29)	37.2		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-18 11:13 (-15)	0.47		0 - 1.2
		Day 29	2020-08-11 08:03 (40)	0.36		0 - 1.2
		Day 57	2020-09-08 09:50 (29)	0.41		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-18 11:13 (-15)	7.4		0 - 11
		Day 29	2020-08-11 08:03 (40)	6.0		0 - 11
		Day 57	2020-09-08 09:50 (29)	7.5		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081085	Neutrophils (10^9/L)	Screening	2020-06-18 11:13 (-15)	3.63		1.7 - 7.9
		Day 29	2020-08-11 08:03 (40)	2.87		1.7 - 7.9
		Day 57	2020-09-08 09:50 (29)	2.87		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-18 11:13 (-15)	57.3		34 - 71
		Day 29	2020-08-11 08:03 (40)	47.5		34 - 71
		Day 57	2020-09-08 09:50 (29)	52.4		34 - 71
	Platelets (10^9/L)	Screening	2020-06-18 11:13 (-15)	291		163 - 375
		Day 29	2020-08-11 08:03 (40)	277		163 - 375
		Day 57	2020-09-08 09:50 (29)	276		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-18 11:13 (-15)	0.9		0.9 - 1.1
		Day 29	2020-08-11 08:03 (40)	0.8 (L)		0.9 - 1.1
		Day 57	2020-09-08 09:50 (29)	0.8 (L)		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081085	Prothrombin Time (sec)	Screening	2020-06-18 11:13 (-15)	10.0		9.4 - 12.5
		Day 29	2020-08-11 08:03 (40)	9.8		9.4 - 12.5
		Day 57	2020-09-08 09:50 (29)	9.9		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-18 11:13 (-15)	3.21		1.78 - 7.14
		Day 29	2020-08-11 08:03 (40)	4.28		1.78 - 7.14
		Day 57	2020-09-08 09:50 (29)	4.28		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-18 11:13 (-15)	11.2		7.8 - 26.7
		Day 29	2020-08-11 08:03 (40)	17.1		7.8 - 26.7
		Day 57	2020-09-08 09:50 (29)	20.0		7.8 - 26.7
US2081090	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-19 07:46 (-12)	40.9 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
		Unscheduled	2020-06-25 07:00 (-6)	33.4		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081090	Activated Partial Thromboplastin Time (sec)	Day 29	2020-08-03 07:31 (34)	30.0		25.1 - 36.5
		Day 57	2020-09-02 10:55 (31)	30.7		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-19 07:46 (-12)	17		10 - 40
		Day 29	2020-08-03 07:31 (34)	14		10 - 40
		Day 57	2020-09-02 10:55 (31)	14		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-19 07:46 (-12)	83		43 - 115
		Day 29	2020-08-03 07:31 (34)	63		43 - 115
		Day 57	2020-09-02 10:55 (31)	64		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-19 07:46 (-12)	18		10 - 43
		Day 29	2020-08-03 07:31 (34)	22		10 - 43
		Day 57	2020-09-02 10:55 (31)	16		10 - 43
	Basophils (10^9/L)	Screening	2020-06-19 07:46 (-12)	0.06		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081090	Basophils (10^9/L)	Day 29	2020-08-03 07:31 (34)	0.06		0 - 0.3
		Day 57	2020-09-02 10:55 (31)	0.06		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-19 07:46 (-12)	1.0		0 - 3
		Day 29	2020-08-03 07:31 (34)	1.1		0 - 3
		Day 57	2020-09-02 10:55 (31)	0.9		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-19 07:46 (-12)	2.7		- 18.8
		Day 29	2020-08-03 07:31 (34)	5.6		- 18.8
		Day 57	2020-09-02 10:55 (31)	6.5		- 18.8
	Creatinine (umol/L)	Screening	2020-06-19 07:46 (-12)	80		62 - 124
		Day 29	2020-08-03 07:31 (34)	62		62 - 124
		Day 57	2020-09-02 10:55 (31)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-19 07:46 (-12)	<3.4		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081090	Direct Bilirubin (umol/L)	Day 29	2020-08-03 07:31 (34)	<3.4		0 - 6.8
		Day 57	2020-09-02 10:55 (31)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-19 07:46 (-12)	0.11		0 - 0.8
		Day 29	2020-08-03 07:31 (34)	0.09		0 - 0.8
		Day 57	2020-09-02 10:55 (31)	0.03		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-19 07:46 (-12)	1.9		0 - 7
		Day 29	2020-08-03 07:31 (34)	1.6		0 - 7
		Day 57	2020-09-02 10:55 (31)	0.5		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-19 07:46 (-12)	4.59 (L)		4.63 - 6.08
		Day 29	2020-08-03 07:31 (34)	4.33 (L)		4.63 - 6.08
		Day 57	2020-09-02 10:55 (31)	4.15 (L)		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-19 07:46 (-12)	0.472		0.37 - 0.51

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081090	Hematocrit (L/L)	Day 29	2020-08-03 07:31 (34)	0.430		0.37 - 0.51
		Day 57	2020-09-02 10:55 (31)	0.432		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-19 07:46 (-12)	143		125 - 170
		Day 29	2020-08-03 07:31 (34)	139	G1 Hemoglobin Decreased	125 - 170
		Day 57	2020-09-02 10:55 (31)	132	G1 Hemoglobin Decreased	125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-19 07:46 (-12)	<0.03		0 - 0.07
		Day 29	2020-08-03 07:31 (34)	0.03		0 - 0.07
		Day 57	2020-09-02 10:55 (31)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-19 07:46 (-12)	0.3		0 - 1
		Day 29	2020-08-03 07:31 (34)	0.5		0 - 1
		Day 57	2020-09-02 10:55 (31)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-19 07:46 (-12)	5.83		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081090	Leukocytes (10^9/L)	Day 29	2020-08-03 07:31 (34)	5.59		3.7 - 11
		Day 57	2020-09-02 10:55 (31)	6.45		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-19 07:46 (-12)	1.32		0.9 - 3.6
		Day 29	2020-08-03 07:31 (34)	1.23		0.9 - 3.6
		Day 57	2020-09-02 10:55 (31)	1.25		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-19 07:46 (-12)	22.6		12 - 46
		Day 29	2020-08-03 07:31 (34)	22.0		12 - 46
		Day 57	2020-09-02 10:55 (31)	19.4		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-19 07:46 (-12)	0.61		0 - 1.2
		Day 29	2020-08-03 07:31 (34)	0.52		0 - 1.2
		Day 57	2020-09-02 10:55 (31)	0.54		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-19 07:46 (-12)	10.5		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081090	Monocytes/Leukocytes (%)	Day 29	2020-08-03 07:31 (34)	9.3		0 - 11
		Day 57	2020-09-02 10:55 (31)	8.4		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-19 07:46 (-12)	3.71		1.7 - 7.9
		Day 29	2020-08-03 07:31 (34)	3.66		1.7 - 7.9
		Day 57	2020-09-02 10:55 (31)	4.56		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-19 07:46 (-12)	63.7		34 - 71
		Day 29	2020-08-03 07:31 (34)	65.5		34 - 71
		Day 57	2020-09-02 10:55 (31)	70.6		34 - 71
	Platelets (10^9/L)	Screening	2020-06-19 07:46 (-12)	298		163 - 375
		Day 29	2020-08-03 07:31 (34)	301		163 - 375
		Day 57	2020-09-02 10:55 (31)	300		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-19 07:46 (-12)	0.9		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081090	Prothrombin Intl. Normalized Ratio	Unscheduled	2020-06-25 07:00 (-6)	0.9		0.9 - 1.1
		Day 29	2020-08-03 07:31 (34)	0.9		0.9 - 1.1
		Day 57	2020-09-02 10:55 (31)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-19 07:46 (-12)	10.9		9.4 - 12.5
		Unscheduled	2020-06-25 07:00 (-6)	10.9		9.4 - 12.5
		Day 29	2020-08-03 07:31 (34)	10.8		9.4 - 12.5
		Day 57	2020-09-02 10:55 (31)	11.7		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-19 07:46 (-12)	7.50 (H)		1.78 - 7.14
		Day 29	2020-08-03 07:31 (34)	6.78		1.78 - 7.14
		Day 57	2020-09-02 10:55 (31)	6.78		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-19 07:46 (-12)	23.3		7.8 - 26.7
		Day 29	2020-08-03 07:31 (34)	27.1 (H)		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081090	Urea Nitrogen/Creatinine	Day 57	2020-09-02 10:55 (31)	23.8		7.8 - 26.7
US2081092	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-19 12:00 (-13)	28.6		25.1 - 36.5
		Day 29	2020-07-31 13:20 (30)	27.1		25.1 - 36.5
		Day 57	2020-08-28 09:46 (29)	30.6		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-19 12:00 (-13)	17		10 - 33
		Day 29	2020-07-31 13:20 (30)	19		10 - 33
		Day 57	2020-08-28 09:46 (29)	18		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-19 12:00 (-13)	98		30 - 115
		Day 29	2020-07-31 13:20 (30)	89		30 - 115
		Day 57	2020-08-28 09:46 (29)	92		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-19 12:00 (-13)	25		10 - 36
		Day 29	2020-07-31 13:20 (30)	21		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081092	Aspartate Aminotransferase (U/L)	Day 57	2020-08-28 09:46 (29)	21		10 - 36
	Basophils (10^9/L)	Screening	2020-06-19 12:00 (-13)	0.04		0 - 0.3
		Day 29	2020-07-31 13:20 (30)	0.04		0 - 0.3
		Day 57	2020-08-28 09:46 (29)	0.05		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-19 12:00 (-13)	0.4		0 - 3
		Day 29	2020-07-31 13:20 (30)	0.5		0 - 3
		Day 57	2020-08-28 09:46 (29)	0.6		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-19 12:00 (-13)	8.7		- 18.8
		Day 29	2020-07-31 13:20 (30)	7.5		- 18.8
		Day 57	2020-08-28 09:46 (29)	7.4		- 18.8
	Creatinine (umol/L)	Screening	2020-06-19 12:00 (-13)	53 (L)		62 - 124
		Day 29	2020-07-31 13:20 (30)	53 (L)		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081092	Creatinine (umol/L)	Day 57	2020-08-28 09:46 (29)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-19 12:00 (-13)	<3.4		0 - 6.8
		Day 29	2020-07-31 13:20 (30)	<3.4		0 - 6.8
		Day 57	2020-08-28 09:46 (29)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-19 12:00 (-13)	0.08		0 - 0.8
		Day 29	2020-07-31 13:20 (30)	0.22		0 - 0.8
		Day 57	2020-08-28 09:46 (29)	0.29		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-19 12:00 (-13)	0.8		0 - 7
		Day 29	2020-07-31 13:20 (30)	3.0		0 - 7
		Day 57	2020-08-28 09:46 (29)	3.7		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-19 12:00 (-13)	4.55		3.7 - 5.2
		Day 29	2020-07-31 13:20 (30)	4.40		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081092	Erythrocytes (10^12/L)	Day 57	2020-08-28 09:46 (29)	4.47		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-19 12:00 (-13)	0.438		0.33 - 0.47
		Day 29	2020-07-31 13:20 (30)	0.413		0.33 - 0.47
		Day 57	2020-08-28 09:46 (29)	0.440		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-19 12:00 (-13)	139		110 - 155
		Day 29	2020-07-31 13:20 (30)	137	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-28 09:46 (29)	137	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-19 12:00 (-13)	<0.03		0 - 0.07
		Day 29	2020-07-31 13:20 (30)	0.03		0 - 0.07
		Day 57	2020-08-28 09:46 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-19 12:00 (-13)	0.1		0 - 1
		Day 29	2020-07-31 13:20 (30)	0.4		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081092	Immature Granulocytes/Leukocytes (%)	Day 57	2020-08-28 09:46 (29)	0.1		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-19 12:00 (-13)	9.95		3.7 - 11
		Day 29	2020-07-31 13:20 (30)	7.43		3.7 - 11
		Day 57	2020-08-28 09:46 (29)	7.82		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-19 12:00 (-13)	1.58		0.9 - 3.6
		Day 29	2020-07-31 13:20 (30)	1.96		0.9 - 3.6
		Day 57	2020-08-28 09:46 (29)	2.26		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-19 12:00 (-13)	15.9		12 - 46
		Day 29	2020-07-31 13:20 (30)	26.4		12 - 46
		Day 57	2020-08-28 09:46 (29)	28.9		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-19 12:00 (-13)	0.80		0 - 1.2
		Day 29	2020-07-31 13:20 (30)	0.65		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081092	Monocytes (10^9/L)	Day 57	2020-08-28 09:46 (29)	0.47		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-19 12:00 (-13)	8.0		0 - 11
		Day 29	2020-07-31 13:20 (30)	8.7		0 - 11
		Day 57	2020-08-28 09:46 (29)	6.0		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-19 12:00 (-13)	7.44		1.7 - 7.9
		Day 29	2020-07-31 13:20 (30)	4.53		1.7 - 7.9
		Day 57	2020-08-28 09:46 (29)	4.74		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-19 12:00 (-13)	74.8 (H)		34 - 71
		Day 29	2020-07-31 13:20 (30)	61.0		34 - 71
		Day 57	2020-08-28 09:46 (29)	60.7		34 - 71
	Platelets (10^9/L)	Screening	2020-06-19 12:00 (-13)	190		163 - 375
		Day 29	2020-07-31 13:20 (30)	193		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081092	Platelets (10^9/L)	Day 57	2020-08-28 09:46 (29)	193		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-19 12:00 (-13)	1.0		0.9 - 1.1
		Day 29	2020-07-31 13:20 (30)	1.0		0.9 - 1.1
		Day 57	2020-08-28 09:46 (29)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-19 12:00 (-13)	11.5		9.4 - 12.5
		Day 29	2020-07-31 13:20 (30)	12.0		9.4 - 12.5
		Day 57	2020-08-28 09:46 (29)	11.7		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-19 12:00 (-13)	5.71		1.78 - 7.14
		Day 29	2020-07-31 13:20 (30)	5.71		1.78 - 7.14
		Day 57	2020-08-28 09:46 (29)	5.71		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-19 12:00 (-13)	26.7		7.8 - 26.7
		Day 29	2020-07-31 13:20 (30)	26.7		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081092	Urea Nitrogen/Creatinine	Day 57	2020-08-28 09:46 (29)	26.7		7.8 - 26.7
US2081100	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-22 12:30 (-10)	34.8		25.1 - 36.5
		Day 29	2020-08-03 09:20 (33)	41.2 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
		Day 57	2020-09-10 11:41 (39)	34.2		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-22 12:30 (-10)	33		10 - 33
		Day 29	2020-08-03 09:20 (33)	32		10 - 33
		Day 57	2020-09-10 11:41 (39)	23		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-22 12:30 (-10)	70		30 - 115
		Day 29	2020-08-03 09:20 (33)	70		30 - 115
		Day 57	2020-09-10 11:41 (39)	61		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-22 12:30 (-10)	34		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081100	Aspartate Aminotransferase (U/L)	Day 29	2020-08-03 09:20 (33)	33		10 - 36
		Day 57	2020-09-10 11:41 (39)	27		10 - 36
	Basophils (10^9/L)	Screening	2020-06-22 12:30 (-10)	0.04		0 - 0.3
		Day 29	2020-08-03 09:20 (33)	0.03		0 - 0.3
		Day 57	2020-09-10 11:41 (39)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-22 12:30 (-10)	0.5		0 - 3
		Day 29	2020-08-03 09:20 (33)	0.5		0 - 3
		Day 57	2020-09-10 11:41 (39)	0.5		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-22 12:30 (-10)	6.2		- 18.8
		Day 29	2020-08-03 09:20 (33)	2.7		- 18.8
		Day 57	2020-09-10 11:41 (39)	5.1		- 18.8
	Creatinine (umol/L)	Screening	2020-06-22 12:30 (-10)	62		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081100	Creatinine (umol/L)	Day 29	2020-08-03 09:20 (33)	62		62 - 124
		Day 57	2020-09-10 11:41 (39)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-22 12:30 (-10)	<3.4		0 - 6.8
		Day 29	2020-08-03 09:20 (33)	<3.4		0 - 6.8
		Day 57	2020-09-10 11:41 (39)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-22 12:30 (-10)	0.14		0 - 0.8
		Day 29	2020-08-03 09:20 (33)	0.10		0 - 0.8
		Day 57	2020-09-10 11:41 (39)	0.10		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-22 12:30 (-10)	1.8		0 - 7
		Day 29	2020-08-03 09:20 (33)	1.7		0 - 7
		Day 57	2020-09-10 11:41 (39)	1.6		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-22 12:30 (-10)	4.74		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081100	Erythrocytes (10^12/L)	Day 29	2020-08-03 09:20 (33)	4.81		3.7 - 5.2
		Day 57	2020-09-10 11:41 (39)	4.52		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-22 12:30 (-10)	0.473 (H)		0.33 - 0.47
		Day 29	2020-08-03 09:20 (33)	0.466		0.33 - 0.47
		Day 57	2020-09-10 11:41 (39)	0.445		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-22 12:30 (-10)	141		110 - 155
		Day 29	2020-08-03 09:20 (33)	145		110 - 155
		Day 57	2020-09-10 11:41 (39)	135	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-22 12:30 (-10)	<0.03		0 - 0.07
		Day 29	2020-08-03 09:20 (33)	<0.03		0 - 0.07
		Day 57	2020-09-10 11:41 (39)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-22 12:30 (-10)	0.1		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081100	Immature Granulocytes/Leukocytes (%)	Day 29	2020-08-03 09:20 (33)	0.2		0 - 1
		Day 57	2020-09-10 11:41 (39)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-22 12:30 (-10)	7.89		3.7 - 11
		Day 29	2020-08-03 09:20 (33)	5.76		3.7 - 11
		Day 57	2020-09-10 11:41 (39)	6.20		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-22 12:30 (-10)	1.92		0.9 - 3.6
		Day 29	2020-08-03 09:20 (33)	1.94		0.9 - 3.6
		Day 57	2020-09-10 11:41 (39)	1.82		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-22 12:30 (-10)	24.3		12 - 46
		Day 29	2020-08-03 09:20 (33)	33.7		12 - 46
		Day 57	2020-09-10 11:41 (39)	29.4		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-22 12:30 (-10)	0.59		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081100	Monocytes (10^9/L)	Day 29	2020-08-03 09:20 (33)	0.36		0 - 1.2
		Day 57	2020-09-10 11:41 (39)	0.50		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-22 12:30 (-10)	7.5		0 - 11
		Day 29	2020-08-03 09:20 (33)	6.3		0 - 11
		Day 57	2020-09-10 11:41 (39)	8.1		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-22 12:30 (-10)	5.19		1.7 - 7.9
		Day 29	2020-08-03 09:20 (33)	3.32		1.7 - 7.9
		Day 57	2020-09-10 11:41 (39)	3.73		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-22 12:30 (-10)	65.8		34 - 71
		Day 29	2020-08-03 09:20 (33)	57.6		34 - 71
		Day 57	2020-09-10 11:41 (39)	60.1		34 - 71
	Platelets (10^9/L)	Screening	2020-06-22 12:30 (-10)	248		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081100	Platelets (10^9/L)	Day 29	2020-08-03 09:20 (33)	298		163 - 375
		Day 57	2020-09-10 11:41 (39)	255		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-22 12:30 (-10)	1.0		0.9 - 1.1
		Day 29	2020-08-03 09:20 (33)	1.0		0.9 - 1.1
		Day 57	2020-09-10 11:41 (39)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-22 12:30 (-10)	11.4		9.4 - 12.5
		Day 29	2020-08-03 09:20 (33)	11.9		9.4 - 12.5
		Day 57	2020-09-10 11:41 (39)	12.5		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-22 12:30 (-10)	5.71		1.78 - 7.14
		Day 29	2020-08-03 09:20 (33)	7.50 (H)		1.78 - 7.14
		Day 57	2020-09-10 11:41 (39)	4.64		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-22 12:30 (-10)	22.9		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081100	Urea Nitrogen/Creatinine	Day 29	2020-08-03 09:20 (33)	30.0 (H)		7.8 - 26.7
		Day 57	2020-09-10 11:41 (39)	18.6		7.8 - 26.7
US2081110	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-23 15:04 (-10)	31.6		25.1 - 36.5
		Day 29	2020-07-31 11:20 (29)	29.2		25.1 - 36.5
		Day 57	2020-08-28 14:11 (29)	28.9		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-23 15:04 (-10)	13		10 - 33
		Unscheduled	2020-06-26 10:00 (-7)	16		10 - 33
		Day 29	2020-07-31 11:20 (29)	21		10 - 33
		Day 57	2020-08-28 14:11 (29)	11		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-23 15:04 (-10)	64		30 - 115
		Unscheduled	2020-06-26 10:00 (-7)	63		30 - 115
		Day 29	2020-07-31 11:20 (29)	67		30 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081110	Alkaline Phosphatase (U/L)	Day 57	2020-08-28 14:11 (29)	61		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-23 15:04 (-10)	18		10 - 36
		Unscheduled	2020-06-26 10:00 (-7)	20		10 - 36
		Day 29	2020-07-31 11:20 (29)	22		10 - 36
		Day 57	2020-08-28 14:11 (29)	14		10 - 36
	Basophils (10^9/L)	Screening	2020-06-23 15:04 (-10)	0.06		0 - 0.3
		Day 29	2020-07-31 11:20 (29)	0.07		0 - 0.3
		Day 57	2020-08-28 14:11 (29)	0.06		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-23 15:04 (-10)	0.8		0 - 3
		Day 29	2020-07-31 11:20 (29)	1.1		0 - 3
		Day 57	2020-08-28 14:11 (29)	0.8		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-23 15:04 (-10)	3.2		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081110	Bilirubin (umol/L)	Unscheduled	2020-06-26 10:00 (-7)	6.2		- 18.8
		Day 29	2020-07-31 11:20 (29)	4.8		- 18.8
		Day 57	2020-08-28 14:11 (29)	5.3		- 18.8
	Creatinine (umol/L)	Screening	2020-06-23 15:04 (-10)	71		62 - 124
		Unscheduled	2020-06-26 10:00 (-7)	71		62 - 124
		Day 29	2020-07-31 11:20 (29)	71		62 - 124
		Day 57	2020-08-28 14:11 (29)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-23 15:04 (-10)	<3.4		0 - 6.8
		Unscheduled	2020-06-26 10:00 (-7)	<3.4		0 - 6.8
		Day 29	2020-07-31 11:20 (29)	<3.4		0 - 6.8
		Day 57	2020-08-28 14:11 (29)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-23 15:04 (-10)	0.11		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081110	Eosinophils (10^9/L)	Day 29	2020-07-31 11:20 (29)	0.23		0 - 0.8
		Day 57	2020-08-28 14:11 (29)	0.11		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-23 15:04 (-10)	1.5		0 - 7
		Day 29	2020-07-31 11:20 (29)	3.5		0 - 7
		Day 57	2020-08-28 14:11 (29)	1.5		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-23 15:04 (-10)	4.53		3.7 - 5.2
		Day 29	2020-07-31 11:20 (29)	4.27		3.7 - 5.2
		Day 57	2020-08-28 14:11 (29)	4.44		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-23 15:04 (-10)	0.422		0.33 - 0.47
		Day 29	2020-07-31 11:20 (29)	0.398		0.33 - 0.47
		Day 57	2020-08-28 14:11 (29)	0.423		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-23 15:04 (-10)	133		110 - 155

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081110	Hemoglobin (g/L)	Day 29	2020-07-31 11:20 (29)	129	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-28 14:11 (29)	133		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-23 15:04 (-10)	0.03		0 - 0.07
		Day 29	2020-07-31 11:20 (29)	0.03		0 - 0.07
		Day 57	2020-08-28 14:11 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-23 15:04 (-10)	0.4		0 - 1
		Day 29	2020-07-31 11:20 (29)	0.5		0 - 1
		Day 57	2020-08-28 14:11 (29)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-23 15:04 (-10)	7.29		3.7 - 11
		Day 29	2020-07-31 11:20 (29)	6.59		3.7 - 11
		Day 57	2020-08-28 14:11 (29)	7.42		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-23 15:04 (-10)	1.67		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081110	Lymphocytes (10^9/L)	Day 29	2020-07-31 11:20 (29)	1.48		0.9 - 3.6
		Day 57	2020-08-28 14:11 (29)	1.51		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-23 15:04 (-10)	22.9		12 - 46
		Day 29	2020-07-31 11:20 (29)	22.5		12 - 46
		Day 57	2020-08-28 14:11 (29)	20.4		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-23 15:04 (-10)	0.63		0 - 1.2
		Day 29	2020-07-31 11:20 (29)	0.51		0 - 1.2
		Day 57	2020-08-28 14:11 (29)	0.59		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-23 15:04 (-10)	8.6		0 - 11
		Day 29	2020-07-31 11:20 (29)	7.7		0 - 11
		Day 57	2020-08-28 14:11 (29)	8.0		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-23 15:04 (-10)	4.79		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081110	Neutrophils (10^9/L)	Day 29	2020-07-31 11:20 (29)	4.27		1.7 - 7.9
		Day 57	2020-08-28 14:11 (29)	5.13		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-23 15:04 (-10)	65.8		34 - 71
		Day 29	2020-07-31 11:20 (29)	64.7		34 - 71
		Day 57	2020-08-28 14:11 (29)	69.0		34 - 71
	Platelets (10^9/L)	Screening	2020-06-23 15:04 (-10)	285		163 - 375
		Day 29	2020-07-31 11:20 (29)	258		163 - 375
		Day 57	2020-08-28 14:11 (29)	258		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-23 15:04 (-10)	1.0		0.9 - 1.1
		Day 29	2020-07-31 11:20 (29)	1.0		0.9 - 1.1
		Day 57	2020-08-28 14:11 (29)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-23 15:04 (-10)	11.8		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081110	Prothrombin Time (sec)	Day 29	2020-07-31 11:20 (29)	11.6		9.4 - 12.5
		Day 57	2020-08-28 14:11 (29)	12.6 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-23 15:04 (-10)	8.21 (H)	G1 Blood Urea Nitrogen Increased	1.78 - 7.14
		Unscheduled	2020-06-26 10:00 (-7)	7.14		1.78 - 7.14
		Day 29	2020-07-31 11:20 (29)	5.35		1.78 - 7.14
		Day 57	2020-08-28 14:11 (29)	6.43		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-23 15:04 (-10)	28.8 (H)		7.8 - 26.7
		Unscheduled	2020-06-26 10:00 (-7)	25.0		7.8 - 26.7
		Day 29	2020-07-31 11:20 (29)	18.8		7.8 - 26.7
		Day 57	2020-08-28 14:11 (29)	22.5		7.8 - 26.7
US2081112	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-24 07:55 (-9)	31.3		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081112	Activated Partial Thromboplastin Time (sec)	Day 29	2020-08-11 09:54 (40)	28.4		25.1 - 36.5
		Day 57	2020-09-14 10:29 (35)	27.8		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-24 07:55 (-9)	10		10 - 33
		Day 29	2020-08-11 09:54 (40)	10		10 - 33
		Day 57	2020-09-14 10:29 (35)	11		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-24 07:55 (-9)	54		30 - 115
		Day 29	2020-08-11 09:54 (40)	56		30 - 115
		Day 57	2020-09-14 10:29 (35)	56		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-24 07:55 (-9)	17		10 - 36
		Day 29	2020-08-11 09:54 (40)	15		10 - 36
		Day 57	2020-09-14 10:29 (35)	13		10 - 36
	Basophils (10^9/L)	Screening	2020-06-24 07:55 (-9)	0.04		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081112	Basophils (10^9/L)	Day 29	2020-08-11 09:54 (40)	0.04		0 - 0.3
		Day 57	2020-09-14 10:29 (35)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-24 07:55 (-9)	0.8		0 - 3
		Day 29	2020-08-11 09:54 (40)	0.7		0 - 3
		Day 57	2020-09-14 10:29 (35)	0.7		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-24 07:55 (-9)	6.3		- 18.8
		Day 29	2020-08-11 09:54 (40)	5.6		- 18.8
		Day 57	2020-09-14 10:29 (35)	5.6		- 18.8
	Creatinine (umol/L)	Screening	2020-06-24 07:55 (-9)	62		62 - 124
		Day 29	2020-08-11 09:54 (40)	53 (L)		62 - 124
		Day 57	2020-09-14 10:29 (35)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-24 07:55 (-9)	<3.4		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081112	Direct Bilirubin (umol/L)	Day 29	2020-08-11 09:54 (40)	<3.4		0 - 6.8
		Day 57	2020-09-14 10:29 (35)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-24 07:55 (-9)	0.14		0 - 0.8
		Day 29	2020-08-11 09:54 (40)	0.11		0 - 0.8
		Day 57	2020-09-14 10:29 (35)	0.11		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-24 07:55 (-9)	3.0		0 - 7
		Day 29	2020-08-11 09:54 (40)	1.8		0 - 7
		Day 57	2020-09-14 10:29 (35)	2.0		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-24 07:55 (-9)	4.28		3.7 - 5.2
		Day 29	2020-08-11 09:54 (40)	4.17		3.7 - 5.2
		Day 57	2020-09-14 10:29 (35)	4.14		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-24 07:55 (-9)	0.461		0.33 - 0.47

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081112	Hematocrit (L/L)	Day 29	2020-08-11 09:54 (40)	0.449		0.33 - 0.47
		Day 57	2020-09-14 10:29 (35)	0.422		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-24 07:55 (-9)	136		110 - 155
		Day 29	2020-08-11 09:54 (40)	134	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-09-14 10:29 (35)	133	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-24 07:55 (-9)	<0.03		0 - 0.07
		Day 29	2020-08-11 09:54 (40)	<0.03		0 - 0.07
		Day 57	2020-09-14 10:29 (35)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-24 07:55 (-9)	0.2		0 - 1
		Day 29	2020-08-11 09:54 (40)	0.3		0 - 1
		Day 57	2020-09-14 10:29 (35)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-24 07:55 (-9)	4.73		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081112	Leukocytes (10^9/L)	Day 29	2020-08-11 09:54 (40)	6.01		3.7 - 11
		Day 57	2020-09-14 10:29 (35)	5.54		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-24 07:55 (-9)	1.73		0.9 - 3.6
		Day 29	2020-08-11 09:54 (40)	1.95		0.9 - 3.6
		Day 57	2020-09-14 10:29 (35)	1.97		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-24 07:55 (-9)	36.6		12 - 46
		Day 29	2020-08-11 09:54 (40)	32.4		12 - 46
		Day 57	2020-09-14 10:29 (35)	35.6		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-24 07:55 (-9)	0.41		0 - 1.2
		Day 29	2020-08-11 09:54 (40)	0.34		0 - 1.2
		Day 57	2020-09-14 10:29 (35)	0.40		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-24 07:55 (-9)	8.7		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081112	Monocytes/Leukocytes (%)	Day 29	2020-08-11 09:54 (40)	5.7		0 - 11
		Day 57	2020-09-14 10:29 (35)	7.2		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-24 07:55 (-9)	2.40		1.7 - 7.9
		Day 29	2020-08-11 09:54 (40)	3.55		1.7 - 7.9
		Day 57	2020-09-14 10:29 (35)	3.01		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-24 07:55 (-9)	50.7		34 - 71
		Day 29	2020-08-11 09:54 (40)	59.1		34 - 71
		Day 57	2020-09-14 10:29 (35)	54.3		34 - 71
	Platelets (10^9/L)	Screening	2020-06-24 07:55 (-9)	238		163 - 375
		Day 29	2020-08-11 09:54 (40)	248		163 - 375
		Day 57	2020-09-14 10:29 (35)	236		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-24 07:55 (-9)	1.0		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081112	Prothrombin Intl. Normalized Ratio	Day 29	2020-08-11 09:54 (40)	1.0		0.9 - 1.1
		Day 57	2020-09-14 10:29 (35)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-24 07:55 (-9)	11.4		9.4 - 12.5
		Day 29	2020-08-11 09:54 (40)	12.1		9.4 - 12.5
		Day 57	2020-09-14 10:29 (35)	10.8		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-24 07:55 (-9)	5.71		1.78 - 7.14
		Day 29	2020-08-11 09:54 (40)	7.14		1.78 - 7.14
		Day 57	2020-09-14 10:29 (35)	4.64		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-24 07:55 (-9)	22.9		7.8 - 26.7
		Day 29	2020-08-11 09:54 (40)	33.3 (H)		7.8 - 26.7
		Day 57	2020-09-14 10:29 (35)	21.7		7.8 - 26.7
US2081118	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-24 12:12 (-7)	29.2		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081118	Activated Partial Thromboplastin Time (sec)	Day 29	2020-07-31 13:10 (31)	26.5		25.1 - 36.5
		Day 57	2020-08-28 11:39 (29)	35.2		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-24 12:12 (-7)	16		10 - 33
		Day 29	2020-07-31 13:10 (31)	20		10 - 33
		Day 57	2020-08-28 11:39 (29)	22		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-24 12:12 (-7)	77		30 - 115
		Day 29	2020-07-31 13:10 (31)	65		30 - 115
		Day 57	2020-08-28 11:39 (29)	71		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-24 12:12 (-7)	24		10 - 36
		Day 29	2020-07-31 13:10 (31)	20		10 - 36
		Day 57	2020-08-28 11:39 (29)	24		10 - 36
	Basophils (10^9/L)	Screening	2020-06-24 12:12 (-7)	0.08		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081118	Basophils (10^9/L)	Day 29	2020-07-31 13:10 (31)	0.07		0 - 0.3
		Day 57	2020-08-28 11:39 (29)	0.07		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-24 12:12 (-7)	1.6		0 - 3
		Day 29	2020-07-31 13:10 (31)	1.5		0 - 3
		Day 57	2020-08-28 11:39 (29)	1.2		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-24 12:12 (-7)	4.6		- 18.8
		Day 29	2020-07-31 13:10 (31)	2.9		- 18.8
		Day 57	2020-08-28 11:39 (29)	3.4		- 18.8
	Creatinine (umol/L)	Screening	2020-06-24 12:12 (-7)	80		62 - 124
		Day 29	2020-07-31 13:10 (31)	62		62 - 124
		Day 57	2020-08-28 11:39 (29)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-24 12:12 (-7)	<3.4		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081118	Direct Bilirubin (umol/L)	Day 29	2020-07-31 13:10 (31)	<3.4		0 - 6.8
		Day 57	2020-08-28 11:39 (29)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-24 12:12 (-7)	0.08		0 - 0.8
		Day 29	2020-07-31 13:10 (31)	0.11		0 - 0.8
		Day 57	2020-08-28 11:39 (29)	0.18		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-24 12:12 (-7)	1.6		0 - 7
		Day 29	2020-07-31 13:10 (31)	2.4		0 - 7
		Day 57	2020-08-28 11:39 (29)	3.1		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-24 12:12 (-7)	4.37		3.7 - 5.2
		Day 29	2020-07-31 13:10 (31)	4.20		3.7 - 5.2
		Day 57	2020-08-28 11:39 (29)	4.19		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-24 12:12 (-7)	0.411		0.33 - 0.47

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081118	Hematocrit (L/L)	Day 29	2020-07-31 13:10 (31)	0.389		0.33 - 0.47
		Day 57	2020-08-28 11:39 (29)	0.399		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-24 12:12 (-7)	128		110 - 155
		Day 29	2020-07-31 13:10 (31)	126	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-28 11:39 (29)	124	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-24 12:12 (-7)	0.03		0 - 0.07
		Day 29	2020-07-31 13:10 (31)	0.04		0 - 0.07
		Day 57	2020-08-28 11:39 (29)	0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-24 12:12 (-7)	0.6		0 - 1
		Day 29	2020-07-31 13:10 (31)	0.9		0 - 1
		Day 57	2020-08-28 11:39 (29)	0.5		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-24 12:12 (-7)	5.11		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081118	Leukocytes (10^9/L)	Day 29	2020-07-31 13:10 (31)	4.62		3.7 - 11
		Day 57	2020-08-28 11:39 (29)	5.72		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-24 12:12 (-7)	1.30		0.9 - 3.6
		Day 29	2020-07-31 13:10 (31)	1.04		0.9 - 3.6
		Day 57	2020-08-28 11:39 (29)	1.62		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-24 12:12 (-7)	25.4		12 - 46
		Day 29	2020-07-31 13:10 (31)	22.5		12 - 46
		Day 57	2020-08-28 11:39 (29)	28.3		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-24 12:12 (-7)	0.81		0 - 1.2
		Day 29	2020-07-31 13:10 (31)	0.77		0 - 1.2
		Day 57	2020-08-28 11:39 (29)	0.67		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-24 12:12 (-7)	15.9 (H)		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081118	Monocytes/Leukocytes (%)	Day 29	2020-07-31 13:10 (31)	16.7 (H)		0 - 11
		Day 57	2020-08-28 11:39 (29)	11.7 (H)		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-24 12:12 (-7)	2.81		1.7 - 7.9
		Day 29	2020-07-31 13:10 (31)	2.59		1.7 - 7.9
		Day 57	2020-08-28 11:39 (29)	3.15		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-24 12:12 (-7)	54.9		34 - 71
		Day 29	2020-07-31 13:10 (31)	56.0		34 - 71
		Day 57	2020-08-28 11:39 (29)	55.2		34 - 71
	Platelets (10^9/L)	Screening	2020-06-24 12:12 (-7)	258		163 - 375
		Day 29	2020-07-31 13:10 (31)	265		163 - 375
		Day 57	2020-08-28 11:39 (29)	257		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-24 12:12 (-7)	1.0		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081118	Prothrombin Intl. Normalized Ratio	Day 29	2020-07-31 13:10 (31)	1.0		0.9 - 1.1
		Day 57	2020-08-28 11:39 (29)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-24 12:12 (-7)	11.3		9.4 - 12.5
		Day 29	2020-07-31 13:10 (31)	11.5		9.4 - 12.5
		Day 57	2020-08-28 11:39 (29)	12.6 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-24 12:12 (-7)	4.28		1.78 - 7.14
		Day 29	2020-07-31 13:10 (31)	3.57		1.78 - 7.14
		Day 57	2020-08-28 11:39 (29)	5.71		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-24 12:12 (-7)	13.3		7.8 - 26.7
		Day 29	2020-07-31 13:10 (31)	14.3		7.8 - 26.7
		Day 57	2020-08-28 11:39 (29)	20.0		7.8 - 26.7
US2081123	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-25 09:32 (-5)	35.5		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081123	Activated Partial Thromboplastin Time (sec)	Day 29	2020-08-11 11:38 (43)	33.9		25.1 - 36.5
		Day 57	2020-09-08 12:35 (71)	29.6		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-25 09:32 (-5)	20		10 - 40
		Day 29	2020-08-11 11:38 (43)	42 (H)		10 - 40
		Day 57	2020-09-08 12:35 (71)	19		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-25 09:32 (-5)	41 (L)		43 - 115
		Day 29	2020-08-11 11:38 (43)	477 (H)	G3 Alkaline Phosphatase Increased	43 - 115
		Day 57	2020-09-08 12:35 (71)	88		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-25 09:32 (-5)	21		10 - 43
		Day 29	2020-08-11 11:38 (43)	26		10 - 43
		Day 57	2020-09-08 12:35 (71)	20		10 - 43
	Basophils (10^9/L)	Screening	2020-06-25 09:32 (-5)	0.04		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081123	Basophils (10^9/L)	Unscheduled	2020-07-29 13:20 (30)	0.03		0 - 0.3
		Day 29	2020-08-11 11:38 (43)	0.07		0 - 0.3
		Day 57	2020-09-08 12:35 (71)	0.06		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-25 09:32 (-5)	1.0		0 - 3
		Unscheduled	2020-07-29 13:20 (30)	0.3		0 - 3
		Day 29	2020-08-11 11:38 (43)	1.5		0 - 3
		Day 57	2020-09-08 12:35 (71)	0.8		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-25 09:32 (-5)	4.8		- 18.8
		Day 29	2020-08-11 11:38 (43)	8.4		- 18.8
		Day 57	2020-09-08 12:35 (71)	8.4		- 18.8
	Creatinine (umol/L)	Screening	2020-06-25 09:32 (-5)	62		62 - 124
		Day 29	2020-08-11 11:38 (43)	71		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081123	Creatinine (umol/L)	Day 57	2020-09-08 12:35 (71)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-25 09:32 (-5)	<3.4		0 - 6.8
		Day 29	2020-08-11 11:38 (43)	3.9		0 - 6.8
		Day 57	2020-09-08 12:35 (71)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-25 09:32 (-5)	0.15		0 - 0.8
		Unscheduled	2020-07-29 13:20 (30)	0.06		0 - 0.8
		Day 29	2020-08-11 11:38 (43)	0.14		0 - 0.8
		Day 57	2020-09-08 12:35 (71)	0.13		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-25 09:32 (-5)	3.9		0 - 7
		Unscheduled	2020-07-29 13:20 (30)	0.6		0 - 7
		Day 29	2020-08-11 11:38 (43)	2.9		0 - 7
		Day 57	2020-09-08 12:35 (71)	1.7		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081123	Erythrocytes (10^12/L)	Screening	2020-06-25 09:32 (-5)	4.28 (L)		4.63 - 6.08
		Unscheduled	2020-07-29 13:20 (30)	3.97 (L)		4.63 - 6.08
		Day 29	2020-08-11 11:38 (43)	3.63 (L)		4.63 - 6.08
		Day 57	2020-09-08 12:35 (71)	4.08 (L)		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-25 09:32 (-5)	0.438		0.37 - 0.51
		Unscheduled	2020-07-29 13:20 (30)	0.388		0.37 - 0.51
		Day 29	2020-08-11 11:38 (43)	0.401		0.37 - 0.51
		Day 57	2020-09-08 12:35 (71)	0.414		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-25 09:32 (-5)	137		125 - 170
		Unscheduled	2020-07-29 13:20 (30)	126	G1 Hemoglobin Decreased	125 - 170
		Day 29	2020-08-11 11:38 (43)	115 (L)	G3 Hemoglobin Decreased	125 - 170
		Day 57	2020-09-08 12:35 (71)	130	G1 Hemoglobin Decreased	125 - 170

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081123	Immature Granulocytes (10^9/L)	Screening	2020-06-25 09:32 (-5)	<0.03		0 - 0.07
		Unscheduled	2020-07-29 13:20 (30)	0.05		0 - 0.07
		Day 29	2020-08-11 11:38 (43)	0.04		0 - 0.07
		Day 57	2020-09-08 12:35 (71)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-25 09:32 (-5)	0.3		0 - 1
		Unscheduled	2020-07-29 13:20 (30)	0.5		0 - 1
		Day 29	2020-08-11 11:38 (43)	0.8		0 - 1
		Day 57	2020-09-08 12:35 (71)	0.1		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-25 09:32 (-5)	3.82		3.7 - 11
		Unscheduled	2020-07-29 13:20 (30)	10.34		3.7 - 11
		Day 29	2020-08-11 11:38 (43)	4.81		3.7 - 11
		Day 57	2020-09-08 12:35 (71)	7.44		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081123	Lymphocytes (10^9/L)	Screening	2020-06-25 09:32 (-5)	1.37		0.9 - 3.6
		Unscheduled	2020-07-29 13:20 (30)	0.54 (L)	G2 Lymphocytes Decreased	0.9 - 3.6
		Day 29	2020-08-11 11:38 (43)	1.11		0.9 - 3.6
		Day 57	2020-09-08 12:35 (71)	1.20		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-25 09:32 (-5)	35.9		12 - 46
		Unscheduled	2020-07-29 13:20 (30)	5.2 (L)		12 - 46
		Day 29	2020-08-11 11:38 (43)	23.1		12 - 46
		Day 57	2020-09-08 12:35 (71)	16.1		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-25 09:32 (-5)	0.45		0 - 1.2
		Unscheduled	2020-07-29 13:20 (30)	0.70		0 - 1.2
		Day 29	2020-08-11 11:38 (43)	0.46		0 - 1.2
		Day 57	2020-09-08 12:35 (71)	0.46		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081123	Monocytes/Leukocytes (%)	Screening	2020-06-25 09:32 (-5)	11.8 (H)		0 - 11
		Unscheduled	2020-07-29 13:20 (30)	6.8		0 - 11
		Day 29	2020-08-11 11:38 (43)	9.6		0 - 11
		Day 57	2020-09-08 12:35 (71)	6.2		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-25 09:32 (-5)	1.80	G1 Neutrophils Decreased	1.7 - 7.9
		Unscheduled	2020-07-29 13:20 (30)	8.96 (H)		1.7 - 7.9
		Day 29	2020-08-11 11:38 (43)	2.99		1.7 - 7.9
		Day 57	2020-09-08 12:35 (71)	5.58		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-25 09:32 (-5)	47.1		34 - 71
		Unscheduled	2020-07-29 13:20 (30)	86.6 (H)		34 - 71
		Day 29	2020-08-11 11:38 (43)	62.1		34 - 71
		Day 57	2020-09-08 12:35 (71)	75.1 (H)		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081123	Platelets (10^9/L)	Screening	2020-06-25 09:32 (-5)	217		163 - 375
		Unscheduled	2020-07-29 13:20 (30)	242		163 - 375
		Day 29	2020-08-11 11:38 (43)	901 (H)		163 - 375
		Day 57	2020-09-08 12:35 (71)	213		163 - 375
	Platelets, Estimated	Day 29	2020-08-11 11:38 (43)	INCREASED		
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-25 09:32 (-5)	1.0		0.9 - 1.1
		Day 29	2020-08-11 11:38 (43)	1.0		0.9 - 1.1
		Day 57	2020-09-08 12:35 (71)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-25 09:32 (-5)	11.5		9.4 - 12.5
		Day 29	2020-08-11 11:38 (43)	12.3		9.4 - 12.5
		Day 57	2020-09-08 12:35 (71)	11.3		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-25 09:32 (-5)	6.43		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081123	Urea Nitrogen (mmol/L)	Day 29	2020-08-11 11:38 (43)	9.28 (H)	G1 Blood Urea Nitrogen Increased	1.78 - 7.14
		Day 57	2020-09-08 12:35 (71)	7.85 (H)		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-25 09:32 (-5)	25.7		7.8 - 26.7
		Day 29	2020-08-11 11:38 (43)	32.5 (H)		7.8 - 26.7
		Day 57	2020-09-08 12:35 (71)	36.7 (H)		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011004	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-26 13:15 (-6)	31.7		25.1 - 36.5
		Day 29	2020-06-29 09:40 (29)	34.6		25.1 - 36.5
		Day 57	2020-07-27 11:11 (29)	28.3		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-05-26 13:15 (-6)	9 (L)		10 - 33
		Day 29	2020-06-29 09:40 (29)	13		10 - 33
		Day 57	2020-07-27 11:11 (29)	10		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-26 13:15 (-6)	59		30 - 115
		Day 29	2020-06-29 09:40 (29)	57		30 - 115
		Day 57	2020-07-27 11:11 (29)	60		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-26 13:15 (-6)	18		10 - 36
		Day 29	2020-06-29 09:40 (29)	17		10 - 36
		Day 57	2020-07-27 11:11 (29)	19		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011004	Basophils (10^9/L)	Screening	2020-05-26 13:15 (-6)	<0.03		0 - 0.3
		Day 29	2020-06-29 09:40 (29)	0.03		0 - 0.3
		Day 57	2020-07-27 11:11 (29)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-26 13:15 (-6)	0.4		0 - 3
		Day 29	2020-06-29 09:40 (29)	0.7		0 - 3
		Day 57	2020-07-27 11:11 (29)	0.6		0 - 3
	Bilirubin (umol/L)	Screening	2020-05-26 13:15 (-6)	5.5		- 18.8
		Day 29	2020-06-29 09:40 (29)	6.2		- 18.8
		Day 57	2020-07-27 11:11 (29)	5.0		- 18.8
	Creatinine (umol/L)	Screening	2020-05-26 13:15 (-6)	53 (L)		62 - 124
		Day 29	2020-06-29 09:40 (29)	44 (L)		62 - 124
		Day 57	2020-07-27 11:11 (29)	53 (L)		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011004	Direct Bilirubin (umol/L)	Screening	2020-05-26 13:15 (-6)	<3.4		0 - 6.8
		Day 29	2020-06-29 09:40 (29)	<3.4		0 - 6.8
		Day 57	2020-07-27 11:11 (29)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-05-26 13:15 (-6)	0.04		0 - 0.8
		Day 29	2020-06-29 09:40 (29)	0.04		0 - 0.8
		Day 57	2020-07-27 11:11 (29)	0.08		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-26 13:15 (-6)	0.7		0 - 7
		Day 29	2020-06-29 09:40 (29)	0.9		0 - 7
		Day 57	2020-07-27 11:11 (29)	1.5		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-26 13:15 (-6)	4.89		3.7 - 5.2
		Day 29	2020-06-29 09:40 (29)	4.70		3.7 - 5.2
		Day 57	2020-07-27 11:11 (29)	4.80		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011004	Hematocrit (L/L)	Screening	2020-05-26 13:15 (-6)	0.469		0.33 - 0.47
		Day 29	2020-06-29 09:40 (29)	0.457		0.33 - 0.47
		Day 57	2020-07-27 11:11 (29)	0.467		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-26 13:15 (-6)	144		110 - 155
		Day 29	2020-06-29 09:40 (29)	135	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-07-27 11:11 (29)	139	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-26 13:15 (-6)	<0.03		0 - 0.07
		Day 29	2020-06-29 09:40 (29)	<0.03		0 - 0.07
		Day 57	2020-07-27 11:11 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-26 13:15 (-6)	0.0		0 - 1
		Day 29	2020-06-29 09:40 (29)	0.2		0 - 1
		Day 57	2020-07-27 11:11 (29)	0.2		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011004	Leukocytes (10^9/L)	Screening	2020-05-26 13:15 (-6)	5.46		3.7 - 11
		Day 29	2020-06-29 09:40 (29)	4.27		3.7 - 11
		Day 57	2020-07-27 11:11 (29)	5.24		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-26 13:15 (-6)	2.35		0.9 - 3.6
		Day 29	2020-06-29 09:40 (29)	1.97		0.9 - 3.6
		Day 57	2020-07-27 11:11 (29)	2.29		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-26 13:15 (-6)	43.0		12 - 46
		Day 29	2020-06-29 09:40 (29)	46.1 (H)		12 - 46
		Day 57	2020-07-27 11:11 (29)	43.7		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-26 13:15 (-6)	0.40		0 - 1.2
		Day 29	2020-06-29 09:40 (29)	0.38		0 - 1.2
		Day 57	2020-07-27 11:11 (29)	0.40		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011004	Monocytes/Leukocytes (%)	Screening	2020-05-26 13:15 (-6)	7.3		0 - 11
		Day 29	2020-06-29 09:40 (29)	8.9		0 - 11
		Day 57	2020-07-27 11:11 (29)	7.6		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-26 13:15 (-6)	2.65		1.7 - 7.9
		Day 29	2020-06-29 09:40 (29)	1.84	G1 Neutrophils Decreased	1.7 - 7.9
		Day 57	2020-07-27 11:11 (29)	2.43		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-26 13:15 (-6)	48.6		34 - 71
		Day 29	2020-06-29 09:40 (29)	43.2		34 - 71
		Day 57	2020-07-27 11:11 (29)	46.4		34 - 71
	Platelets (10^9/L)	Screening	2020-05-26 13:15 (-6)	238		163 - 375
		Day 29	2020-06-29 09:40 (29)	379 (H)		163 - 375
		Day 57	2020-07-27 11:11 (29)	275		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011004	Prothrombin Intl. Normalized Ratio	Screening	2020-05-26 13:15 (-6)	1.0		0.9 - 1.1
		Day 29	2020-06-29 09:40 (29)	0.9		0.9 - 1.1
		Day 57	2020-07-27 11:11 (29)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-26 13:15 (-6)	11.2		9.4 - 12.5
		Day 29	2020-06-29 09:40 (29)	10.9		9.4 - 12.5
		Day 57	2020-07-27 11:11 (29)	11.2		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-05-26 13:15 (-6)	2.50		1.78 - 7.14
		Day 29	2020-06-29 09:40 (29)	2.86		1.78 - 7.14
		Day 57	2020-07-27 11:11 (29)	3.21		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-26 13:15 (-6)	11.7		7.8 - 26.7
		Day 29	2020-06-29 09:40 (29)	16.0		7.8 - 26.7
		Day 57	2020-07-27 11:11 (29)	15.0		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011009	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-26 15:08 (-6)	28.3		25.1 - 36.5
		Day 29	2020-06-29 15:06 (29)	31.1		25.1 - 36.5
		Day 57	2020-07-27 11:35 (29)	26.5		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-05-26 15:08 (-6)	18		10 - 33
		Day 29	2020-06-29 15:06 (29)	15		10 - 33
		Day 57	2020-07-27 11:35 (29)	18		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-26 15:08 (-6)	83		30 - 115
		Day 29	2020-06-29 15:06 (29)	78		30 - 115
		Day 57	2020-07-27 11:35 (29)	92		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-26 15:08 (-6)	23		10 - 36
		Day 29	2020-06-29 15:06 (29)	22		10 - 36
		Day 57	2020-07-27 11:35 (29)	25		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011009	Basophils (10^9/L)	Screening	2020-05-26 15:08 (-6)	0.06		0 - 0.3
		Day 29	2020-06-29 15:06 (29)	0.06		0 - 0.3
		Day 57	2020-07-27 11:35 (29)	0.07		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-26 15:08 (-6)	1.0		0 - 3
		Day 29	2020-06-29 15:06 (29)	0.9		0 - 3
		Day 57	2020-07-27 11:35 (29)	1.1		0 - 3
	Bilirubin (umol/L)	Screening	2020-05-26 15:08 (-6)	2.9		- 18.8
		Day 29	2020-06-29 15:06 (29)	3.1		- 18.8
		Day 57	2020-07-27 11:35 (29)	3.2		- 18.8
	Creatinine (umol/L)	Screening	2020-05-26 15:08 (-6)	62		62 - 124
		Day 29	2020-06-29 15:06 (29)	71		62 - 124
		Day 57	2020-07-27 11:35 (29)	71		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011009	Direct Bilirubin (umol/L)	Screening	2020-05-26 15:08 (-6)	<3.4		0 - 6.8
		Day 29	2020-06-29 15:06 (29)	<3.4		0 - 6.8
		Day 57	2020-07-27 11:35 (29)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-05-26 15:08 (-6)	0.09		0 - 0.8
		Day 29	2020-06-29 15:06 (29)	0.06		0 - 0.8
		Day 57	2020-07-27 11:35 (29)	0.11		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-26 15:08 (-6)	1.6		0 - 7
		Day 29	2020-06-29 15:06 (29)	0.9		0 - 7
		Day 57	2020-07-27 11:35 (29)	1.7		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-26 15:08 (-6)	4.81		3.7 - 5.2
		Day 29	2020-06-29 15:06 (29)	4.31		3.7 - 5.2
		Day 57	2020-07-27 11:35 (29)	4.69		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011009	Hematocrit (L/L)	Screening	2020-05-26 15:08 (-6)	0.444		0.33 - 0.47
		Day 29	2020-06-29 15:06 (29)	0.405		0.33 - 0.47
		Day 57	2020-07-27 11:35 (29)	0.440		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-26 15:08 (-6)	142		110 - 155
		Day 29	2020-06-29 15:06 (29)	129	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-07-27 11:35 (29)	139	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-26 15:08 (-6)	<0.03		0 - 0.07
		Day 29	2020-06-29 15:06 (29)	<0.03		0 - 0.07
		Day 57	2020-07-27 11:35 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-26 15:08 (-6)	0.3		0 - 1
		Day 29	2020-06-29 15:06 (29)	0.3		0 - 1
		Day 57	2020-07-27 11:35 (29)	0.2		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011009	Leukocytes (10^9/L)	Screening	2020-05-26 15:08 (-6)	5.74		3.7 - 11
		Day 29	2020-06-29 15:06 (29)	6.82		3.7 - 11
		Day 57	2020-07-27 11:35 (29)	6.59		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-26 15:08 (-6)	1.80		0.9 - 3.6
		Day 29	2020-06-29 15:06 (29)	1.79		0.9 - 3.6
		Day 57	2020-07-27 11:35 (29)	1.89		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-26 15:08 (-6)	31.4		12 - 46
		Day 29	2020-06-29 15:06 (29)	26.2		12 - 46
		Day 57	2020-07-27 11:35 (29)	28.7		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-26 15:08 (-6)	0.54		0 - 1.2
		Day 29	2020-06-29 15:06 (29)	0.45		0 - 1.2
		Day 57	2020-07-27 11:35 (29)	0.61		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011009	Monocytes/Leukocytes (%)	Screening	2020-05-26 15:08 (-6)	9.4		0 - 11
		Day 29	2020-06-29 15:06 (29)	6.6		0 - 11
		Day 57	2020-07-27 11:35 (29)	9.3		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-26 15:08 (-6)	3.23		1.7 - 7.9
		Day 29	2020-06-29 15:06 (29)	4.44		1.7 - 7.9
		Day 57	2020-07-27 11:35 (29)	3.90		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-26 15:08 (-6)	56.3		34 - 71
		Day 29	2020-06-29 15:06 (29)	65.1		34 - 71
		Day 57	2020-07-27 11:35 (29)	59.0		34 - 71
	Platelets (10^9/L)	Screening	2020-05-26 15:08 (-6)	318		163 - 375
		Day 29	2020-06-29 15:06 (29)	287		163 - 375
		Day 57	2020-07-27 11:35 (29)	328		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011009	Prothrombin Intl. Normalized Ratio	Screening	2020-05-26 15:08 (-6)	0.8 (L)		0.9 - 1.1
		Day 29	2020-06-29 15:06 (29)	0.9		0.9 - 1.1
		Day 57	2020-07-27 11:35 (29)	0.8 (L)		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-26 15:08 (-6)	9.7		9.4 - 12.5
		Day 29	2020-06-29 15:06 (29)	10.0		9.4 - 12.5
		Day 57	2020-07-27 11:35 (29)	9.6		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-05-26 15:08 (-6)	4.64		1.78 - 7.14
		Day 29	2020-06-29 15:06 (29)	5.00		1.78 - 7.14
		Day 57	2020-07-27 11:35 (29)	4.64		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-26 15:08 (-6)	18.6		7.8 - 26.7
		Day 29	2020-06-29 15:06 (29)	17.5		7.8 - 26.7
		Day 57	2020-07-27 11:35 (29)	16.2		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011028	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-27 09:34 (-5)	26.4		25.1 - 36.5
		Day 29	2020-06-29 07:55 (29)	27.6		25.1 - 36.5
		Day 57	2020-07-27 07:25 (29)	25.4		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-05-27 09:34 (-5)	29		10 - 40
		Day 29	2020-06-29 07:55 (29)	25		10 - 40
		Day 57	2020-07-27 07:25 (29)	26		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-05-27 09:34 (-5)	55		43 - 115
		Day 29	2020-06-29 07:55 (29)	58		43 - 115
		Day 57	2020-07-27 07:25 (29)	59		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-27 09:34 (-5)	37		10 - 43
		Day 29	2020-06-29 07:55 (29)	39		10 - 43
		Day 57	2020-07-27 07:25 (29)	34		10 - 43

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011028	Basophils (10^9/L)	Screening	2020-05-27 09:34 (-5)	0.07		0 - 0.3
		Day 29	2020-06-29 07:55 (29)	0.06		0 - 0.3
		Day 57	2020-07-27 07:25 (29)	0.06		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-27 09:34 (-5)	1.1		0 - 3
		Day 29	2020-06-29 07:55 (29)	1.0		0 - 3
		Day 57	2020-07-27 07:25 (29)	1.0		0 - 3
	Bilirubin (umol/L)	Screening	2020-05-27 09:34 (-5)	7.0		- 18.8
		Day 29	2020-06-29 07:55 (29)	5.5		- 18.8
		Day 57	2020-07-27 07:25 (29)	4.3		- 18.8
	Creatinine (umol/L)	Screening	2020-05-27 09:34 (-5)	71		62 - 124
		Day 29	2020-06-29 07:55 (29)	71		62 - 124
		Day 57	2020-07-27 07:25 (29)	80		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011028	Direct Bilirubin (umol/L)	Screening	2020-05-27 09:34 (-5)	<3.4		0 - 6.8
		Day 29	2020-06-29 07:55 (29)	<3.4		0 - 6.8
		Day 57	2020-07-27 07:25 (29)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-05-27 09:34 (-5)	0.24		0 - 0.8
		Day 29	2020-06-29 07:55 (29)	0.23		0 - 0.8
		Day 57	2020-07-27 07:25 (29)	0.30		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-27 09:34 (-5)	3.9		0 - 7
		Day 29	2020-06-29 07:55 (29)	3.9		0 - 7
		Day 57	2020-07-27 07:25 (29)	5.0		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-27 09:34 (-5)	4.73		4.63 - 6.08
		Day 29	2020-06-29 07:55 (29)	4.84		4.63 - 6.08
		Day 57	2020-07-27 07:25 (29)	4.64		4.63 - 6.08

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011028	Hematocrit (L/L)	Screening	2020-05-27 09:34 (-5)	0.462		0.37 - 0.51
		Day 29	2020-06-29 07:55 (29)	0.481		0.37 - 0.51
		Day 57	2020-07-27 07:25 (29)	0.459		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-05-27 09:34 (-5)	148		125 - 170
		Day 29	2020-06-29 07:55 (29)	149		125 - 170
		Day 57	2020-07-27 07:25 (29)	144	G1 Hemoglobin Decreased	125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-05-27 09:34 (-5)	<0.03		0 - 0.07
		Day 29	2020-06-29 07:55 (29)	<0.03		0 - 0.07
		Day 57	2020-07-27 07:25 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-27 09:34 (-5)	0.2		0 - 1
		Day 29	2020-06-29 07:55 (29)	0.2		0 - 1
		Day 57	2020-07-27 07:25 (29)	0.2		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011028	Leukocytes (10^9/L)	Screening	2020-05-27 09:34 (-5)	6.20		3.7 - 11
		Day 29	2020-06-29 07:55 (29)	5.97		3.7 - 11
		Day 57	2020-07-27 07:25 (29)	6.06		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-27 09:34 (-5)	1.36		0.9 - 3.6
		Day 29	2020-06-29 07:55 (29)	1.40		0.9 - 3.6
		Day 57	2020-07-27 07:25 (29)	1.48		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-27 09:34 (-5)	21.9		12 - 46
		Day 29	2020-06-29 07:55 (29)	23.5		12 - 46
		Day 57	2020-07-27 07:25 (29)	24.4		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-27 09:34 (-5)	0.58		0 - 1.2
		Day 29	2020-06-29 07:55 (29)	0.45		0 - 1.2
		Day 57	2020-07-27 07:25 (29)	0.56		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011028	Monocytes/Leukocytes (%)	Screening	2020-05-27 09:34 (-5)	9.4		0 - 11
		Day 29	2020-06-29 07:55 (29)	7.5		0 - 11
		Day 57	2020-07-27 07:25 (29)	9.2		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-27 09:34 (-5)	3.94		1.7 - 7.9
		Day 29	2020-06-29 07:55 (29)	3.82		1.7 - 7.9
		Day 57	2020-07-27 07:25 (29)	3.65		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-27 09:34 (-5)	63.5		34 - 71
		Day 29	2020-06-29 07:55 (29)	63.9		34 - 71
		Day 57	2020-07-27 07:25 (29)	60.2		34 - 71
	Platelets (10^9/L)	Screening	2020-05-27 09:34 (-5)	258		163 - 375
		Day 29	2020-06-29 07:55 (29)	269		163 - 375
		Day 57	2020-07-27 07:25 (29)	267		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011028	Prothrombin Intl. Normalized Ratio	Screening	2020-05-27 09:34 (-5)	1.0		0.9 - 1.1
		Day 29	2020-06-29 07:55 (29)	1.0		0.9 - 1.1
		Day 57	2020-07-27 07:25 (29)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-27 09:34 (-5)	11.2		9.4 - 12.5
		Day 29	2020-06-29 07:55 (29)	11.1		9.4 - 12.5
		Day 57	2020-07-27 07:25 (29)	10.8		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-05-27 09:34 (-5)	6.07		1.78 - 7.14
		Day 29	2020-06-29 07:55 (29)	3.57		1.78 - 7.14
		Day 57	2020-07-27 07:25 (29)	5.00		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-27 09:34 (-5)	21.2		7.8 - 26.7
		Day 29	2020-06-29 07:55 (29)	12.5		7.8 - 26.7
		Day 57	2020-07-27 07:25 (29)	15.6		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011113	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-12 11:19 (-20)	35.9		25.1 - 36.5
		Day 29	2020-07-30 11:46 (29)	33.4		25.1 - 36.5
		Day 57	2020-08-31 09:50 (33)	30.3		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-12 11:19 (-20)	22		10 - 33
		Day 29	2020-07-30 11:46 (29)	29		10 - 33
		Day 57	2020-08-31 09:50 (33)	34 (H)		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-12 11:19 (-20)	82		30 - 115
		Day 29	2020-07-30 11:46 (29)	92		30 - 115
		Day 57	2020-08-31 09:50 (33)	96		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-12 11:19 (-20)	25		10 - 36
		Day 29	2020-07-30 11:46 (29)	23		10 - 36
		Day 57	2020-08-31 09:50 (33)	31		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011113	Basophils (10^9/L)	Screening	2020-06-12 11:19 (-20)	0.06		0 - 0.3
		Day 29	2020-07-30 11:46 (29)	0.05		0 - 0.3
		Day 57	2020-08-31 09:50 (33)	0.05		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-12 11:19 (-20)	0.9		0 - 3
		Day 29	2020-07-30 11:46 (29)	0.8		0 - 3
		Day 57	2020-08-31 09:50 (33)	0.9		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-12 11:19 (-20)	5.6		- 18.8
		Day 29	2020-07-30 11:46 (29)	5.1		- 18.8
		Day 57	2020-08-31 09:50 (33)	<2.6		- 18.8
	Creatinine (umol/L)	Screening	2020-06-12 11:19 (-20)	53 (L)		62 - 124
		Day 29	2020-07-30 11:46 (29)	53 (L)		62 - 124
		Day 57	2020-08-31 09:50 (33)	53 (L)		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011113	Direct Bilirubin (umol/L)	Screening	2020-06-12 11:19 (-20)	<3.4		0 - 6.8
		Day 29	2020-07-30 11:46 (29)	<3.4		0 - 6.8
		Day 57	2020-08-31 09:50 (33)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-12 11:19 (-20)	0.16		0 - 0.8
		Day 29	2020-07-30 11:46 (29)	0.09		0 - 0.8
		Day 57	2020-08-31 09:50 (33)	0.20		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-12 11:19 (-20)	2.5		0 - 7
		Day 29	2020-07-30 11:46 (29)	1.4		0 - 7
		Day 57	2020-08-31 09:50 (33)	3.6		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-12 11:19 (-20)	4.89		3.7 - 5.2
		Day 29	2020-07-30 11:46 (29)	5.22 (H)		3.7 - 5.2
		Day 57	2020-08-31 09:50 (33)	4.90		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011113	Hematocrit (L/L)	Screening	2020-06-12 11:19 (-20)	0.484 (H)		0.33 - 0.47
		Day 29	2020-07-30 11:46 (29)	0.507 (H)		0.33 - 0.47
		Day 57	2020-08-31 09:50 (33)	0.487 (H)		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-12 11:19 (-20)	153		110 - 155
		Day 29	2020-07-30 11:46 (29)	159 (H)		110 - 155
		Day 57	2020-08-31 09:50 (33)	148	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-12 11:19 (-20)	<0.03		0 - 0.07
		Day 29	2020-07-30 11:46 (29)	<0.03		0 - 0.07
		Day 57	2020-08-31 09:50 (33)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-12 11:19 (-20)	0.2		0 - 1
		Day 29	2020-07-30 11:46 (29)	0.2		0 - 1
		Day 57	2020-08-31 09:50 (33)	0.2		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011113	Leukocytes (10^9/L)	Screening	2020-06-12 11:19 (-20)	6.41		3.7 - 11
		Day 29	2020-07-30 11:46 (29)	6.21		3.7 - 11
		Day 57	2020-08-31 09:50 (33)	5.50		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-12 11:19 (-20)	2.15		0.9 - 3.6
		Day 29	2020-07-30 11:46 (29)	1.75		0.9 - 3.6
		Day 57	2020-08-31 09:50 (33)	1.89		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-12 11:19 (-20)	33.5		12 - 46
		Day 29	2020-07-30 11:46 (29)	28.2		12 - 46
		Day 57	2020-08-31 09:50 (33)	34.4		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-12 11:19 (-20)	0.40		0 - 1.2
		Day 29	2020-07-30 11:46 (29)	0.34		0 - 1.2
		Day 57	2020-08-31 09:50 (33)	0.34		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011113	Monocytes/Leukocytes (%)	Screening	2020-06-12 11:19 (-20)	6.2		0 - 11
		Day 29	2020-07-30 11:46 (29)	5.5		0 - 11
		Day 57	2020-08-31 09:50 (33)	6.2		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-12 11:19 (-20)	3.63		1.7 - 7.9
		Day 29	2020-07-30 11:46 (29)	3.97		1.7 - 7.9
		Day 57	2020-08-31 09:50 (33)	3.01		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-12 11:19 (-20)	56.7		34 - 71
		Day 29	2020-07-30 11:46 (29)	63.9		34 - 71
		Day 57	2020-08-31 09:50 (33)	54.7		34 - 71
	Platelets (10^9/L)	Screening	2020-06-12 11:19 (-20)	216		163 - 375
		Day 29	2020-07-30 11:46 (29)	198		163 - 375
		Day 57	2020-08-31 09:50 (33)	226		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011113	Prothrombin Intl. Normalized Ratio	Screening	2020-06-12 11:19 (-20)	0.9		0.9 - 1.1
		Day 29	2020-07-30 11:46 (29)	1.0		0.9 - 1.1
		Day 57	2020-08-31 09:50 (33)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-12 11:19 (-20)	10.9		9.4 - 12.5
		Day 29	2020-07-30 11:46 (29)	12.1		9.4 - 12.5
		Day 57	2020-08-31 09:50 (33)	11.3		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-12 11:19 (-20)	4.64		1.78 - 7.14
		Day 29	2020-07-30 11:46 (29)	5.35		1.78 - 7.14
		Day 57	2020-08-31 09:50 (33)	4.28		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-12 11:19 (-20)	21.7		7.8 - 26.7
		Day 29	2020-07-30 11:46 (29)	25.0		7.8 - 26.7
		Day 57	2020-08-31 09:50 (33)	20.0		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011118	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-12 16:05 (-14)	30.8		25.1 - 36.5
		Day 29	2020-07-24 07:37 (29)	33.8		25.1 - 36.5
		Day 57	2020-08-21 18:19 (29)	29.7		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-12 16:05 (-14)	13		10 - 33
		Day 29	2020-07-24 07:37 (29)	10		10 - 33
		Day 57	2020-08-21 18:19 (29)	15		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-12 16:05 (-14)	72		30 - 115
		Day 29	2020-07-24 07:37 (29)	66		30 - 115
		Day 57	2020-08-21 18:19 (29)	79		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-12 16:05 (-14)	20		10 - 36
		Day 29	2020-07-24 07:37 (29)	18		10 - 36
		Day 57	2020-08-21 18:19 (29)	21		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011118	Basophils (10^9/L)	Screening	2020-06-12 16:05 (-14)	<0.03		0 - 0.3
		Day 29	2020-07-24 07:37 (29)	0.03		0 - 0.3
		Day 57	2020-08-21 18:19 (29)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-12 16:05 (-14)	0.3		0 - 3
		Day 29	2020-07-24 07:37 (29)	0.7		0 - 3
		Day 57	2020-08-21 18:19 (29)	0.7		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-12 16:05 (-14)	6.2		- 18.8
		Day 29	2020-07-24 07:37 (29)	4.8		- 18.8
		Day 57	2020-08-21 18:19 (29)	3.4		- 18.8
	Creatinine (umol/L)	Screening	2020-06-12 16:05 (-14)	71		62 - 124
		Day 29	2020-07-24 07:37 (29)	71		62 - 124
		Day 57	2020-08-21 18:19 (29)	62		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011118	Direct Bilirubin (umol/L)	Screening	2020-06-12 16:05 (-14)	<3.4		0 - 6.8
		Day 29	2020-07-24 07:37 (29)	<3.4		0 - 6.8
		Day 57	2020-08-21 18:19 (29)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-12 16:05 (-14)	0.12		0 - 0.8
		Day 29	2020-07-24 07:37 (29)	0.16		0 - 0.8
		Day 57	2020-08-21 18:19 (29)	0.19		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-12 16:05 (-14)	2.0		0 - 7
		Day 29	2020-07-24 07:37 (29)	3.5		0 - 7
		Day 57	2020-08-21 18:19 (29)	3.2		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-12 16:05 (-14)	3.90		3.7 - 5.2
		Day 29	2020-07-24 07:37 (29)	3.71		3.7 - 5.2
		Day 57	2020-08-21 18:19 (29)	3.59 (L)		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011118	Hematocrit (L/L)	Screening	2020-06-12 16:05 (-14)	0.387		0.33 - 0.47
		Day 29	2020-07-24 07:37 (29)	0.387		0.33 - 0.47
		Day 57	2020-08-21 18:19 (29)	0.356		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-12 16:05 (-14)	119	G1 Hemoglobin Decreased	110 - 155
		Day 29	2020-07-24 07:37 (29)	114	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-21 18:19 (29)	109 (L)	G2 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-12 16:05 (-14)	<0.03		0 - 0.07
		Day 29	2020-07-24 07:37 (29)	<0.03		0 - 0.07
		Day 57	2020-08-21 18:19 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-12 16:05 (-14)	0.2		0 - 1
		Day 29	2020-07-24 07:37 (29)	0.2		0 - 1
		Day 57	2020-08-21 18:19 (29)	0.2		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011118	Leukocytes (10^9/L)	Screening	2020-06-12 16:05 (-14)	6.11		3.7 - 11
		Day 29	2020-07-24 07:37 (29)	4.59		3.7 - 11
		Day 57	2020-08-21 18:19 (29)	6.03		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-12 16:05 (-14)	2.09		0.9 - 3.6
		Day 29	2020-07-24 07:37 (29)	1.68		0.9 - 3.6
		Day 57	2020-08-21 18:19 (29)	2.49		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-12 16:05 (-14)	34.2		12 - 46
		Day 29	2020-07-24 07:37 (29)	36.6		12 - 46
		Day 57	2020-08-21 18:19 (29)	41.3		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-12 16:05 (-14)	0.49		0 - 1.2
		Day 29	2020-07-24 07:37 (29)	0.39		0 - 1.2
		Day 57	2020-08-21 18:19 (29)	0.54		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011118	Monocytes/Leukocytes (%)	Screening	2020-06-12 16:05 (-14)	8.0		0 - 11
		Day 29	2020-07-24 07:37 (29)	8.5		0 - 11
		Day 57	2020-08-21 18:19 (29)	9.0		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-12 16:05 (-14)	3.38		1.7 - 7.9
		Day 29	2020-07-24 07:37 (29)	2.32		1.7 - 7.9
		Day 57	2020-08-21 18:19 (29)	2.76		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-12 16:05 (-14)	55.3		34 - 71
		Day 29	2020-07-24 07:37 (29)	50.5		34 - 71
		Day 57	2020-08-21 18:19 (29)	45.6		34 - 71
	Platelets (10^9/L)	Screening	2020-06-12 16:05 (-14)	224		163 - 375
		Day 29	2020-07-24 07:37 (29)	249		163 - 375
		Day 57	2020-08-21 18:19 (29)	279		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011118	Prothrombin Intl. Normalized Ratio	Screening	2020-06-12 16:05 (-14)	1.0		0.9 - 1.1
		Day 29	2020-07-24 07:37 (29)	1.0		0.9 - 1.1
		Day 57	2020-08-21 18:19 (29)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-12 16:05 (-14)	11.5		9.4 - 12.5
		Day 29	2020-07-24 07:37 (29)	11.9		9.4 - 12.5
		Day 57	2020-08-21 18:19 (29)	12.0		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-12 16:05 (-14)	5.71		1.78 - 7.14
		Day 29	2020-07-24 07:37 (29)	5.35		1.78 - 7.14
		Day 57	2020-08-21 18:19 (29)	6.07		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-12 16:05 (-14)	20.0		7.8 - 26.7
		Day 29	2020-07-24 07:37 (29)	18.8		7.8 - 26.7
		Day 57	2020-08-21 18:19 (29)	24.3		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011121	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-15 14:13 (-17)	29.8		25.1 - 36.5
		Day 29	2020-07-30 14:12 (29)	28.6		25.1 - 36.5
		Day 57	2020-08-28 10:19 (30)	38.7 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-15 14:13 (-17)	23		10 - 33
		Day 29	2020-07-30 14:12 (29)	25		10 - 33
		Day 57	2020-08-28 10:19 (30)	23		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-15 14:13 (-17)	72		30 - 115
		Day 29	2020-07-30 14:12 (29)	76		30 - 115
		Day 57	2020-08-28 10:19 (30)	75		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-15 14:13 (-17)	22		10 - 36
		Day 29	2020-07-30 14:12 (29)	22		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011121	Aspartate Aminotransferase (U/L)	Day 57	2020-08-28 10:19 (30)	22		10 - 36
	Basophils (10^9/L)	Screening	2020-06-15 14:13 (-17)	0.05		0 - 0.3
		Day 29	2020-07-30 14:12 (29)	0.07		0 - 0.3
		Day 57	2020-08-28 10:19 (30)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-15 14:13 (-17)	0.8		0 - 3
		Day 29	2020-07-30 14:12 (29)	1.0		0 - 3
		Day 57	2020-08-28 10:19 (30)	0.7		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-15 14:13 (-17)	2.7		- 18.8
		Day 29	2020-07-30 14:12 (29)	2.9		- 18.8
		Day 57	2020-08-28 10:19 (30)	5.3		- 18.8
	Creatinine (umol/L)	Screening	2020-06-15 14:13 (-17)	53 (L)		62 - 124
		Day 29	2020-07-30 14:12 (29)	71		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011121	Creatinine (umol/L)	Day 57	2020-08-28 10:19 (30)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-15 14:13 (-17)	<3.4		0 - 6.8
		Day 29	2020-07-30 14:12 (29)	<3.4		0 - 6.8
		Day 57	2020-08-28 10:19 (30)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-15 14:13 (-17)	0.19		0 - 0.8
		Day 29	2020-07-30 14:12 (29)	0.20		0 - 0.8
		Day 57	2020-08-28 10:19 (30)	0.22		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-15 14:13 (-17)	3.1		0 - 7
		Day 29	2020-07-30 14:12 (29)	2.8		0 - 7
		Day 57	2020-08-28 10:19 (30)	3.9		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-15 14:13 (-17)	4.72		3.7 - 5.2
		Day 29	2020-07-30 14:12 (29)	4.96		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011121	Erythrocytes (10^12/L)	Day 57	2020-08-28 10:19 (30)	5.02		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-15 14:13 (-17)	0.442		0.33 - 0.47
		Day 29	2020-07-30 14:12 (29)	0.464		0.33 - 0.47
		Day 57	2020-08-28 10:19 (30)	0.487 (H)		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-15 14:13 (-17)	135		110 - 155
		Day 29	2020-07-30 14:12 (29)	142		110 - 155
		Day 57	2020-08-28 10:19 (30)	144		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-15 14:13 (-17)	<0.03		0 - 0.07
		Day 29	2020-07-30 14:12 (29)	<0.03		0 - 0.07
		Day 57	2020-08-28 10:19 (30)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-15 14:13 (-17)	0.2		0 - 1
		Day 29	2020-07-30 14:12 (29)	0.3		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011121	Immature Granulocytes/Leukocytes (%)	Day 57	2020-08-28 10:19 (30)	0.4		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-15 14:13 (-17)	6.20		3.7 - 11
		Day 29	2020-07-30 14:12 (29)	7.15		3.7 - 11
		Day 57	2020-08-28 10:19 (30)	5.65		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-15 14:13 (-17)	2.11		0.9 - 3.6
		Day 29	2020-07-30 14:12 (29)	1.73		0.9 - 3.6
		Day 57	2020-08-28 10:19 (30)	1.84		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-15 14:13 (-17)	34.0		12 - 46
		Day 29	2020-07-30 14:12 (29)	24.2		12 - 46
		Day 57	2020-08-28 10:19 (30)	32.6		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-15 14:13 (-17)	0.52		0 - 1.2
		Day 29	2020-07-30 14:12 (29)	0.50		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011121	Monocytes (10^9/L)	Day 57	2020-08-28 10:19 (30)	0.51		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-15 14:13 (-17)	8.4		0 - 11
		Day 29	2020-07-30 14:12 (29)	7.0		0 - 11
		Day 57	2020-08-28 10:19 (30)	9.0		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-15 14:13 (-17)	3.32		1.7 - 7.9
		Day 29	2020-07-30 14:12 (29)	4.63		1.7 - 7.9
		Day 57	2020-08-28 10:19 (30)	3.02		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-15 14:13 (-17)	53.5		34 - 71
		Day 29	2020-07-30 14:12 (29)	64.7		34 - 71
		Day 57	2020-08-28 10:19 (30)	53.4		34 - 71
	Platelets (10^9/L)	Screening	2020-06-15 14:13 (-17)	183		163 - 375
		Day 29	2020-07-30 14:12 (29)	192		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011121	Platelets (10^9/L)	Day 57	2020-08-28 10:19 (30)	182		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-15 14:13 (-17)	0.9		0.9 - 1.1
		Day 29	2020-07-30 14:12 (29)	0.9		0.9 - 1.1
		Day 57	2020-08-28 10:19 (30)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-15 14:13 (-17)	10.0		9.4 - 12.5
		Day 29	2020-07-30 14:12 (29)	10.4		9.4 - 12.5
		Day 57	2020-08-28 10:19 (30)	11.8		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-15 14:13 (-17)	5.00		1.78 - 7.14
		Day 29	2020-07-30 14:12 (29)	4.64		1.78 - 7.14
		Day 57	2020-08-28 10:19 (30)	4.28		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-15 14:13 (-17)	23.3		7.8 - 26.7
		Day 29	2020-07-30 14:12 (29)	16.2		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011121	Urea Nitrogen/Creatinine	Day 57	2020-08-28 10:19 (30)	17.1		7.8 - 26.7
US2011122	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-16 15:05 (-10)	25.6		25.1 - 36.5
		Day 29	2020-07-24 07:25 (29)	27.9		25.1 - 36.5
		Day 57	2020-08-21 08:34 (29)	49.2 (H)	G2 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-16 15:05 (-10)	17		10 - 33
		Day 29	2020-07-24 07:25 (29)	11		10 - 33
		Day 57	2020-08-21 08:34 (29)	14		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-16 15:05 (-10)	62		30 - 115
		Day 29	2020-07-24 07:25 (29)	66		30 - 115
		Day 57	2020-08-21 08:34 (29)	61		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-16 15:05 (-10)	16		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011122	Aspartate Aminotransferase (U/L)	Day 29	2020-07-24 07:25 (29)	18		10 - 36
		Day 57	2020-08-21 08:34 (29)	17		10 - 36
	Basophils (10^9/L)	Screening	2020-06-16 15:05 (-10)	0.05		0 - 0.3
		Day 29	2020-07-24 07:25 (29)	0.04		0 - 0.3
		Day 57	2020-08-21 08:34 (29)	0.06		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-16 15:05 (-10)	0.7		0 - 3
		Day 29	2020-07-24 07:25 (29)	0.7		0 - 3
		Day 57	2020-08-21 08:34 (29)	0.8		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-16 15:05 (-10)	<2.6		- 18.8
		Day 29	2020-07-24 07:25 (29)	2.7		- 18.8
		Day 57	2020-08-21 08:34 (29)	<2.6		- 18.8
	Creatinine (umol/L)	Screening	2020-06-16 15:05 (-10)	53 (L)		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011122	Creatinine (umol/L)	Day 29	2020-07-24 07:25 (29)	53 (L)		62 - 124
		Day 57	2020-08-21 08:34 (29)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-16 15:05 (-10)	<3.4		0 - 6.8
		Day 29	2020-07-24 07:25 (29)	<3.4		0 - 6.8
		Day 57	2020-08-21 08:34 (29)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-16 15:05 (-10)	0.25		0 - 0.8
		Day 29	2020-07-24 07:25 (29)	0.47		0 - 0.8
		Day 57	2020-08-21 08:34 (29)	0.36		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-16 15:05 (-10)	3.3		0 - 7
		Day 29	2020-07-24 07:25 (29)	8.2 (H)		0 - 7
		Day 57	2020-08-21 08:34 (29)	4.8		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-16 15:05 (-10)	4.57		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011122	Erythrocytes (10^12/L)	Day 29	2020-07-24 07:25 (29)	4.67		3.7 - 5.2
		Day 57	2020-08-21 08:34 (29)	4.89		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-16 15:05 (-10)	0.453		0.33 - 0.47
		Day 29	2020-07-24 07:25 (29)	0.463		0.33 - 0.47
		Day 57	2020-08-21 08:34 (29)	0.489 (H)		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-16 15:05 (-10)	141		110 - 155
		Day 29	2020-07-24 07:25 (29)	140	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-21 08:34 (29)	150		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-16 15:05 (-10)	0.04		0 - 0.07
		Day 29	2020-07-24 07:25 (29)	<0.03		0 - 0.07
		Day 57	2020-08-21 08:34 (29)	0.05		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-16 15:05 (-10)	0.5		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011122	Immature Granulocytes/Leukocytes (%)	Day 29	2020-07-24 07:25 (29)	0.2		0 - 1
		Day 57	2020-08-21 08:34 (29)	0.7		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-16 15:05 (-10)	7.51		3.7 - 11
		Day 29	2020-07-24 07:25 (29)	5.74		3.7 - 11
		Day 57	2020-08-21 08:34 (29)	7.54		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-16 15:05 (-10)	1.71		0.9 - 3.6
		Day 29	2020-07-24 07:25 (29)	1.49		0.9 - 3.6
		Day 57	2020-08-21 08:34 (29)	1.62		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-16 15:05 (-10)	22.8		12 - 46
		Day 29	2020-07-24 07:25 (29)	26.0		12 - 46
		Day 57	2020-08-21 08:34 (29)	21.5		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-16 15:05 (-10)	0.98		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011122	Monocytes (10^9/L)	Day 29	2020-07-24 07:25 (29)	0.55		0 - 1.2
		Day 57	2020-08-21 08:34 (29)	0.70		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-16 15:05 (-10)	13.0 (H)		0 - 11
		Day 29	2020-07-24 07:25 (29)	9.6		0 - 11
		Day 57	2020-08-21 08:34 (29)	9.3		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-16 15:05 (-10)	4.48		1.7 - 7.9
		Day 29	2020-07-24 07:25 (29)	3.18		1.7 - 7.9
		Day 57	2020-08-21 08:34 (29)	4.75		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-16 15:05 (-10)	59.7		34 - 71
		Day 29	2020-07-24 07:25 (29)	55.3		34 - 71
		Day 57	2020-08-21 08:34 (29)	62.9		34 - 71
	Platelets (10^9/L)	Screening	2020-06-16 15:05 (-10)	333		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011122	Platelets (10^9/L)	Day 29	2020-07-24 07:25 (29)	325		163 - 375
		Day 57	2020-08-21 08:34 (29)	529 (H)		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-16 15:05 (-10)	1.0		0.9 - 1.1
		Day 29	2020-07-24 07:25 (29)	0.9		0.9 - 1.1
		Day 57	2020-08-21 08:34 (29)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-16 15:05 (-10)	11.7		9.4 - 12.5
		Day 29	2020-07-24 07:25 (29)	10.9		9.4 - 12.5
		Day 57	2020-08-21 08:34 (29)	12.0		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-16 15:05 (-10)	4.28		1.78 - 7.14
		Day 29	2020-07-24 07:25 (29)	1.43 (L)		1.78 - 7.14
		Day 57	2020-08-21 08:34 (29)	3.57		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-16 15:05 (-10)	20.0		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011122	Urea Nitrogen/Creatinine	Day 29	2020-07-24 07:25 (29)	6.7 (L)		7.8 - 26.7
		Day 57	2020-08-21 08:34 (29)	16.7		7.8 - 26.7
US2011128	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-18 11:51 (-12)	31.1		25.1 - 36.5
		Day 29	2020-07-29 10:20 (30)	28.4		25.1 - 36.5
		Day 57	2020-08-26 11:45 (29)	33.0		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-18 11:51 (-12)	14		10 - 33
		Day 29	2020-07-29 10:20 (30)	11		10 - 33
		Day 57	2020-08-26 11:45 (29)	15		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-18 11:51 (-12)	90		30 - 115
		Day 29	2020-07-29 10:20 (30)	81		30 - 115
		Day 57	2020-08-26 11:45 (29)	88		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-18 11:51 (-12)	16		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011128	Aspartate Aminotransferase (U/L)	Day 29	2020-07-29 10:20 (30)	16		10 - 36
		Day 57	2020-08-26 11:45 (29)	14		10 - 36
	Basophils (10^9/L)	Screening	2020-06-18 11:51 (-12)	0.03		0 - 0.3
		Day 29	2020-07-29 10:20 (30)	0.03		0 - 0.3
		Day 57	2020-08-26 11:45 (29)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-18 11:51 (-12)	0.5		0 - 3
		Day 29	2020-07-29 10:20 (30)	0.4		0 - 3
		Day 57	2020-08-26 11:45 (29)	0.5		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-18 11:51 (-12)	5.5		- 18.8
		Day 29	2020-07-29 10:20 (30)	6.7		- 18.8
		Day 57	2020-08-26 11:45 (29)	7.7		- 18.8
	Creatinine (umol/L)	Screening	2020-06-18 11:51 (-12)	62		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011128	Creatinine (umol/L)	Day 29	2020-07-29 10:20 (30)	62		62 - 124
		Day 57	2020-08-26 11:45 (29)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-18 11:51 (-12)	<3.4		0 - 6.8
		Day 29	2020-07-29 10:20 (30)	<3.4		0 - 6.8
		Day 57	2020-08-26 11:45 (29)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-18 11:51 (-12)	0.17		0 - 0.8
		Day 29	2020-07-29 10:20 (30)	0.10		0 - 0.8
		Day 57	2020-08-26 11:45 (29)	0.15		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-18 11:51 (-12)	2.9		0 - 7
		Day 29	2020-07-29 10:20 (30)	1.4		0 - 7
		Day 57	2020-08-26 11:45 (29)	2.7		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-18 11:51 (-12)	4.82		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011128	Erythrocytes (10^12/L)	Day 29	2020-07-29 10:20 (30)	4.61		3.7 - 5.2
		Day 57	2020-08-26 11:45 (29)	4.63		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-18 11:51 (-12)	0.486 (H)		0.33 - 0.47
		Day 29	2020-07-29 10:20 (30)	0.466		0.33 - 0.47
		Day 57	2020-08-26 11:45 (29)	0.461		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-18 11:51 (-12)	148		110 - 155
		Day 29	2020-07-29 10:20 (30)	142	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-26 11:45 (29)	142	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-18 11:51 (-12)	<0.03		0 - 0.07
		Day 29	2020-07-29 10:20 (30)	<0.03		0 - 0.07
		Day 57	2020-08-26 11:45 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-18 11:51 (-12)	0.3		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011128	Immature Granulocytes/Leukocytes (%)	Day 29	2020-07-29 10:20 (30)	0.1		0 - 1
		Day 57	2020-08-26 11:45 (29)	0.4		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-18 11:51 (-12)	5.84		3.7 - 11
		Day 29	2020-07-29 10:20 (30)	7.38		3.7 - 11
		Day 57	2020-08-26 11:45 (29)	5.46		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-18 11:51 (-12)	1.17		0.9 - 3.6
		Day 29	2020-07-29 10:20 (30)	0.96	G1 Lymphocytes Decreased	0.9 - 3.6
		Day 57	2020-08-26 11:45 (29)	1.20		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-18 11:51 (-12)	20.0		12 - 46
		Day 29	2020-07-29 10:20 (30)	13.0		12 - 46
		Day 57	2020-08-26 11:45 (29)	22.0		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-18 11:51 (-12)	0.42		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011128	Monocytes (10^9/L)	Day 29	2020-07-29 10:20 (30)	0.37		0 - 1.2
		Day 57	2020-08-26 11:45 (29)	0.33		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-18 11:51 (-12)	7.2		0 - 11
		Day 29	2020-07-29 10:20 (30)	5.0		0 - 11
		Day 57	2020-08-26 11:45 (29)	6.0		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-18 11:51 (-12)	4.03		1.7 - 7.9
		Day 29	2020-07-29 10:20 (30)	5.91		1.7 - 7.9
		Day 57	2020-08-26 11:45 (29)	3.73		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-18 11:51 (-12)	69.1		34 - 71
		Day 29	2020-07-29 10:20 (30)	80.1 (H)		34 - 71
		Day 57	2020-08-26 11:45 (29)	68.4		34 - 71
	Platelets (10^9/L)	Screening	2020-06-18 11:51 (-12)	294		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011128	Platelets (10^9/L)	Day 29	2020-07-29 10:20 (30)	270		163 - 375
		Day 57	2020-08-26 11:45 (29)	270		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-18 11:51 (-12)	1.0		0.9 - 1.1
		Day 29	2020-07-29 10:20 (30)	1.0		0.9 - 1.1
		Day 57	2020-08-26 11:45 (29)	1.1		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-18 11:51 (-12)	11.3		9.4 - 12.5
		Day 29	2020-07-29 10:20 (30)	12.5		9.4 - 12.5
		Day 57	2020-08-26 11:45 (29)	12.8 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-18 11:51 (-12)	5.00		1.78 - 7.14
		Day 29	2020-07-29 10:20 (30)	6.07		1.78 - 7.14
		Day 57	2020-08-26 11:45 (29)	4.28		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-18 11:51 (-12)	20.0		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011128	Urea Nitrogen/Creatinine	Day 29	2020-07-29 10:20 (30)	24.3		7.8 - 26.7
		Day 57	2020-08-26 11:45 (29)	17.1		7.8 - 26.7
US2011139	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-22 12:02 (-4)	34.9		25.1 - 36.5
		Day 29	2020-07-24 11:30 (29)	35.6		25.1 - 36.5
		Day 57	2020-08-21 11:46 (29)	36.1		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-22 12:02 (-4)	20		10 - 33
		Day 29	2020-07-24 11:30 (29)	19		10 - 33
		Day 57	2020-08-21 11:46 (29)	45 (H)	G1 Alanine Aminotransferase Increased	10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-22 12:02 (-4)	54		30 - 115
		Day 29	2020-07-24 11:30 (29)	58		30 - 115
		Day 57	2020-08-21 11:46 (29)	56		30 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011139	Aspartate Aminotransferase (U/L)	Screening	2020-06-22 12:02 (-4)	20		10 - 36
		Day 29	2020-07-24 11:30 (29)	18		10 - 36
		Day 57	2020-08-21 11:46 (29)	30		10 - 36
	Basophils (10^9/L)	Screening	2020-06-22 12:02 (-4)	0.05		0 - 0.3
		Day 29	2020-07-24 11:30 (29)	0.04		0 - 0.3
		Day 57	2020-08-21 11:46 (29)	0.05		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-22 12:02 (-4)	1.0		0 - 3
		Day 29	2020-07-24 11:30 (29)	0.7		0 - 3
		Day 57	2020-08-21 11:46 (29)	0.9		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-22 12:02 (-4)	10.8		- 18.8
		Day 29	2020-07-24 11:30 (29)	7.9		- 18.8
		Day 57	2020-08-21 11:46 (29)	9.4		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011139	Creatinine (umol/L)	Screening	2020-06-22 12:02 (-4)	62		62 - 124
		Day 29	2020-07-24 11:30 (29)	62		62 - 124
		Day 57	2020-08-21 11:46 (29)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-22 12:02 (-4)	<3.4		0 - 6.8
		Day 29	2020-07-24 11:30 (29)	<3.4		0 - 6.8
		Day 57	2020-08-21 11:46 (29)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-22 12:02 (-4)	0.15		0 - 0.8
		Day 29	2020-07-24 11:30 (29)	0.25		0 - 0.8
		Day 57	2020-08-21 11:46 (29)	0.27		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-22 12:02 (-4)	2.9		0 - 7
		Day 29	2020-07-24 11:30 (29)	4.7		0 - 7
		Day 57	2020-08-21 11:46 (29)	4.8		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011139	Erythrocytes (10^12/L)	Screening	2020-06-22 12:02 (-4)	4.81		3.7 - 5.2
		Day 29	2020-07-24 11:30 (29)	4.86		3.7 - 5.2
		Day 57	2020-08-21 11:46 (29)	4.84		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-22 12:02 (-4)	0.471 (H)		0.33 - 0.47
		Day 29	2020-07-24 11:30 (29)	0.480 (H)		0.33 - 0.47
		Day 57	2020-08-21 11:46 (29)	0.480 (H)		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-22 12:02 (-4)	146		110 - 155
		Day 29	2020-07-24 11:30 (29)	146		110 - 155
		Day 57	2020-08-21 11:46 (29)	147		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-22 12:02 (-4)	<0.03		0 - 0.07
		Day 29	2020-07-24 11:30 (29)	<0.03		0 - 0.07
		Day 57	2020-08-21 11:46 (29)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011139	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-22 12:02 (-4)	0.2		0 - 1
		Day 29	2020-07-24 11:30 (29)	0.0		0 - 1
		Day 57	2020-08-21 11:46 (29)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-22 12:02 (-4)	5.22		3.7 - 11
		Day 29	2020-07-24 11:30 (29)	5.36		3.7 - 11
		Day 57	2020-08-21 11:46 (29)	5.68		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-22 12:02 (-4)	1.17		0.9 - 3.6
		Day 29	2020-07-24 11:30 (29)	1.21		0.9 - 3.6
		Day 57	2020-08-21 11:46 (29)	1.16		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-22 12:02 (-4)	22.4		12 - 46
		Day 29	2020-07-24 11:30 (29)	22.6		12 - 46
		Day 57	2020-08-21 11:46 (29)	20.4		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011139	Monocytes (10^9/L)	Screening	2020-06-22 12:02 (-4)	0.39		0 - 1.2
		Day 29	2020-07-24 11:30 (29)	0.46		0 - 1.2
		Day 57	2020-08-21 11:46 (29)	0.45		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-22 12:02 (-4)	7.5		0 - 11
		Day 29	2020-07-24 11:30 (29)	8.6		0 - 11
		Day 57	2020-08-21 11:46 (29)	7.9		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-22 12:02 (-4)	3.45		1.7 - 7.9
		Day 29	2020-07-24 11:30 (29)	3.40		1.7 - 7.9
		Day 57	2020-08-21 11:46 (29)	3.74		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-22 12:02 (-4)	66.0		34 - 71
		Day 29	2020-07-24 11:30 (29)	63.4		34 - 71
		Day 57	2020-08-21 11:46 (29)	65.8		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011139	Platelets (10^9/L)	Screening	2020-06-22 12:02 (-4)	194		163 - 375
		Day 29	2020-07-24 11:30 (29)	194		163 - 375
		Day 57	2020-08-21 11:46 (29)	193		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-22 12:02 (-4)	1.0		0.9 - 1.1
		Day 29	2020-07-24 11:30 (29)	0.9		0.9 - 1.1
		Day 57	2020-08-21 11:46 (29)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-22 12:02 (-4)	11.1		9.4 - 12.5
		Day 29	2020-07-24 11:30 (29)	10.7		9.4 - 12.5
		Day 57	2020-08-21 11:46 (29)	11.3		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-22 12:02 (-4)	5.71		1.78 - 7.14
		Day 29	2020-07-24 11:30 (29)	5.00		1.78 - 7.14
		Day 57	2020-08-21 11:46 (29)	5.35		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011139	Urea Nitrogen/Creatinine	Screening	2020-06-22 12:02 (-4)	22.9		7.8 - 26.7
		Day 29	2020-07-24 11:30 (29)	20.0		7.8 - 26.7
		Day 57	2020-08-21 11:46 (29)	25.0		7.8 - 26.7
US2011149	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-25 11:27 (-4)	35.8		25.1 - 36.5
		Day 29	2020-07-27 13:58 (29)	30.0		25.1 - 36.5
		Day 57	2020-08-31 07:42 (36)	31.7		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-25 11:27 (-4)	7 (L)		10 - 33
		Day 29	2020-07-27 13:58 (29)	6 (L)		10 - 33
		Day 57	2020-08-31 07:42 (36)	7 (L)		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-25 11:27 (-4)	78		30 - 115
		Day 29	2020-07-27 13:58 (29)	89		30 - 115
		Day 57	2020-08-31 07:42 (36)	84		30 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011149	Aspartate Aminotransferase (U/L)	Screening	2020-06-25 11:27 (-4)	16		10 - 36
		Day 29	2020-07-27 13:58 (29)	16		10 - 36
		Day 57	2020-08-31 07:42 (36)	14		10 - 36
	Basophils (10^9/L)	Screening	2020-06-25 11:27 (-4)	0.04		0 - 0.3
		Day 29	2020-07-27 13:58 (29)	0.04		0 - 0.3
		Day 57	2020-08-31 07:42 (36)	0.05		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-25 11:27 (-4)	0.7		0 - 3
		Day 29	2020-07-27 13:58 (29)	0.6		0 - 3
		Day 57	2020-08-31 07:42 (36)	0.8		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-25 11:27 (-4)	5.6		- 18.8
		Day 29	2020-07-27 13:58 (29)	3.2		- 18.8
		Day 57	2020-08-31 07:42 (36)	4.3		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011149	Creatinine (umol/L)	Screening	2020-06-25 11:27 (-4)	62		62 - 124
		Day 29	2020-07-27 13:58 (29)	53 (L)		62 - 124
		Day 57	2020-08-31 07:42 (36)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-25 11:27 (-4)	<3.4		0 - 6.8
		Day 29	2020-07-27 13:58 (29)	<3.4		0 - 6.8
		Day 57	2020-08-31 07:42 (36)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-25 11:27 (-4)	0.19		0 - 0.8
		Day 29	2020-07-27 13:58 (29)	0.16		0 - 0.8
		Day 57	2020-08-31 07:42 (36)	0.17		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-25 11:27 (-4)	3.2		0 - 7
		Day 29	2020-07-27 13:58 (29)	2.5		0 - 7
		Day 57	2020-08-31 07:42 (36)	2.7		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011149	Erythrocytes (10^12/L)	Screening	2020-06-25 11:27 (-4)	4.23		3.7 - 5.2
		Day 29	2020-07-27 13:58 (29)	4.01		3.7 - 5.2
		Day 57	2020-08-31 07:42 (36)	4.17		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-25 11:27 (-4)	0.417		0.33 - 0.47
		Day 29	2020-07-27 13:58 (29)	0.388		0.33 - 0.47
		Day 57	2020-08-31 07:42 (36)	0.417		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-25 11:27 (-4)	126		110 - 155
		Day 29	2020-07-27 13:58 (29)	119	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-31 07:42 (36)	122	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-25 11:27 (-4)	<0.03		0 - 0.07
		Day 29	2020-07-27 13:58 (29)	<0.03		0 - 0.07
		Day 57	2020-08-31 07:42 (36)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011149	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-25 11:27 (-4)	0.2		0 - 1
		Day 29	2020-07-27 13:58 (29)	0.2		0 - 1
		Day 57	2020-08-31 07:42 (36)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-25 11:27 (-4)	5.90		3.7 - 11
		Day 29	2020-07-27 13:58 (29)	6.32		3.7 - 11
		Day 57	2020-08-31 07:42 (36)	6.37		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-25 11:27 (-4)	2.00		0.9 - 3.6
		Day 29	2020-07-27 13:58 (29)	2.28		0.9 - 3.6
		Day 57	2020-08-31 07:42 (36)	2.19		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-25 11:27 (-4)	33.9		12 - 46
		Day 29	2020-07-27 13:58 (29)	36.1		12 - 46
		Day 57	2020-08-31 07:42 (36)	34.4		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011149	Monocytes (10^9/L)	Screening	2020-06-25 11:27 (-4)	0.54		0 - 1.2
		Day 29	2020-07-27 13:58 (29)	0.62		0 - 1.2
		Day 57	2020-08-31 07:42 (36)	0.62		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-25 11:27 (-4)	9.2		0 - 11
		Day 29	2020-07-27 13:58 (29)	9.8		0 - 11
		Day 57	2020-08-31 07:42 (36)	9.7		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-25 11:27 (-4)	3.12		1.7 - 7.9
		Day 29	2020-07-27 13:58 (29)	3.21		1.7 - 7.9
		Day 57	2020-08-31 07:42 (36)	3.32		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-25 11:27 (-4)	52.8		34 - 71
		Day 29	2020-07-27 13:58 (29)	50.8		34 - 71
		Day 57	2020-08-31 07:42 (36)	52.1		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011149	Platelets (10^9/L)	Screening	2020-06-25 11:27 (-4)	239		163 - 375
		Day 29	2020-07-27 13:58 (29)	214		163 - 375
		Day 57	2020-08-31 07:42 (36)	223		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-25 11:27 (-4)	0.9		0.9 - 1.1
		Day 29	2020-07-27 13:58 (29)	0.9		0.9 - 1.1
		Day 57	2020-08-31 07:42 (36)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-25 11:27 (-4)	11.0		9.4 - 12.5
		Day 29	2020-07-27 13:58 (29)	9.9		9.4 - 12.5
		Day 57	2020-08-31 07:42 (36)	11.2		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-25 11:27 (-4)	5.71		1.78 - 7.14
		Day 29	2020-07-27 13:58 (29)	4.28		1.78 - 7.14
		Day 57	2020-08-31 07:42 (36)	6.07		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011149	Urea Nitrogen/Creatinine	Screening	2020-06-25 11:27 (-4)	22.9		7.8 - 26.7
		Day 29	2020-07-27 13:58 (29)	20.0		7.8 - 26.7
		Day 57	2020-08-31 07:42 (36)	28.3 (H)		7.8 - 26.7
US2011162	Activated Partial Thromboplastin Time (sec)	Screening	2020-07-01 16:28 (-5)	31.2		25.1 - 36.5
		Day 29	2020-08-03 16:18 (29)	28.4		25.1 - 36.5
		Day 57	2020-08-31 16:46 (29)	29.0		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-07-01 16:28 (-5)	25		10 - 33
		Day 29	2020-08-03 16:18 (29)	21		10 - 33
		Day 57	2020-08-31 16:46 (29)	18		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-07-01 16:28 (-5)	72		30 - 115
		Day 29	2020-08-03 16:18 (29)	71		30 - 115
		Day 57	2020-08-31 16:46 (29)	72		30 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011162	Aspartate Aminotransferase (U/L)	Screening	2020-07-01 16:28 (-5)	38 (H)		10 - 36
		Day 29	2020-08-03 16:18 (29)	20		10 - 36
		Day 57	2020-08-31 16:46 (29)	22		10 - 36
	Basophils (10^9/L)	Screening	2020-07-01 16:28 (-5)	0.05		0 - 0.3
		Day 29	2020-08-03 16:18 (29)	0.06		0 - 0.3
		Day 57	2020-08-31 16:46 (29)	0.08		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-07-01 16:28 (-5)	0.7		0 - 3
		Day 29	2020-08-03 16:18 (29)	0.8		0 - 3
		Day 57	2020-08-31 16:46 (29)	1.0		0 - 3
	Bilirubin (umol/L)	Screening	2020-07-01 16:28 (-5)	8.0		- 18.8
		Day 29	2020-08-03 16:18 (29)	4.3		- 18.8
		Day 57	2020-08-31 16:46 (29)	4.6		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011162	Creatinine (umol/L)	Screening	2020-07-01 16:28 (-5)	44 (L)		62 - 124
		Day 29	2020-08-03 16:18 (29)	35 (L)		62 - 124
		Day 57	2020-08-31 16:46 (29)	35 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-07-01 16:28 (-5)	<3.4		0 - 6.8
		Day 29	2020-08-03 16:18 (29)	<3.4		0 - 6.8
		Day 57	2020-08-31 16:46 (29)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-07-01 16:28 (-5)	0.17		0 - 0.8
		Day 29	2020-08-03 16:18 (29)	0.22		0 - 0.8
		Day 57	2020-08-31 16:46 (29)	0.55		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-07-01 16:28 (-5)	2.2		0 - 7
		Day 29	2020-08-03 16:18 (29)	3.1		0 - 7
		Day 57	2020-08-31 16:46 (29)	6.6		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011162	Erythrocytes (10^12/L)	Screening	2020-07-01 16:28 (-5)	4.95		3.7 - 5.2
		Day 29	2020-08-03 16:18 (29)	4.54		3.7 - 5.2
		Day 57	2020-08-31 16:46 (29)	4.42		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-07-01 16:28 (-5)	0.465		0.33 - 0.47
		Day 29	2020-08-03 16:18 (29)	0.424		0.33 - 0.47
		Day 57	2020-08-31 16:46 (29)	0.425		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-07-01 16:28 (-5)	142		110 - 155
		Day 29	2020-08-03 16:18 (29)	131	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-31 16:46 (29)	127	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-07-01 16:28 (-5)	<0.03		0 - 0.07
		Day 29	2020-08-03 16:18 (29)	<0.03		0 - 0.07
		Day 57	2020-08-31 16:46 (29)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011162	Immature Granulocytes/Leukocytes (%)	Screening	2020-07-01 16:28 (-5)	0.3		0 - 1
		Day 29	2020-08-03 16:18 (29)	0.1		0 - 1
		Day 57	2020-08-31 16:46 (29)	0.1		0 - 1
	Leukocytes (10^9/L)	Screening	2020-07-01 16:28 (-5)	7.57		3.7 - 11
		Day 29	2020-08-03 16:18 (29)	7.13		3.7 - 11
		Day 57	2020-08-31 16:46 (29)	8.35		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-07-01 16:28 (-5)	2.39		0.9 - 3.6
		Day 29	2020-08-03 16:18 (29)	2.15		0.9 - 3.6
		Day 57	2020-08-31 16:46 (29)	2.51		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-07-01 16:28 (-5)	31.6		12 - 46
		Day 29	2020-08-03 16:18 (29)	30.2		12 - 46
		Day 57	2020-08-31 16:46 (29)	30.1		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011162	Monocytes (10^9/L)	Screening	2020-07-01 16:28 (-5)	0.44		0 - 1.2
		Day 29	2020-08-03 16:18 (29)	0.39		0 - 1.2
		Day 57	2020-08-31 16:46 (29)	0.48		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-07-01 16:28 (-5)	5.8		0 - 11
		Day 29	2020-08-03 16:18 (29)	5.5		0 - 11
		Day 57	2020-08-31 16:46 (29)	5.7		0 - 11
	Neutrophils (10^9/L)	Screening	2020-07-01 16:28 (-5)	4.50		1.7 - 7.9
		Day 29	2020-08-03 16:18 (29)	4.30		1.7 - 7.9
		Day 57	2020-08-31 16:46 (29)	4.72		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-07-01 16:28 (-5)	59.4		34 - 71
		Day 29	2020-08-03 16:18 (29)	60.3		34 - 71
		Day 57	2020-08-31 16:46 (29)	56.5		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011162	Platelets (10^9/L)	Screening	2020-07-01 16:28 (-5)	372		163 - 375
		Day 29	2020-08-03 16:18 (29)	357		163 - 375
		Day 57	2020-08-31 16:46 (29)	311		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-07-01 16:28 (-5)	1.0		0.9 - 1.1
		Day 29	2020-08-03 16:18 (29)	0.9		0.9 - 1.1
		Day 57	2020-08-31 16:46 (29)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-07-01 16:28 (-5)	11.8		9.4 - 12.5
		Day 29	2020-08-03 16:18 (29)	11.1		9.4 - 12.5
		Day 57	2020-08-31 16:46 (29)	11.6		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-07-01 16:28 (-5)	4.64		1.78 - 7.14
		Day 29	2020-08-03 16:18 (29)	4.28		1.78 - 7.14
		Day 57	2020-08-31 16:46 (29)	4.28		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2011162	Urea Nitrogen/Creatinine	Screening	2020-07-01 16:28 (-5)	26.0		7.8 - 26.7
		Day 29	2020-08-03 16:18 (29)	30.0 (H)		7.8 - 26.7
		Day 57	2020-08-31 16:46 (29)	30.0 (H)		7.8 - 26.7
US2021003	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-26 10:10 (-3)	34.5		25.1 - 36.5
		Day 29	2020-06-30 08:37 (33)	32.8		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-05-26 10:10 (-3)	25		10 - 40
		Day 29	2020-06-30 08:37 (33)	21		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-05-26 10:10 (-3)	78		43 - 115
		Day 29	2020-06-30 08:37 (33)	65		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-26 10:10 (-3)	25		10 - 43
		Day 29	2020-06-30 08:37 (33)	27		10 - 43
	Basophils (10^9/L)	Screening	2020-05-26 10:10 (-3)	0.07		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021003	Basophils (10^9/L)	Day 29	2020-06-30 08:37 (33)	0.06		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-26 10:10 (-3)	0.8		0 - 3
		Day 29	2020-06-30 08:37 (33)	1.0		0 - 3
	Bilirubin (umol/L)	Screening	2020-05-26 10:10 (-3)	16.8		- 18.8
		Day 29	2020-06-30 08:37 (33)	13.2		- 18.8
	Creatinine (umol/L)	Screening	2020-05-26 10:10 (-3)	71		62 - 124
		Day 29	2020-06-30 08:37 (33)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-26 10:10 (-3)	3.9		0 - 6.8
		Day 29	2020-06-30 08:37 (33)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-05-26 10:10 (-3)	0.04		0 - 0.8
		Day 29	2020-06-30 08:37 (33)	0.03		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-26 10:10 (-3)	0.5		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021003	Eosinophils/Leukocytes (%)	Day 29	2020-06-30 08:37 (33)	0.5		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-26 10:10 (-3)	5.49		4.63 - 6.08
		Day 29	2020-06-30 08:37 (33)	5.20		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-05-26 10:10 (-3)	0.552 (H)		0.37 - 0.51
		Day 29	2020-06-30 08:37 (33)	0.549 (H)		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-05-26 10:10 (-3)	173 (H)		125 - 170
		Day 29	2020-06-30 08:37 (33)	168	G1 Hemoglobin Decreased	125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-05-26 10:10 (-3)	0.12 (H)		0 - 0.07
		Day 29	2020-06-30 08:37 (33)	0.12 (H)		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-26 10:10 (-3)	1.5 (H)		0 - 1
		Day 29	2020-06-30 08:37 (33)	2.1 (H)		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-26 10:10 (-3)	8.26		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021003	Leukocytes (10^9/L)	Day 29	2020-06-30 08:37 (33)	5.72		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-26 10:10 (-3)	1.61		0.9 - 3.6
		Day 29	2020-06-30 08:37 (33)	1.05		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-26 10:10 (-3)	19.5		12 - 46
		Day 29	2020-06-30 08:37 (33)	18.4		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-26 10:10 (-3)	0.74		0 - 1.2
		Day 29	2020-06-30 08:37 (33)	0.56		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-26 10:10 (-3)	9.0		0 - 11
		Day 29	2020-06-30 08:37 (33)	9.8		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-26 10:10 (-3)	5.68		1.7 - 7.9
		Day 29	2020-06-30 08:37 (33)	3.90		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-26 10:10 (-3)	68.7		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021003	Neutrophils/Leukocytes (%)	Day 29	2020-06-30 08:37 (33)	68.2		34 - 71
	Platelets (10^9/L)	Screening	2020-05-26 10:10 (-3)	208		163 - 375
		Day 29	2020-06-30 08:37 (33)	180		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-26 10:10 (-3)	1.0		0.9 - 1.1
		Day 29	2020-06-30 08:37 (33)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-26 10:10 (-3)	11.7		9.4 - 12.5
		Day 29	2020-06-30 08:37 (33)	12.1		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-05-26 10:10 (-3)	4.28		1.78 - 7.14
		Day 29	2020-06-30 08:37 (33)	3.93		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-26 10:10 (-3)	15.0		7.8 - 26.7
		Day 29	2020-06-30 08:37 (33)	13.8		7.8 - 26.7
US2021007	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-26 10:48 (-6)	30.3		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021007	Activated Partial Thromboplastin Time (sec)	Day 29	2020-06-29 09:13 (29)	32.2		25.1 - 36.5
		Day 57	2020-07-29 09:54 (31)	26.3		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-05-26 10:48 (-6)	22		10 - 33
		Day 29	2020-06-29 09:13 (29)	12		10 - 33
		Day 57	2020-07-29 09:54 (31)	15		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-26 10:48 (-6)	62		30 - 115
		Day 29	2020-06-29 09:13 (29)	61		30 - 115
		Day 57	2020-07-29 09:54 (31)	56		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-26 10:48 (-6)	30		10 - 36
		Day 29	2020-06-29 09:13 (29)	20		10 - 36
		Day 57	2020-07-29 09:54 (31)	20		10 - 36
	Basophils (10^9/L)	Screening	2020-05-26 10:48 (-6)	0.06		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021007	Basophils (10^9/L)	Day 29	2020-06-29 09:13 (29)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-26 10:48 (-6)	1.1		0 - 3
		Day 29	2020-06-29 09:13 (29)	0.8		0 - 3
	Bilirubin (umol/L)	Screening	2020-05-26 10:48 (-6)	8.0		- 18.8
		Day 29	2020-06-29 09:13 (29)	5.6		- 18.8
		Day 57	2020-07-29 09:54 (31)	6.0		- 18.8
	Creatinine (umol/L)	Screening	2020-05-26 10:48 (-6)	62		62 - 124
		Day 29	2020-06-29 09:13 (29)	53 (L)		62 - 124
		Day 57	2020-07-29 09:54 (31)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-26 10:48 (-6)	<3.4		0 - 6.8
		Day 29	2020-06-29 09:13 (29)	<3.4		0 - 6.8
		Day 57	2020-07-29 09:54 (31)	<3.4		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021007	Eosinophils (10^9/L)	Screening	2020-05-26 10:48 (-6)	0.25		0 - 0.8
		Day 29	2020-06-29 09:13 (29)	0.22		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-26 10:48 (-6)	4.6		0 - 7
		Day 29	2020-06-29 09:13 (29)	4.3		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-26 10:48 (-6)	3.88		3.7 - 5.2
		Day 29	2020-06-29 09:13 (29)	3.68 (L)		3.7 - 5.2
	Follicle Stimulating Hormone (IU/L)	Screening	2020-05-26 10:48 (-6)	150.2 (H)		1.7 - 21.5
	Hematocrit (L/L)	Screening	2020-05-26 10:48 (-6)	0.384		0.33 - 0.47
		Day 29	2020-06-29 09:13 (29)	0.371		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-26 10:48 (-6)	117	G1 Hemoglobin Decreased	110 - 155
		Day 29	2020-06-29 09:13 (29)	111	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-26 10:48 (-6)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021007	Immature Granulocytes (10^9/L)	Day 29	2020-06-29 09:13 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-26 10:48 (-6)	0.2		0 - 1
		Day 29	2020-06-29 09:13 (29)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-26 10:48 (-6)	5.41		3.7 - 11
		Day 29	2020-06-29 09:13 (29)	5.17		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-26 10:48 (-6)	1.53		0.9 - 3.6
		Day 29	2020-06-29 09:13 (29)	1.37		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-26 10:48 (-6)	28.3		12 - 46
		Day 29	2020-06-29 09:13 (29)	26.5		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-26 10:48 (-6)	0.38		0 - 1.2
		Day 29	2020-06-29 09:13 (29)	0.31		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-26 10:48 (-6)	7.0		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021007	Monocytes/Leukocytes (%)	Day 29	2020-06-29 09:13 (29)	6.0		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-26 10:48 (-6)	3.18		1.7 - 7.9
		Day 29	2020-06-29 09:13 (29)	3.22		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-26 10:48 (-6)	58.8		34 - 71
		Day 29	2020-06-29 09:13 (29)	62.2		34 - 71
	Platelets (10^9/L)	Screening	2020-05-26 10:48 (-6)	283		163 - 375
		Day 29	2020-06-29 09:13 (29)	266		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-26 10:48 (-6)	1.0		0.9 - 1.1
		Day 29	2020-06-29 09:13 (29)	0.9		0.9 - 1.1
		Day 57	2020-07-29 09:54 (31)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-26 10:48 (-6)	11.3		9.4 - 12.5
		Day 29	2020-06-29 09:13 (29)	10.9		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021007	Prothrombin Time (sec)	Day 57	2020-07-29 09:54 (31)	11.5		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-05-26 10:48 (-6)	4.28		1.78 - 7.14
		Day 29	2020-06-29 09:13 (29)	5.35		1.78 - 7.14
		Day 57	2020-07-29 09:54 (31)	4.64		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-26 10:48 (-6)	17.1		7.8 - 26.7
		Day 29	2020-06-29 09:13 (29)	25.0		7.8 - 26.7
		Day 57	2020-07-29 09:54 (31)	18.6		7.8 - 26.7
US2021011	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-26 11:46 (-3)	34.7		25.1 - 36.5
		Day 29	2020-06-26 09:23 (29)	38.0 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
		Day 57	2020-07-21 10:58 (26)	31.4		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-05-26 11:46 (-3)	32		10 - 40

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021011	Alanine Aminotransferase (U/L)	Day 29	2020-06-26 09:23 (29)	27		10 - 40
		Day 57	2020-07-21 10:58 (26)	25		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-05-26 11:46 (-3)	97		43 - 115
		Day 29	2020-06-26 09:23 (29)	105		43 - 115
		Day 57	2020-07-21 10:58 (26)	89		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-26 11:46 (-3)	40		10 - 43
		Day 29	2020-06-26 09:23 (29)	36		10 - 43
		Day 57	2020-07-21 10:58 (26)	33		10 - 43
	Basophils (10^9/L)	Screening	2020-05-26 11:46 (-3)	0.05		0 - 0.3
		Day 29	2020-06-26 09:23 (29)	0.07		0 - 0.3
		Day 57	2020-07-21 10:58 (26)	0.05		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-26 11:46 (-3)	0.7		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021011	Basophils/Leukocytes (%)	Day 29	2020-06-26 09:23 (29)	1.0		0 - 3
		Day 57	2020-07-21 10:58 (26)	0.7		0 - 3
	Bilirubin (umol/L)	Screening	2020-05-26 11:46 (-3)	9.2		- 18.8
		Day 29	2020-06-26 09:23 (29)	7.9		- 18.8
		Day 57	2020-07-21 10:58 (26)	5.1		- 18.8
	Creatinine (umol/L)	Screening	2020-05-26 11:46 (-3)	62		62 - 124
		Day 29	2020-06-26 09:23 (29)	88		62 - 124
		Day 57	2020-07-21 10:58 (26)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-26 11:46 (-3)	3.6		0 - 6.8
		Day 29	2020-06-26 09:23 (29)	<3.4		0 - 6.8
		Day 57	2020-07-21 10:58 (26)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-05-26 11:46 (-3)	0.09		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021011	Eosinophils (10^9/L)	Day 29	2020-06-26 09:23 (29)	0.11		0 - 0.8
		Day 57	2020-07-21 10:58 (26)	0.14		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-26 11:46 (-3)	1.2		0 - 7
		Day 29	2020-06-26 09:23 (29)	1.6		0 - 7
		Day 57	2020-07-21 10:58 (26)	1.9		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-26 11:46 (-3)	5.35		4.63 - 6.08
		Day 29	2020-06-26 09:23 (29)	5.19		4.63 - 6.08
		Day 57	2020-07-21 10:58 (26)	5.13		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-05-26 11:46 (-3)	0.531 (H)		0.37 - 0.51
		Day 29	2020-06-26 09:23 (29)	0.529 (H)		0.37 - 0.51
		Day 57	2020-07-21 10:58 (26)	0.542 (H)		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-05-26 11:46 (-3)	169		125 - 170

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021011	Hemoglobin (g/L)	Day 29	2020-06-26 09:23 (29)	166	G1 Hemoglobin Decreased	125 - 170
		Day 57	2020-07-21 10:58 (26)	165	G1 Hemoglobin Decreased	125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-05-26 11:46 (-3)	0.05		0 - 0.07
		Day 29	2020-06-26 09:23 (29)	0.06		0 - 0.07
		Day 57	2020-07-21 10:58 (26)	0.04		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-26 11:46 (-3)	0.7		0 - 1
		Day 29	2020-06-26 09:23 (29)	0.9		0 - 1
		Day 57	2020-07-21 10:58 (26)	0.5		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-26 11:46 (-3)	7.38		3.7 - 11
		Day 29	2020-06-26 09:23 (29)	6.95		3.7 - 11
		Day 57	2020-07-21 10:58 (26)	7.28		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-26 11:46 (-3)	2.89		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021011	Lymphocytes (10^9/L)	Day 29	2020-06-26 09:23 (29)	2.67		0.9 - 3.6
		Day 57	2020-07-21 10:58 (26)	2.86		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-26 11:46 (-3)	39.2		12 - 46
		Day 29	2020-06-26 09:23 (29)	38.4		12 - 46
		Day 57	2020-07-21 10:58 (26)	39.3		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-26 11:46 (-3)	0.55		0 - 1.2
		Day 29	2020-06-26 09:23 (29)	0.58		0 - 1.2
		Day 57	2020-07-21 10:58 (26)	0.55		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-26 11:46 (-3)	7.5		0 - 11
		Day 29	2020-06-26 09:23 (29)	8.3		0 - 11
		Day 57	2020-07-21 10:58 (26)	7.6		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-26 11:46 (-3)	3.75		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021011	Neutrophils (10^9/L)	Day 29	2020-06-26 09:23 (29)	3.46		1.7 - 7.9
		Day 57	2020-07-21 10:58 (26)	3.64		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-26 11:46 (-3)	50.7		34 - 71
		Day 29	2020-06-26 09:23 (29)	49.8		34 - 71
		Day 57	2020-07-21 10:58 (26)	50.0		34 - 71
	Platelets (10^9/L)	Screening	2020-05-26 11:46 (-3)	188		163 - 375
		Day 29	2020-06-26 09:23 (29)	194		163 - 375
		Day 57	2020-07-21 10:58 (26)	184		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-26 11:46 (-3)	0.9		0.9 - 1.1
		Day 29	2020-06-26 09:23 (29)	1.0		0.9 - 1.1
		Day 57	2020-07-21 10:58 (26)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-26 11:46 (-3)	10.8		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021011	Prothrombin Time (sec)	Day 29	2020-06-26 09:23 (29)	11.3		9.4 - 12.5
		Day 57	2020-07-21 10:58 (26)	10.7		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-05-26 11:46 (-3)	3.57		1.78 - 7.14
		Day 29	2020-06-26 09:23 (29)	5.71		1.78 - 7.14
		Day 57	2020-07-21 10:58 (26)	5.00		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-26 11:46 (-3)	14.3		7.8 - 26.7
		Day 29	2020-06-26 09:23 (29)	16.0		7.8 - 26.7
		Day 57	2020-07-21 10:58 (26)	17.5		7.8 - 26.7
US2021031	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-26 17:48 (-6)	31.5		25.1 - 36.5
		Day 29	2020-06-29 13:22 (29)	30.9		25.1 - 36.5
		Day 57	2020-07-27 15:28 (29)	28.2		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-05-26 17:48 (-6)	33		10 - 40

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021031	Alanine Aminotransferase (U/L)	Day 29	2020-06-29 13:22 (29)	26		10 - 40
		Day 57	2020-07-27 15:28 (29)	30		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-05-26 17:48 (-6)	70		43 - 115
		Day 29	2020-06-29 13:22 (29)	64		43 - 115
		Day 57	2020-07-27 15:28 (29)	65		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-26 17:48 (-6)	31		10 - 43
		Day 29	2020-06-29 13:22 (29)	29		10 - 43
		Day 57	2020-07-27 15:28 (29)	28		10 - 43
	Basophils (10^9/L)	Screening	2020-05-26 17:48 (-6)	0.04		0 - 0.3
		Day 29	2020-06-29 13:22 (29)	0.03		0 - 0.3
		Day 57	2020-07-27 15:28 (29)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-26 17:48 (-6)	0.8		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021031	Basophils/Leukocytes (%)	Day 29	2020-06-29 13:22 (29)	0.8		0 - 3
		Day 57	2020-07-27 15:28 (29)	0.6		0 - 3
	Bilirubin (umol/L)	Screening	2020-05-26 17:48 (-6)	14.9		- 18.8
		Day 29	2020-06-29 13:22 (29)	16.4		- 18.8
		Day 57	2020-07-27 15:28 (29)	13.3		- 18.8
	Creatinine (umol/L)	Screening	2020-05-26 17:48 (-6)	80		62 - 124
		Day 29	2020-06-29 13:22 (29)	80		62 - 124
		Day 57	2020-07-27 15:28 (29)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-26 17:48 (-6)	3.6		0 - 6.8
		Day 29	2020-06-29 13:22 (29)	4.1		0 - 6.8
		Day 57	2020-07-27 15:28 (29)	3.6		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-05-26 17:48 (-6)	0.31		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021031	Eosinophils (10^9/L)	Day 29	2020-06-29 13:22 (29)	0.24		0 - 0.8
		Day 57	2020-07-27 15:28 (29)	0.28		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-26 17:48 (-6)	5.9		0 - 7
		Day 29	2020-06-29 13:22 (29)	6.4		0 - 7
		Day 57	2020-07-27 15:28 (29)	6.0		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-26 17:48 (-6)	5.76		4.63 - 6.08
		Day 29	2020-06-29 13:22 (29)	4.89		4.63 - 6.08
		Day 57	2020-07-27 15:28 (29)	5.35		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-05-26 17:48 (-6)	0.596 (H)		0.37 - 0.51
		Day 29	2020-06-29 13:22 (29)	0.493		0.37 - 0.51
		Day 57	2020-07-27 15:28 (29)	0.545 (H)		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-05-26 17:48 (-6)	179 (H)		125 - 170

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021031	Hemoglobin (g/L)	Day 29	2020-06-29 13:22 (29)	153	G3 Hemoglobin Decreased	125 - 170
		Day 57	2020-07-27 15:28 (29)	168	G1 Hemoglobin Decreased	125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-05-26 17:48 (-6)	<0.03		0 - 0.07
		Day 29	2020-06-29 13:22 (29)	<0.03		0 - 0.07
		Day 57	2020-07-27 15:28 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-26 17:48 (-6)	0.2		0 - 1
		Day 29	2020-06-29 13:22 (29)	0.3		0 - 1
		Day 57	2020-07-27 15:28 (29)	0.4		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-26 17:48 (-6)	5.24		3.7 - 11
		Day 29	2020-06-29 13:22 (29)	3.76		3.7 - 11
		Day 57	2020-07-27 15:28 (29)	4.66		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-26 17:48 (-6)	1.41		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021031	Lymphocytes (10^9/L)	Day 29	2020-06-29 13:22 (29)	1.04		0.9 - 3.6
		Day 57	2020-07-27 15:28 (29)	1.10		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-26 17:48 (-6)	26.9		12 - 46
		Day 29	2020-06-29 13:22 (29)	27.7		12 - 46
		Day 57	2020-07-27 15:28 (29)	23.6		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-26 17:48 (-6)	0.66		0 - 1.2
		Day 29	2020-06-29 13:22 (29)	0.42		0 - 1.2
		Day 57	2020-07-27 15:28 (29)	0.75		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-26 17:48 (-6)	12.6 (H)		0 - 11
		Day 29	2020-06-29 13:22 (29)	11.2 (H)		0 - 11
		Day 57	2020-07-27 15:28 (29)	16.1 (H)		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-26 17:48 (-6)	2.81		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021031	Neutrophils (10^9/L)	Day 29	2020-06-29 13:22 (29)	2.02		1.7 - 7.9
		Day 57	2020-07-27 15:28 (29)	2.48		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-26 17:48 (-6)	53.6		34 - 71
		Day 29	2020-06-29 13:22 (29)	53.6		34 - 71
		Day 57	2020-07-27 15:28 (29)	53.3		34 - 71
	Platelets (10^9/L)	Screening	2020-05-26 17:48 (-6)	195		163 - 375
		Day 29	2020-06-29 13:22 (29)	157 (L)		163 - 375
		Day 57	2020-07-27 15:28 (29)	168		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-26 17:48 (-6)	1.1		0.9 - 1.1
		Day 29	2020-06-29 13:22 (29)	1.1		0.9 - 1.1
		Day 57	2020-07-27 15:28 (29)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-26 17:48 (-6)	12.5		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021031	Prothrombin Time (sec)	Day 29	2020-06-29 13:22 (29)	12.6 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
		Day 57	2020-07-27 15:28 (29)	12.1		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-05-26 17:48 (-6)	4.64		1.78 - 7.14
		Day 29	2020-06-29 13:22 (29)	6.43		1.78 - 7.14
		Day 57	2020-07-27 15:28 (29)	6.07		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-26 17:48 (-6)	14.4		7.8 - 26.7
		Day 29	2020-06-29 13:22 (29)	20.0		7.8 - 26.7
		Day 57	2020-07-27 15:28 (29)	21.2		7.8 - 26.7
US2021114	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-29 09:45 (-28)	32.5		25.1 - 36.5
		Day 29	2020-07-29 09:42 (34)	30.9		25.1 - 36.5
		Day 57	2020-08-25 11:17 (28)	38.0 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021114	Alanine Aminotransferase (U/L)	Screening	2020-05-29 09:45 (-28)	26		10 - 40
		Day 29	2020-07-29 09:42 (34)	21		10 - 40
		Day 57	2020-08-25 11:17 (28)	22		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-05-29 09:45 (-28)	75		43 - 115
		Day 29	2020-07-29 09:42 (34)	74		43 - 115
		Day 57	2020-08-25 11:17 (28)	75		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-29 09:45 (-28)	28		10 - 43
		Day 29	2020-07-29 09:42 (34)	23		10 - 43
		Day 57	2020-08-25 11:17 (28)	18		10 - 43
	Basophils (10^9/L)	Screening	2020-05-29 09:45 (-28)	0.04		0 - 0.3
		Day 29	2020-07-29 09:42 (34)	0.03		0 - 0.3
		Day 57	2020-08-25 11:17 (28)	0.04		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021114	Basophils/Leukocytes (%)	Screening	2020-05-29 09:45 (-28)	0.8		0 - 3
		Day 29	2020-07-29 09:42 (34)	0.6		0 - 3
		Day 57	2020-08-25 11:17 (28)	0.8		0 - 3
	Bilirubin (umol/L)	Screening	2020-05-29 09:45 (-28)	9.4		- 18.8
		Day 29	2020-07-29 09:42 (34)	8.0		- 18.8
		Day 57	2020-08-25 11:17 (28)	8.7		- 18.8
	Creatinine (umol/L)	Screening	2020-05-29 09:45 (-28)	71		62 - 124
		Day 29	2020-07-29 09:42 (34)	80		62 - 124
		Day 57	2020-08-25 11:17 (28)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-29 09:45 (-28)	<3.4		0 - 6.8
		Day 29	2020-07-29 09:42 (34)	<3.4		0 - 6.8
		Day 57	2020-08-25 11:17 (28)	<3.4		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021114	Eosinophils (10^9/L)	Screening	2020-05-29 09:45 (-28)	0.07		0 - 0.8
		Day 29	2020-07-29 09:42 (34)	0.09		0 - 0.8
		Day 57	2020-08-25 11:17 (28)	0.07		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-29 09:45 (-28)	1.4		0 - 7
		Day 29	2020-07-29 09:42 (34)	1.7		0 - 7
		Day 57	2020-08-25 11:17 (28)	1.4		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-29 09:45 (-28)	5.13		4.63 - 6.08
		Day 29	2020-07-29 09:42 (34)	5.22		4.63 - 6.08
		Day 57	2020-08-25 11:17 (28)	5.15		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-05-29 09:45 (-28)	0.504		0.37 - 0.51
		Day 29	2020-07-29 09:42 (34)	0.502		0.37 - 0.51
		Day 57	2020-08-25 11:17 (28)	0.518 (H)		0.37 - 0.51

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021114	Hemoglobin (g/L)	Screening	2020-05-29 09:45 (-28)	154		125 - 170
		Day 29	2020-07-29 09:42 (34)	156		125 - 170
		Day 57	2020-08-25 11:17 (28)	155		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-05-29 09:45 (-28)	<0.03		0 - 0.07
		Day 29	2020-07-29 09:42 (34)	0.04		0 - 0.07
		Day 57	2020-08-25 11:17 (28)	0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-29 09:45 (-28)	0.4		0 - 1
		Day 29	2020-07-29 09:42 (34)	0.7		0 - 1
		Day 57	2020-08-25 11:17 (28)	0.6		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-29 09:45 (-28)	4.89		3.7 - 11
		Day 29	2020-07-29 09:42 (34)	5.44		3.7 - 11
		Day 57	2020-08-25 11:17 (28)	5.06		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021114	Lymphocytes (10^9/L)	Screening	2020-05-29 09:45 (-28)	1.13		0.9 - 3.6
		Day 29	2020-07-29 09:42 (34)	1.27		0.9 - 3.6
		Day 57	2020-08-25 11:17 (28)	1.51		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-29 09:45 (-28)	23.1		12 - 46
		Day 29	2020-07-29 09:42 (34)	23.3		12 - 46
		Day 57	2020-08-25 11:17 (28)	29.8		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-29 09:45 (-28)	0.55		0 - 1.2
		Day 29	2020-07-29 09:42 (34)	0.58		0 - 1.2
		Day 57	2020-08-25 11:17 (28)	0.57		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-29 09:45 (-28)	11.2 (H)		0 - 11
		Day 29	2020-07-29 09:42 (34)	10.7		0 - 11
		Day 57	2020-08-25 11:17 (28)	11.3 (H)		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021114	Neutrophils (10^9/L)	Screening	2020-05-29 09:45 (-28)	3.08		1.7 - 7.9
		Day 29	2020-07-29 09:42 (34)	3.43		1.7 - 7.9
		Day 57	2020-08-25 11:17 (28)	2.84		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-29 09:45 (-28)	63.1		34 - 71
		Day 29	2020-07-29 09:42 (34)	63.0		34 - 71
		Day 57	2020-08-25 11:17 (28)	56.1		34 - 71
	Platelets (10^9/L)	Screening	2020-05-29 09:45 (-28)	213		163 - 375
		Day 29	2020-07-29 09:42 (34)	221		163 - 375
		Day 57	2020-08-25 11:17 (28)	237		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-29 09:45 (-28)	1.1		0.9 - 1.1
		Day 29	2020-07-29 09:42 (34)	1.0		0.9 - 1.1
		Day 57	2020-08-25 11:17 (28)	1.1		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021114	Prothrombin Time (sec)	Screening	2020-05-29 09:45 (-28)	12.4		9.4 - 12.5
		Day 29	2020-07-29 09:42 (34)	12.7 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
		Day 57	2020-08-25 11:17 (28)	13.4 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-05-29 09:45 (-28)	6.07		1.78 - 7.14
		Day 29	2020-07-29 09:42 (34)	4.28		1.78 - 7.14
		Day 57	2020-08-25 11:17 (28)	5.00		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-29 09:45 (-28)	21.2		7.8 - 26.7
		Day 29	2020-07-29 09:42 (34)	13.3		7.8 - 26.7
		Day 57	2020-08-25 11:17 (28)	17.5		7.8 - 26.7
US2021115	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-29 10:35 (-28)	38.2 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
		Unscheduled	2020-06-09 08:24 (-17)	31.3		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021115	Alanine Aminotransferase (U/L)	Screening	2020-05-29 10:35 (-28)	18		10 - 33
		Day 57	2020-08-28 11:01 (29)	15		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-29 10:35 (-28)	33		30 - 115
		Day 57	2020-08-28 11:01 (29)	41		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-29 10:35 (-28)	24		10 - 36
		Day 57	2020-08-28 11:01 (29)	23		10 - 36
	Basophils (10^9/L)	Screening	2020-05-29 10:35 (-28)	0.03		0 - 0.3
		Unscheduled	2020-06-09 08:24 (-17)	<0.03		0 - 0.3
		Day 57	2020-08-28 11:01 (29)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-29 10:35 (-28)	0.8		0 - 3
		Unscheduled	2020-06-09 08:24 (-17)	0.5		0 - 3
		Day 57	2020-08-28 11:01 (29)	1.0		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021115	Bilirubin (umol/L)	Screening	2020-05-29 10:35 (-28)	6.0		- 18.8
		Day 57	2020-08-28 11:01 (29)	4.1		- 18.8
	Creatinine (umol/L)	Screening	2020-05-29 10:35 (-28)	62		62 - 124
		Day 57	2020-08-28 11:01 (29)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-29 10:35 (-28)	<3.4		0 - 6.8
		Day 57	2020-08-28 11:01 (29)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-05-29 10:35 (-28)	0.07		0 - 0.8
		Unscheduled	2020-06-09 08:24 (-17)	0.06		0 - 0.8
		Day 57	2020-08-28 11:01 (29)	0.04		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-29 10:35 (-28)	1.9		0 - 7
		Unscheduled	2020-06-09 08:24 (-17)	1.5		0 - 7
		Day 57	2020-08-28 11:01 (29)	1.0		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021115	Erythrocytes (10^12/L)	Screening	2020-05-29 10:35 (-28)	4.24		3.7 - 5.2
		Unscheduled	2020-06-09 08:24 (-17)	3.99		3.7 - 5.2
		Day 57	2020-08-28 11:01 (29)	3.91		3.7 - 5.2
	Follicle Stimulating Hormone (IU/L)	Screening	2020-05-29 10:35 (-28)	86.9 (H)		1.7 - 21.5
	Hematocrit (L/L)	Screening	2020-05-29 10:35 (-28)	0.439		0.33 - 0.47
		Unscheduled	2020-06-09 08:24 (-17)	0.405		0.33 - 0.47
		Day 57	2020-08-28 11:01 (29)	0.397		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-29 10:35 (-28)	136		110 - 155
		Unscheduled	2020-06-09 08:24 (-17)	126		110 - 155
		Day 57	2020-08-28 11:01 (29)	123	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-29 10:35 (-28)	<0.03		0 - 0.07
		Unscheduled	2020-06-09 08:24 (-17)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021115	Immature Granulocytes (10^9/L)	Day 57	2020-08-28 11:01 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-29 10:35 (-28)	0.3		0 - 1
		Unscheduled	2020-06-09 08:24 (-17)	0.3		0 - 1
		Day 57	2020-08-28 11:01 (29)	0.0		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-29 10:35 (-28)	3.67 (L)		3.7 - 11
		Unscheduled	2020-06-09 08:24 (-17)	3.91		3.7 - 11
		Day 57	2020-08-28 11:01 (29)	3.98		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-29 10:35 (-28)	1.56		0.9 - 3.6
		Unscheduled	2020-06-09 08:24 (-17)	1.67		0.9 - 3.6
		Day 57	2020-08-28 11:01 (29)	1.86		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-29 10:35 (-28)	42.5		12 - 46
		Unscheduled	2020-06-09 08:24 (-17)	42.7		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021115	Lymphocytes/Leukocytes (%)	Day 57	2020-08-28 11:01 (29)	46.7 (H)		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-29 10:35 (-28)	0.37		0 - 1.2
		Unscheduled	2020-06-09 08:24 (-17)	0.38		0 - 1.2
		Day 57	2020-08-28 11:01 (29)	0.41		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-29 10:35 (-28)	10.1		0 - 11
		Unscheduled	2020-06-09 08:24 (-17)	9.7		0 - 11
		Day 57	2020-08-28 11:01 (29)	10.3		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-29 10:35 (-28)	1.63 (L)	G1 Neutrophils Decreased	1.7 - 7.9
		Unscheduled	2020-06-09 08:24 (-17)	1.77	G1 Neutrophils Decreased	1.7 - 7.9
		Day 57	2020-08-28 11:01 (29)	1.63 (L)	G1 Neutrophils Decreased	1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-29 10:35 (-28)	44.4		34 - 71
		Unscheduled	2020-06-09 08:24 (-17)	45.3		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021115	Neutrophils/Leukocytes (%)	Day 57	2020-08-28 11:01 (29)	41.0		34 - 71
	Platelets (10^9/L)	Screening	2020-05-29 10:35 (-28)	219		163 - 375
		Unscheduled	2020-06-09 08:24 (-17)	193		163 - 375
		Day 57	2020-08-28 11:01 (29)	200		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-29 10:35 (-28)	1.0		0.9 - 1.1
		Unscheduled	2020-06-09 08:24 (-17)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-29 10:35 (-28)	11.9		9.4 - 12.5
		Unscheduled	2020-06-09 08:24 (-17)	11.0		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-05-29 10:35 (-28)	3.93		1.78 - 7.14
		Day 57	2020-08-28 11:01 (29)	3.93		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-29 10:35 (-28)	15.7		7.8 - 26.7
		Day 57	2020-08-28 11:01 (29)	18.3		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021186	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-10 14:45 (-16)	37.1 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
		Unscheduled	2020-06-17 11:21 (-9)	32.5		25.1 - 36.5
		Day 29	2020-07-27 09:03 (32)	31.0		25.1 - 36.5
		Day 57	2020-08-25 14:46 (30)	37.0 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-10 14:45 (-16)	16		10 - 33
		Day 29	2020-07-27 09:03 (32)	15		10 - 33
		Day 57	2020-08-25 14:46 (30)	13		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-10 14:45 (-16)	61		30 - 115
		Day 29	2020-07-27 09:03 (32)	55		30 - 115
		Day 57	2020-08-25 14:46 (30)	56		30 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021186	Aspartate Aminotransferase (U/L)	Screening	2020-06-10 14:45 (-16)	22		10 - 36
		Day 29	2020-07-27 09:03 (32)	17		10 - 36
		Day 57	2020-08-25 14:46 (30)	19		10 - 36
	Basophils (10^9/L)	Screening	2020-06-10 14:45 (-16)	0.04		0 - 0.3
		Day 29	2020-07-27 09:03 (32)	0.03		0 - 0.3
		Day 57	2020-08-25 14:46 (30)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-10 14:45 (-16)	0.5		0 - 3
		Day 29	2020-07-27 09:03 (32)	0.6		0 - 3
		Day 57	2020-08-25 14:46 (30)	0.7		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-10 14:45 (-16)	4.1		- 18.8
		Day 29	2020-07-27 09:03 (32)	4.8		- 18.8
		Day 57	2020-08-25 14:46 (30)	4.4		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021186	Creatinine (umol/L)	Screening	2020-06-10 14:45 (-16)	53 (L)		62 - 124
		Day 29	2020-07-27 09:03 (32)	53 (L)		62 - 124
		Day 57	2020-08-25 14:46 (30)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-10 14:45 (-16)	<3.4		0 - 6.8
		Day 29	2020-07-27 09:03 (32)	<3.4		0 - 6.8
		Day 57	2020-08-25 14:46 (30)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-10 14:45 (-16)	0.13		0 - 0.8
		Day 29	2020-07-27 09:03 (32)	0.18		0 - 0.8
		Day 57	2020-08-25 14:46 (30)	0.25		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-10 14:45 (-16)	1.8		0 - 7
		Day 29	2020-07-27 09:03 (32)	3.5		0 - 7
		Day 57	2020-08-25 14:46 (30)	4.2		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021186	Erythrocytes (10^12/L)	Screening	2020-06-10 14:45 (-16)	3.88		3.7 - 5.2
		Day 29	2020-07-27 09:03 (32)	4.14		3.7 - 5.2
		Day 57	2020-08-25 14:46 (30)	3.98		3.7 - 5.2
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-10 14:45 (-16)	56.1 (H)		1.7 - 21.5
	Hematocrit (L/L)	Screening	2020-06-10 14:45 (-16)	0.400		0.33 - 0.47
		Day 29	2020-07-27 09:03 (32)	0.450		0.33 - 0.47
		Day 57	2020-08-25 14:46 (30)	0.426		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-10 14:45 (-16)	121		110 - 155
		Day 29	2020-07-27 09:03 (32)	130		110 - 155
		Day 57	2020-08-25 14:46 (30)	124		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-10 14:45 (-16)	<0.03		0 - 0.07
		Day 29	2020-07-27 09:03 (32)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021186	Immature Granulocytes (10^9/L)	Day 57	2020-08-25 14:46 (30)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-10 14:45 (-16)	0.1		0 - 1
		Day 29	2020-07-27 09:03 (32)	0.2		0 - 1
		Day 57	2020-08-25 14:46 (30)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-10 14:45 (-16)	7.36		3.7 - 11
		Day 29	2020-07-27 09:03 (32)	5.13		3.7 - 11
		Day 57	2020-08-25 14:46 (30)	5.95		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-10 14:45 (-16)	3.23		0.9 - 3.6
		Day 29	2020-07-27 09:03 (32)	2.13		0.9 - 3.6
		Day 57	2020-08-25 14:46 (30)	2.75		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-10 14:45 (-16)	43.9		12 - 46
		Day 29	2020-07-27 09:03 (32)	41.5		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021186	Lymphocytes/Leukocytes (%)	Day 57	2020-08-25 14:46 (30)	46.2 (H)		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-10 14:45 (-16)	0.53		0 - 1.2
		Day 29	2020-07-27 09:03 (32)	0.38		0 - 1.2
		Day 57	2020-08-25 14:46 (30)	0.44		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-10 14:45 (-16)	7.2		0 - 11
		Day 29	2020-07-27 09:03 (32)	7.4		0 - 11
		Day 57	2020-08-25 14:46 (30)	7.4		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-10 14:45 (-16)	3.42		1.7 - 7.9
		Day 29	2020-07-27 09:03 (32)	2.40		1.7 - 7.9
		Day 57	2020-08-25 14:46 (30)	2.46		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-10 14:45 (-16)	46.5		34 - 71
		Day 29	2020-07-27 09:03 (32)	46.8		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021186	Neutrophils/Leukocytes (%)	Day 57	2020-08-25 14:46 (30)	41.3		34 - 71
	Platelets (10^9/L)	Screening	2020-06-10 14:45 (-16)	278		163 - 375
		Day 29	2020-07-27 09:03 (32)	272		163 - 375
		Day 57	2020-08-25 14:46 (30)	277		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-10 14:45 (-16)	1.0		0.9 - 1.1
		Unscheduled	2020-06-17 11:21 (-9)	0.9		0.9 - 1.1
		Day 29	2020-07-27 09:03 (32)	1.0		0.9 - 1.1
		Day 57	2020-08-25 14:46 (30)	1.1		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-10 14:45 (-16)	11.4		9.4 - 12.5
		Unscheduled	2020-06-17 11:21 (-9)	10.6		9.4 - 12.5
		Day 29	2020-07-27 09:03 (32)	11.8		9.4 - 12.5
		Day 57	2020-08-25 14:46 (30)	13.4 (H)	G1 Prothrombin Time Increased	9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021186	Urea Nitrogen (mmol/L)	Screening	2020-06-10 14:45 (-16)	6.07		1.78 - 7.14
		Day 29	2020-07-27 09:03 (32)	6.78		1.78 - 7.14
		Day 57	2020-08-25 14:46 (30)	6.07		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-10 14:45 (-16)	28.3 (H)		7.8 - 26.7
		Day 29	2020-07-27 09:03 (32)	31.7 (H)		7.8 - 26.7
		Day 57	2020-08-25 14:46 (30)	28.3 (H)		7.8 - 26.7
US2021208	Activated Partial Thromboplastin Time (sec)	Unscheduled	2020-06-24 15:38 (-7)	35.2		25.1 - 36.5
		Day 29	2020-07-29 16:02 (29)	28.5		25.1 - 36.5
		Day 57	2020-09-08 08:48 (42)	27.9		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-17 16:49 (-14)	20		10 - 33
		Day 29	2020-07-29 16:02 (29)	18		10 - 33
		Day 57	2020-09-08 08:48 (42)	16		10 - 33

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021208	Alkaline Phosphatase (U/L)	Screening	2020-06-17 16:49 (-14)	110		30 - 115
		Day 29	2020-07-29 16:02 (29)	97		30 - 115
		Day 57	2020-09-08 08:48 (42)	109		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-17 16:49 (-14)	26		10 - 36
		Day 29	2020-07-29 16:02 (29)	20		10 - 36
		Day 57	2020-09-08 08:48 (42)	18		10 - 36
	Basophils (10^9/L)	Screening	2020-06-17 16:49 (-14)	0.05		0 - 0.3
		Day 29	2020-07-29 16:02 (29)	0.05		0 - 0.3
		Day 57	2020-09-08 08:48 (42)	0.07		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-17 16:49 (-14)	0.6		0 - 3
		Day 29	2020-07-29 16:02 (29)	0.7		0 - 3
		Day 57	2020-09-08 08:48 (42)	0.9		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021208	Bilirubin (umol/L)	Screening	2020-06-17 16:49 (-14)	3.8		- 18.8
		Day 29	2020-07-29 16:02 (29)	2.6		- 18.8
		Day 57	2020-09-08 08:48 (42)	4.3		- 18.8
	Creatinine (umol/L)	Screening	2020-06-17 16:49 (-14)	62		62 - 124
		Day 29	2020-07-29 16:02 (29)	53 (L)		62 - 124
		Day 57	2020-09-08 08:48 (42)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-17 16:49 (-14)	<3.4		0 - 6.8
		Day 29	2020-07-29 16:02 (29)	<3.4		0 - 6.8
		Day 57	2020-09-08 08:48 (42)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-17 16:49 (-14)	0.17		0 - 0.8
		Day 29	2020-07-29 16:02 (29)	0.20		0 - 0.8
		Day 57	2020-09-08 08:48 (42)	0.14		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021208	Eosinophils/Leukocytes (%)	Screening	2020-06-17 16:49 (-14)	2.2		0 - 7
		Day 29	2020-07-29 16:02 (29)	2.8		0 - 7
		Day 57	2020-09-08 08:48 (42)	1.9		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-17 16:49 (-14)	4.54		3.7 - 5.2
		Day 29	2020-07-29 16:02 (29)	4.36		3.7 - 5.2
		Day 57	2020-09-08 08:48 (42)	4.56		3.7 - 5.2
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-17 16:49 (-14)	109.3 (H)		1.7 - 21.5
	Hematocrit (L/L)	Screening	2020-06-17 16:49 (-14)	0.440		0.33 - 0.47
		Day 29	2020-07-29 16:02 (29)	0.448		0.33 - 0.47
		Day 57	2020-09-08 08:48 (42)	0.477 (H)		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-17 16:49 (-14)	139		110 - 155
		Day 29	2020-07-29 16:02 (29)	133	G1 Hemoglobin Decreased	110 - 155

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021208	Hemoglobin (g/L)	Day 57	2020-09-08 08:48 (42)	139		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-17 16:49 (-14)	0.03		0 - 0.07
		Day 29	2020-07-29 16:02 (29)	0.05		0 - 0.07
		Day 57	2020-09-08 08:48 (42)	0.05		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-17 16:49 (-14)	0.4		0 - 1
		Day 29	2020-07-29 16:02 (29)	0.7		0 - 1
		Day 57	2020-09-08 08:48 (42)	0.7		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-17 16:49 (-14)	7.88		3.7 - 11
		Day 29	2020-07-29 16:02 (29)	7.14		3.7 - 11
		Day 57	2020-09-08 08:48 (42)	7.43		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-17 16:49 (-14)	2.43		0.9 - 3.6
		Day 29	2020-07-29 16:02 (29)	2.51		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021208	Lymphocytes (10^9/L)	Day 57	2020-09-08 08:48 (42)	2.06		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-17 16:49 (-14)	30.8		12 - 46
		Day 29	2020-07-29 16:02 (29)	35.2		12 - 46
		Day 57	2020-09-08 08:48 (42)	27.7		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-17 16:49 (-14)	0.55		0 - 1.2
		Day 29	2020-07-29 16:02 (29)	0.47		0 - 1.2
		Day 57	2020-09-08 08:48 (42)	0.50		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-17 16:49 (-14)	7.0		0 - 11
		Day 29	2020-07-29 16:02 (29)	6.6		0 - 11
		Day 57	2020-09-08 08:48 (42)	6.7		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-17 16:49 (-14)	4.65		1.7 - 7.9
		Day 29	2020-07-29 16:02 (29)	3.86		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021208	Neutrophils (10^9/L)	Day 57	2020-09-08 08:48 (42)	4.61		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-17 16:49 (-14)	59.0		34 - 71
		Day 29	2020-07-29 16:02 (29)	54.0		34 - 71
		Day 57	2020-09-08 08:48 (42)	62.1		34 - 71
	Platelets (10^9/L)	Screening	2020-06-17 16:49 (-14)	257		163 - 375
		Day 29	2020-07-29 16:02 (29)	264		163 - 375
		Day 57	2020-09-08 08:48 (42)	268		163 - 375
	Prothrombin Intl. Normalized Ratio	Unscheduled	2020-06-24 15:38 (-7)	1.0		0.9 - 1.1
		Day 29	2020-07-29 16:02 (29)	0.9		0.9 - 1.1
		Day 57	2020-09-08 08:48 (42)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Unscheduled	2020-06-24 15:38 (-7)	11.9		9.4 - 12.5
		Day 29	2020-07-29 16:02 (29)	11.1		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021208	Prothrombin Time (sec)	Day 57	2020-09-08 08:48 (42)	11.4		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-17 16:49 (-14)	5.00		1.78 - 7.14
		Day 29	2020-07-29 16:02 (29)	5.71		1.78 - 7.14
		Day 57	2020-09-08 08:48 (42)	4.64		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-17 16:49 (-14)	20.0		7.8 - 26.7
		Day 29	2020-07-29 16:02 (29)	26.7		7.8 - 26.7
		Day 57	2020-09-08 08:48 (42)	21.7		7.8 - 26.7
US2021211	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-18 11:00 (-14)	32.4		25.1 - 36.5
		Day 57	2020-08-25 12:27 (26)	30.9		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-18 11:00 (-14)	26		10 - 33
		Day 57	2020-08-25 12:27 (26)	38 (H)	G1 Alanine Aminotransferase Increased	10 - 33

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021211	Alkaline Phosphatase (U/L)	Screening	2020-06-18 11:00 (-14)	81		30 - 115
		Day 57	2020-08-25 12:27 (26)	92		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-18 11:00 (-14)	32		10 - 36
		Day 57	2020-08-25 12:27 (26)	33		10 - 36
	Basophils (10^9/L)	Screening	2020-06-18 11:00 (-14)	0.05		0 - 0.3
		Day 57	2020-08-25 12:27 (26)	0.05		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-18 11:00 (-14)	0.9		0 - 3
		Day 57	2020-08-25 12:27 (26)	0.8		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-18 11:00 (-14)	13.2		- 18.8
		Day 57	2020-08-25 12:27 (26)	10.8		- 18.8
	Creatinine (umol/L)	Screening	2020-06-18 11:00 (-14)	53 (L)		62 - 124
		Day 57	2020-08-25 12:27 (26)	53 (L)		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021211	Direct Bilirubin (umol/L)	Screening	2020-06-18 11:00 (-14)	3.4		0 - 6.8
		Day 57	2020-08-25 12:27 (26)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-18 11:00 (-14)	0.09		0 - 0.8
		Day 57	2020-08-25 12:27 (26)	0.10		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-18 11:00 (-14)	1.6		0 - 7
		Day 57	2020-08-25 12:27 (26)	1.5		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-18 11:00 (-14)	4.24		3.7 - 5.2
		Day 57	2020-08-25 12:27 (26)	4.32		3.7 - 5.2
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-18 11:00 (-14)	41.6 (H)		1.7 - 21.5
	Hematocrit (L/L)	Screening	2020-06-18 11:00 (-14)	0.441		0.33 - 0.47
		Day 57	2020-08-25 12:27 (26)	0.471 (H)		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-18 11:00 (-14)	136		110 - 155

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021211	Hemoglobin (g/L)	Day 57	2020-08-25 12:27 (26)	138		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-18 11:00 (-14)	<0.03		0 - 0.07
		Day 57	2020-08-25 12:27 (26)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-18 11:00 (-14)	0.2		0 - 1
		Day 57	2020-08-25 12:27 (26)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-18 11:00 (-14)	5.63		3.7 - 11
		Day 57	2020-08-25 12:27 (26)	6.54		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-18 11:00 (-14)	2.23		0.9 - 3.6
		Day 57	2020-08-25 12:27 (26)	2.17		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-18 11:00 (-14)	39.6		12 - 46
		Day 57	2020-08-25 12:27 (26)	33.2		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-18 11:00 (-14)	0.51		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021211	Monocytes (10^9/L)	Day 57	2020-08-25 12:27 (26)	0.59		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-18 11:00 (-14)	9.1		0 - 11
		Day 57	2020-08-25 12:27 (26)	9.0		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-18 11:00 (-14)	2.74		1.7 - 7.9
		Day 57	2020-08-25 12:27 (26)	3.61		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-18 11:00 (-14)	48.6		34 - 71
		Day 57	2020-08-25 12:27 (26)	55.2		34 - 71
	Platelets (10^9/L)	Screening	2020-06-18 11:00 (-14)	246		163 - 375
		Day 57	2020-08-25 12:27 (26)	262		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-18 11:00 (-14)	1.0		0.9 - 1.1
		Day 57	2020-08-25 12:27 (26)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-18 11:00 (-14)	11.2		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021211	Prothrombin Time (sec)	Day 57	2020-08-25 12:27 (26)	11.6		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-18 11:00 (-14)	5.00		1.78 - 7.14
		Day 57	2020-08-25 12:27 (26)	5.35		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-18 11:00 (-14)	23.3		7.8 - 26.7
		Day 57	2020-08-25 12:27 (26)	25.0		7.8 - 26.7
US2021214	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-18 12:40 (-8)	33.5		25.1 - 36.5
		Day 29	2020-07-24 14:51 (29)	27.7		25.1 - 36.5
		Day 57	2020-08-20 15:39 (28)	33.9		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-18 12:40 (-8)	19		10 - 33
		Day 29	2020-07-24 14:51 (29)	12		10 - 33
		Day 57	2020-08-20 15:39 (28)	17		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-18 12:40 (-8)	79		30 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021214	Alkaline Phosphatase (U/L)	Day 29	2020-07-24 14:51 (29)	75		30 - 115
		Day 57	2020-08-20 15:39 (28)	75		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-18 12:40 (-8)	25		10 - 36
		Day 29	2020-07-24 14:51 (29)	25		10 - 36
		Day 57	2020-08-20 15:39 (28)	25		10 - 36
	Basophils (10^9/L)	Screening	2020-06-18 12:40 (-8)	0.03		0 - 0.3
		Day 29	2020-07-24 14:51 (29)	0.04		0 - 0.3
		Day 57	2020-08-20 15:39 (28)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-18 12:40 (-8)	0.3		0 - 3
		Day 29	2020-07-24 14:51 (29)	0.6		0 - 3
		Day 57	2020-08-20 15:39 (28)	0.6		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-18 12:40 (-8)	17.6		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021214	Bilirubin (umol/L)	Day 29	2020-07-24 14:51 (29)	15.2		- 18.8
		Day 57	2020-08-20 15:39 (28)	14.2		- 18.8
	Creatinine (umol/L)	Screening	2020-06-18 12:40 (-8)	62		62 - 124
		Day 29	2020-07-24 14:51 (29)	80		62 - 124
		Day 57	2020-08-20 15:39 (28)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-18 12:40 (-8)	3.6		0 - 6.8
		Day 29	2020-07-24 14:51 (29)	<3.4		0 - 6.8
		Day 57	2020-08-20 15:39 (28)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-18 12:40 (-8)	0.14		0 - 0.8
		Day 29	2020-07-24 14:51 (29)	0.19		0 - 0.8
		Day 57	2020-08-20 15:39 (28)	0.18		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-18 12:40 (-8)	1.6		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021214	Eosinophils/Leukocytes (%)	Day 29	2020-07-24 14:51 (29)	2.8		0 - 7
		Day 57	2020-08-20 15:39 (28)	3.5		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-18 12:40 (-8)	4.01		3.7 - 5.2
		Day 29	2020-07-24 14:51 (29)	3.86		3.7 - 5.2
		Day 57	2020-08-20 15:39 (28)	3.71		3.7 - 5.2
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-18 12:40 (-8)	62.2 (H)		1.7 - 21.5
	Hematocrit (L/L)	Screening	2020-06-18 12:40 (-8)	0.429		0.33 - 0.47
		Day 29	2020-07-24 14:51 (29)	0.411		0.33 - 0.47
		Day 57	2020-08-20 15:39 (28)	0.416		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-18 12:40 (-8)	132		110 - 155
		Day 29	2020-07-24 14:51 (29)	126	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-20 15:39 (28)	122	G1 Hemoglobin Decreased	110 - 155

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021214	Immature Granulocytes (10^9/L)	Screening	2020-06-18 12:40 (-8)	<0.03		0 - 0.07
		Day 29	2020-07-24 14:51 (29)	0.03		0 - 0.07
		Day 57	2020-08-20 15:39 (28)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-18 12:40 (-8)	0.1		0 - 1
		Day 29	2020-07-24 14:51 (29)	0.4		0 - 1
		Day 57	2020-08-20 15:39 (28)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-18 12:40 (-8)	8.70		3.7 - 11
		Day 29	2020-07-24 14:51 (29)	6.71		3.7 - 11
		Day 57	2020-08-20 15:39 (28)	5.11		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-18 12:40 (-8)	1.76		0.9 - 3.6
		Day 29	2020-07-24 14:51 (29)	2.12		0.9 - 3.6
		Day 57	2020-08-20 15:39 (28)	2.05		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021214	Lymphocytes/Leukocytes (%)	Screening	2020-06-18 12:40 (-8)	20.2		12 - 46
		Day 29	2020-07-24 14:51 (29)	31.6		12 - 46
		Day 57	2020-08-20 15:39 (28)	40.1		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-18 12:40 (-8)	0.53		0 - 1.2
		Day 29	2020-07-24 14:51 (29)	0.49		0 - 1.2
		Day 57	2020-08-20 15:39 (28)	0.29		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-18 12:40 (-8)	6.1		0 - 11
		Day 29	2020-07-24 14:51 (29)	7.3		0 - 11
		Day 57	2020-08-20 15:39 (28)	5.7		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-18 12:40 (-8)	6.23		1.7 - 7.9
		Day 29	2020-07-24 14:51 (29)	3.84		1.7 - 7.9
		Day 57	2020-08-20 15:39 (28)	2.55		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021214	Neutrophils/Leukocytes (%)	Screening	2020-06-18 12:40 (-8)	71.7 (H)		34 - 71
		Day 29	2020-07-24 14:51 (29)	57.3		34 - 71
		Day 57	2020-08-20 15:39 (28)	49.9		34 - 71
	Platelets (10^9/L)	Screening	2020-06-18 12:40 (-8)	261		163 - 375
		Day 29	2020-07-24 14:51 (29)	245		163 - 375
		Day 57	2020-08-20 15:39 (28)	155 (L)		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-18 12:40 (-8)	0.9		0.9 - 1.1
		Day 29	2020-07-24 14:51 (29)	0.9		0.9 - 1.1
		Day 57	2020-08-20 15:39 (28)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-18 12:40 (-8)	10.8		9.4 - 12.5
		Day 29	2020-07-24 14:51 (29)	10.8		9.4 - 12.5
		Day 57	2020-08-20 15:39 (28)	12.2		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021214	Urea Nitrogen (mmol/L)	Screening	2020-06-18 12:40 (-8)	6.78		1.78 - 7.14
		Day 29	2020-07-24 14:51 (29)	6.78		1.78 - 7.14
		Day 57	2020-08-20 15:39 (28)	6.78		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-18 12:40 (-8)	27.1 (H)		7.8 - 26.7
		Day 29	2020-07-24 14:51 (29)	21.1		7.8 - 26.7
		Day 57	2020-08-20 15:39 (28)	27.1 (H)		7.8 - 26.7
US2021215	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-18 12:30 (-11)	32.9		25.1 - 36.5
		Day 29	2020-08-03 15:36 (36)	28.2		25.1 - 36.5
		Day 57	2020-09-08 15:04 (37)	28.2		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-18 12:30 (-11)	15		10 - 33
		Day 29	2020-08-03 15:36 (36)	14		10 - 33
		Day 57	2020-09-08 15:04 (37)	16		10 - 33

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021215	Alkaline Phosphatase (U/L)	Screening	2020-06-18 12:30 (-11)	79		30 - 115
		Day 29	2020-08-03 15:36 (36)	76		30 - 115
		Day 57	2020-09-08 15:04 (37)	88		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-18 12:30 (-11)	15		10 - 36
		Day 29	2020-08-03 15:36 (36)	12		10 - 36
		Day 57	2020-09-08 15:04 (37)	16		10 - 36
	Basophils (10^9/L)	Screening	2020-06-18 12:30 (-11)	0.04		0 - 0.3
		Day 29	2020-08-03 15:36 (36)	0.03		0 - 0.3
		Day 57	2020-09-08 15:04 (37)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-18 12:30 (-11)	0.7		0 - 3
		Day 29	2020-08-03 15:36 (36)	0.4		0 - 3
		Day 57	2020-09-08 15:04 (37)	0.6		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021215	Bilirubin (umol/L)	Screening	2020-06-18 12:30 (-11)	6.0		- 18.8
		Day 29	2020-08-03 15:36 (36)	7.0		- 18.8
		Day 57	2020-09-08 15:04 (37)	4.4		- 18.8
	Creatinine (umol/L)	Screening	2020-06-18 12:30 (-11)	53 (L)		62 - 124
		Day 29	2020-08-03 15:36 (36)	53 (L)		62 - 124
		Day 57	2020-09-08 15:04 (37)	44 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-18 12:30 (-11)	<3.4		0 - 6.8
		Day 29	2020-08-03 15:36 (36)	<3.4		0 - 6.8
		Day 57	2020-09-08 15:04 (37)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-18 12:30 (-11)	0.15		0 - 0.8
		Day 29	2020-08-03 15:36 (36)	0.04		0 - 0.8
		Day 57	2020-09-08 15:04 (37)	0.11		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021215	Eosinophils/Leukocytes (%)	Screening	2020-06-18 12:30 (-11)	2.5		0 - 7
		Day 29	2020-08-03 15:36 (36)	0.5		0 - 7
		Day 57	2020-09-08 15:04 (37)	1.6		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-18 12:30 (-11)	4.49		3.7 - 5.2
		Day 29	2020-08-03 15:36 (36)	4.46		3.7 - 5.2
		Day 57	2020-09-08 15:04 (37)	4.46		3.7 - 5.2
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-18 12:30 (-11)	103.8 (H)		1.7 - 21.5
		Day 57	2020-09-08 (72)	95.6 (H)		1.7 - 21.5
	Hematocrit (L/L)	Screening	2020-06-18 12:30 (-11)	0.456		0.33 - 0.47
		Day 29	2020-08-03 15:36 (36)	0.438		0.33 - 0.47
		Day 57	2020-09-08 15:04 (37)	0.465		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-18 12:30 (-11)	148		110 - 155
		Day 29	2020-08-03 15:36 (36)	146	G1 Hemoglobin Decreased	110 - 155

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021215	Hemoglobin (g/L)	Day 57	2020-09-08 15:04 (37)	143	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-18 12:30 (-11)	<0.03		0 - 0.07
		Day 29	2020-08-03 15:36 (36)	<0.03		0 - 0.07
		Day 57	2020-09-08 15:04 (37)	0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-18 12:30 (-11)	0.2		0 - 1
		Day 29	2020-08-03 15:36 (36)	0.3		0 - 1
		Day 57	2020-09-08 15:04 (37)	0.4		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-18 12:30 (-11)	5.94		3.7 - 11
		Day 29	2020-08-03 15:36 (36)	7.71		3.7 - 11
		Day 57	2020-09-08 15:04 (37)	7.01		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-18 12:30 (-11)	2.28		0.9 - 3.6
		Day 29	2020-08-03 15:36 (36)	1.73		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021215	Lymphocytes (10^9/L)	Day 57	2020-09-08 15:04 (37)	1.49		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-18 12:30 (-11)	38.4		12 - 46
		Day 29	2020-08-03 15:36 (36)	22.4		12 - 46
		Day 57	2020-09-08 15:04 (37)	21.3		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-18 12:30 (-11)	0.43		0 - 1.2
		Day 29	2020-08-03 15:36 (36)	0.32		0 - 1.2
		Day 57	2020-09-08 15:04 (37)	0.54		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-18 12:30 (-11)	7.2		0 - 11
		Day 29	2020-08-03 15:36 (36)	4.2		0 - 11
		Day 57	2020-09-08 15:04 (37)	7.7		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-18 12:30 (-11)	3.03		1.7 - 7.9
		Day 29	2020-08-03 15:36 (36)	5.57		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021215	Neutrophils (10^9/L)	Day 57	2020-09-08 15:04 (37)	4.80		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-18 12:30 (-11)	51.0		34 - 71
		Day 29	2020-08-03 15:36 (36)	72.2 (H)		34 - 71
		Day 57	2020-09-08 15:04 (37)	68.4		34 - 71
	Platelets (10^9/L)	Screening	2020-06-18 12:30 (-11)	239		163 - 375
		Day 29	2020-08-03 15:36 (36)	253		163 - 375
		Day 57	2020-09-08 15:04 (37)	221		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-18 12:30 (-11)	0.9		0.9 - 1.1
		Day 29	2020-08-03 15:36 (36)	0.9		0.9 - 1.1
		Day 57	2020-09-08 15:04 (37)	0.8 (L)		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-18 12:30 (-11)	10.6		9.4 - 12.5
		Day 29	2020-08-03 15:36 (36)	10.5		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021215	Prothrombin Time (sec)	Day 57	2020-09-08 15:04 (37)	10.3		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-18 12:30 (-11)	6.43		1.78 - 7.14
		Day 29	2020-08-03 15:36 (36)	5.71		1.78 - 7.14
		Day 57	2020-09-08 15:04 (37)	6.78		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-18 12:30 (-11)	30.0 (H)		7.8 - 26.7
		Day 29	2020-08-03 15:36 (36)	26.7		7.8 - 26.7
		Day 57	2020-09-08 15:04 (37)	38.0 (H)		7.8 - 26.7
US2021218	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-23 10:25 (-7)	30.3		25.1 - 36.5
		Day 57	2020-08-25 17:08 (26)	35.9		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-23 10:25 (-7)	18		10 - 33
		Day 57	2020-08-25 17:08 (26)	20		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-23 10:25 (-7)	81		30 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021218	Alkaline Phosphatase (U/L)	Day 57	2020-08-25 17:08 (26)	76		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-23 10:25 (-7)	26		10 - 36
		Day 57	2020-08-25 17:08 (26)	29		10 - 36
	Basophils (10^9/L)	Screening	2020-06-23 10:25 (-7)	0.03		0 - 0.3
		Day 57	2020-08-25 17:08 (26)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-23 10:25 (-7)	0.5		0 - 3
		Day 57	2020-08-25 17:08 (26)	0.4		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-23 10:25 (-7)	7.2		- 18.8
		Day 57	2020-08-25 17:08 (26)	6.5		- 18.8
	Creatinine (umol/L)	Screening	2020-06-23 10:25 (-7)	44 (L)		62 - 124
		Day 57	2020-08-25 17:08 (26)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-23 10:25 (-7)	<3.4		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021218	Direct Bilirubin (umol/L)	Day 57	2020-08-25 17:08 (26)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-23 10:25 (-7)	0.12		0 - 0.8
		Day 57	2020-08-25 17:08 (26)	0.08		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-23 10:25 (-7)	2.1		0 - 7
		Day 57	2020-08-25 17:08 (26)	1.2		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-23 10:25 (-7)	4.34		3.7 - 5.2
		Day 57	2020-08-25 17:08 (26)	4.26		3.7 - 5.2
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-23 10:25 (-7)	50.5 (H)		1.7 - 21.5
	Hematocrit (L/L)	Screening	2020-06-23 10:25 (-7)	0.464		0.33 - 0.47
		Day 57	2020-08-25 17:08 (26)	0.449		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-23 10:25 (-7)	140		110 - 155
		Day 57	2020-08-25 17:08 (26)	135	G1 Hemoglobin Decreased	110 - 155

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021218	Immature Granulocytes (10^9/L)	Screening	2020-06-23 10:25 (-7)	<0.03		0 - 0.07
		Day 57	2020-08-25 17:08 (26)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-23 10:25 (-7)	0.2		0 - 1
		Day 57	2020-08-25 17:08 (26)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-23 10:25 (-7)	5.69		3.7 - 11
		Day 57	2020-08-25 17:08 (26)	6.90		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-23 10:25 (-7)	1.59		0.9 - 3.6
		Day 57	2020-08-25 17:08 (26)	1.98		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-23 10:25 (-7)	27.9		12 - 46
		Day 57	2020-08-25 17:08 (26)	28.7		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-23 10:25 (-7)	0.49		0 - 1.2
		Day 57	2020-08-25 17:08 (26)	0.55		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021218	Monocytes/Leukocytes (%)	Screening	2020-06-23 10:25 (-7)	8.6		0 - 11
		Day 57	2020-08-25 17:08 (26)	8.0		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-23 10:25 (-7)	3.45		1.7 - 7.9
		Day 57	2020-08-25 17:08 (26)	4.24		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-23 10:25 (-7)	60.7		34 - 71
		Day 57	2020-08-25 17:08 (26)	61.4		34 - 71
	Platelets (10^9/L)	Screening	2020-06-23 10:25 (-7)	204		163 - 375
		Day 57	2020-08-25 17:08 (26)	182		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-23 10:25 (-7)	1.0		0.9 - 1.1
		Day 57	2020-08-25 17:08 (26)	1.2 (H)		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-23 10:25 (-7)	11.4		9.4 - 12.5
		Day 57	2020-08-25 17:08 (26)	14.0 (H)	G2 Prothrombin Time Increased	9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021218	Urea Nitrogen (mmol/L)	Screening	2020-06-23 10:25 (-7)	4.28		1.78 - 7.14
		Day 57	2020-08-25 17:08 (26)	9.64 (H)	G2 Blood Urea Nitrogen Increased	1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-23 10:25 (-7)	24.0		7.8 - 26.7
		Day 57	2020-08-25 17:08 (26)	38.6 (H)		7.8 - 26.7
US2021232	Activated Partial Thromboplastin Time (sec)	Screening	2020-07-02 13:05 (-4)	33.4		25.1 - 36.5
		Day 29	2020-08-06 10:42 (32)	28.5		25.1 - 36.5
		Day 57	2020-09-10 12:44 (36)	27.7		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-07-02 13:05 (-4)	15		10 - 33
		Day 29	2020-08-06 10:42 (32)	26		10 - 33
		Day 57	2020-09-10 12:44 (36)	13		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-07-02 13:05 (-4)	89		30 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021232	Alkaline Phosphatase (U/L)	Day 29	2020-08-06 10:42 (32)	89		30 - 115
		Day 57	2020-09-10 12:44 (36)	88		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-07-02 13:05 (-4)	21		10 - 36
		Day 29	2020-08-06 10:42 (32)	43 (H)	G1 Aspartate Aminotransferase Increased	10 - 36
		Day 57	2020-09-10 12:44 (36)	17		10 - 36
	Basophils (10^9/L)	Screening	2020-07-02 13:05 (-4)	0.05		0 - 0.3
		Day 29	2020-08-06 10:42 (32)	0.06		0 - 0.3
		Day 57	2020-09-10 12:44 (36)	0.07		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-07-02 13:05 (-4)	0.9		0 - 3
		Day 29	2020-08-06 10:42 (32)	1.2		0 - 3
		Day 57	2020-09-10 12:44 (36)	1.3		0 - 3
	Bilirubin (umol/L)	Screening	2020-07-02 13:05 (-4)	5.8		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021232	Bilirubin (umol/L)	Day 29	2020-08-06 10:42 (32)	5.8		- 18.8
		Day 57	2020-09-10 12:44 (36)	5.8		- 18.8
	Creatinine (umol/L)	Screening	2020-07-02 13:05 (-4)	71		62 - 124
		Day 29	2020-08-06 10:42 (32)	71		62 - 124
		Day 57	2020-09-10 12:44 (36)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-07-02 13:05 (-4)	<3.4		0 - 6.8
		Day 29	2020-08-06 10:42 (32)	<3.4		0 - 6.8
		Day 57	2020-09-10 12:44 (36)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-07-02 13:05 (-4)	0.26		0 - 0.8
		Day 29	2020-08-06 10:42 (32)	0.32		0 - 0.8
		Day 57	2020-09-10 12:44 (36)	0.31		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-07-02 13:05 (-4)	4.5		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021232	Eosinophils/Leukocytes (%)	Day 29	2020-08-06 10:42 (32)	6.2		0 - 7
		Day 57	2020-09-10 12:44 (36)	5.6		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-07-02 13:05 (-4)	4.24		3.7 - 5.2
		Day 29	2020-08-06 10:42 (32)	4.37		3.7 - 5.2
		Day 57	2020-09-10 12:44 (36)	4.24		3.7 - 5.2
	Follicle Stimulating Hormone (IU/L)	Screening	2020-07-02 13:05 (-4)	92.0 (H)		1.7 - 21.5
	Hematocrit (L/L)	Screening	2020-07-02 13:05 (-4)	0.445		0.33 - 0.47
		Day 29	2020-08-06 10:42 (32)	0.443		0.33 - 0.47
		Day 57	2020-09-10 12:44 (36)	0.481 (H)		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-07-02 13:05 (-4)	137		110 - 155
		Day 29	2020-08-06 10:42 (32)	136	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-09-10 12:44 (36)	133	G1 Hemoglobin Decreased	110 - 155

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021232	Immature Granulocytes (10^9/L)	Screening	2020-07-02 13:05 (-4)	<0.03		0 - 0.07
		Day 29	2020-08-06 10:42 (32)	<0.03		0 - 0.07
		Day 57	2020-09-10 12:44 (36)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-07-02 13:05 (-4)	0.2		0 - 1
		Day 29	2020-08-06 10:42 (32)	0.4		0 - 1
		Day 57	2020-09-10 12:44 (36)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-07-02 13:05 (-4)	5.78		3.7 - 11
		Day 29	2020-08-06 10:42 (32)	5.20		3.7 - 11
		Day 57	2020-09-10 12:44 (36)	5.53		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-07-02 13:05 (-4)	1.42		0.9 - 3.6
		Day 29	2020-08-06 10:42 (32)	1.38		0.9 - 3.6
		Day 57	2020-09-10 12:44 (36)	1.60		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021232	Lymphocytes/Leukocytes (%)	Screening	2020-07-02 13:05 (-4)	24.6		12 - 46
		Day 29	2020-08-06 10:42 (32)	26.5		12 - 46
		Day 57	2020-09-10 12:44 (36)	28.9		12 - 46
	Monocytes (10^9/L)	Screening	2020-07-02 13:05 (-4)	0.51		0 - 1.2
		Day 29	2020-08-06 10:42 (32)	0.57		0 - 1.2
		Day 57	2020-09-10 12:44 (36)	0.47		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-07-02 13:05 (-4)	8.8		0 - 11
		Day 29	2020-08-06 10:42 (32)	11.0		0 - 11
		Day 57	2020-09-10 12:44 (36)	8.5		0 - 11
	Neutrophils (10^9/L)	Screening	2020-07-02 13:05 (-4)	3.53		1.7 - 7.9
		Day 29	2020-08-06 10:42 (32)	2.85		1.7 - 7.9
		Day 57	2020-09-10 12:44 (36)	3.07		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021232	Neutrophils/Leukocytes (%)	Screening	2020-07-02 13:05 (-4)	61.0		34 - 71
		Day 29	2020-08-06 10:42 (32)	54.7		34 - 71
		Day 57	2020-09-10 12:44 (36)	55.5		34 - 71
	Platelets (10^9/L)	Screening	2020-07-02 13:05 (-4)	310		163 - 375
		Day 29	2020-08-06 10:42 (32)	314		163 - 375
		Day 57	2020-09-10 12:44 (36)	284		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-07-02 13:05 (-4)	1.1		0.9 - 1.1
		Day 29	2020-08-06 10:42 (32)	1.0		0.9 - 1.1
		Day 57	2020-09-10 12:44 (36)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-07-02 13:05 (-4)	12.4		9.4 - 12.5
		Day 29	2020-08-06 10:42 (32)	11.6		9.4 - 12.5
		Day 57	2020-09-10 12:44 (36)	11.5		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021232	Urea Nitrogen (mmol/L)	Screening	2020-07-02 13:05 (-4)	4.28		1.78 - 7.14
		Day 29	2020-08-06 10:42 (32)	6.07		1.78 - 7.14
		Day 57	2020-09-10 12:44 (36)	4.28		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-07-02 13:05 (-4)	15.0		7.8 - 26.7
		Day 29	2020-08-06 10:42 (32)	21.2		7.8 - 26.7
		Day 57	2020-09-10 12:44 (36)	17.1		7.8 - 26.7
US2021234	Activated Partial Thromboplastin Time (sec)	Screening	2020-07-02 15:14 (-5)	30.0		25.1 - 36.5
		Day 29	2020-08-04 10:38 (29)	27.5		25.1 - 36.5
		Day 57	2020-09-03 10:50 (31)	29.4		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-07-02 15:14 (-5)	26		10 - 33
		Day 29	2020-08-04 10:38 (29)	35 (H)		10 - 33
		Day 57	2020-09-03 10:50 (31)	32		10 - 33

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021234	Alkaline Phosphatase (U/L)	Screening	2020-07-02 15:14 (-5)	66		30 - 115
		Day 29	2020-08-04 10:38 (29)	53		30 - 115
		Day 57	2020-09-03 10:50 (31)	49		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-07-02 15:14 (-5)	19		10 - 36
		Day 29	2020-08-04 10:38 (29)	28		10 - 36
		Day 57	2020-09-03 10:50 (31)	29		10 - 36
	Basophils (10^9/L)	Screening	2020-07-02 15:14 (-5)	0.04		0 - 0.3
		Day 29	2020-08-04 10:38 (29)	0.05		0 - 0.3
		Day 57	2020-09-03 10:50 (31)	0.06		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-07-02 15:14 (-5)	0.4		0 - 3
		Day 29	2020-08-04 10:38 (29)	0.9		0 - 3
		Day 57	2020-09-03 10:50 (31)	1.2		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021234	Bilirubin (umol/L)	Screening	2020-07-02 15:14 (-5)	11.6		- 18.8
		Day 29	2020-08-04 10:38 (29)	6.5		- 18.8
		Day 57	2020-09-03 10:50 (31)	6.3		- 18.8
	Creatinine (umol/L)	Screening	2020-07-02 15:14 (-5)	53 (L)		62 - 124
		Day 29	2020-08-04 10:38 (29)	53 (L)		62 - 124
		Day 57	2020-09-03 10:50 (31)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-07-02 15:14 (-5)	<3.4		0 - 6.8
		Day 29	2020-08-04 10:38 (29)	<3.4		0 - 6.8
		Day 57	2020-09-03 10:50 (31)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-07-02 15:14 (-5)	0.11		0 - 0.8
		Day 29	2020-08-04 10:38 (29)	0.22		0 - 0.8
		Day 57	2020-09-03 10:50 (31)	0.22		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021234	Eosinophils/Leukocytes (%)	Screening	2020-07-02 15:14 (-5)	1.2		0 - 7
		Day 29	2020-08-04 10:38 (29)	3.9		0 - 7
		Day 57	2020-09-03 10:50 (31)	4.5		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-07-02 15:14 (-5)	4.31		3.7 - 5.2
		Day 29	2020-08-04 10:38 (29)	4.26		3.7 - 5.2
		Day 57	2020-09-03 10:50 (31)	4.48		3.7 - 5.2
	Follicle Stimulating Hormone (IU/L)	Screening	2020-07-02 15:14 (-5)	85.0 (H)		1.7 - 21.5
	Hematocrit (L/L)	Screening	2020-07-02 15:14 (-5)	0.434		0.33 - 0.47
		Day 29	2020-08-04 10:38 (29)	0.402		0.33 - 0.47
		Day 57	2020-09-03 10:50 (31)	0.495 (H)		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-07-02 15:14 (-5)	134		110 - 155
		Day 29	2020-08-04 10:38 (29)	131	G1 Hemoglobin Decreased	110 - 155

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021234	Hemoglobin (g/L)	Day 57	2020-09-03 10:50 (31)	136		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-07-02 15:14 (-5)	0.03		0 - 0.07
		Day 29	2020-08-04 10:38 (29)	0.03		0 - 0.07
		Day 57	2020-09-03 10:50 (31)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-07-02 15:14 (-5)	0.3		0 - 1
		Day 29	2020-08-04 10:38 (29)	0.5		0 - 1
		Day 57	2020-09-03 10:50 (31)	0.0		0 - 1
	Leukocytes (10^9/L)	Screening	2020-07-02 15:14 (-5)	8.97		3.7 - 11
		Day 29	2020-08-04 10:38 (29)	5.62		3.7 - 11
		Day 57	2020-09-03 10:50 (31)	4.88		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-07-02 15:14 (-5)	2.02		0.9 - 3.6
		Day 29	2020-08-04 10:38 (29)	2.09		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021234	Lymphocytes (10^9/L)	Day 57	2020-09-03 10:50 (31)	1.98		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-07-02 15:14 (-5)	22.5		12 - 46
		Day 29	2020-08-04 10:38 (29)	37.2		12 - 46
		Day 57	2020-09-03 10:50 (31)	40.6		12 - 46
	Monocytes (10^9/L)	Screening	2020-07-02 15:14 (-5)	0.64		0 - 1.2
		Day 29	2020-08-04 10:38 (29)	0.41		0 - 1.2
		Day 57	2020-09-03 10:50 (31)	0.37		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-07-02 15:14 (-5)	7.1		0 - 11
		Day 29	2020-08-04 10:38 (29)	7.3		0 - 11
		Day 57	2020-09-03 10:50 (31)	7.6		0 - 11
	Neutrophils (10^9/L)	Screening	2020-07-02 15:14 (-5)	6.13		1.7 - 7.9
		Day 29	2020-08-04 10:38 (29)	2.82		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021234	Neutrophils (10^9/L)	Day 57	2020-09-03 10:50 (31)	2.25		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-07-02 15:14 (-5)	68.5		34 - 71
		Day 29	2020-08-04 10:38 (29)	50.2		34 - 71
		Day 57	2020-09-03 10:50 (31)	46.1		34 - 71
	Platelets (10^9/L)	Screening	2020-07-02 15:14 (-5)	186		163 - 375
		Day 29	2020-08-04 10:38 (29)	195		163 - 375
		Day 57	2020-09-03 10:50 (31)	207		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-07-02 15:14 (-5)	1.0		0.9 - 1.1
		Day 29	2020-08-04 10:38 (29)	0.9		0.9 - 1.1
		Day 57	2020-09-03 10:50 (31)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-07-02 15:14 (-5)	11.4		9.4 - 12.5
		Day 29	2020-08-04 10:38 (29)	10.7		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2021234	Prothrombin Time (sec)	Day 57	2020-09-03 10:50 (31)	12.0		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-07-02 15:14 (-5)	3.93		1.78 - 7.14
		Day 29	2020-08-04 10:38 (29)	7.14		1.78 - 7.14
		Day 57	2020-09-03 10:50 (31)	6.07		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-07-02 15:14 (-5)	18.3		7.8 - 26.7
		Day 29	2020-08-04 10:38 (29)	33.3 (H)		7.8 - 26.7
		Day 57	2020-09-03 10:50 (31)	24.3		7.8 - 26.7
US2031091	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-08 14:22 (-18)	32.7		25.1 - 36.5
		Day 29	2020-07-27 09:53 (32)	28.2		25.1 - 36.5
		Day 57	2020-08-24 09:11 (29)	29.3		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-08 14:22 (-18)	18		10 - 33
		Unscheduled	2020-06-10 11:41 (-16)	17		10 - 33

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031091	Alanine Aminotransferase (U/L)	Day 29	2020-07-27 09:53 (32)	25		10 - 33
		Day 57	2020-08-24 09:11 (29)	19		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-08 14:22 (-18)	127 (H)	G1 Alkaline Phosphatase Increased	30 - 115
		Unscheduled	2020-06-10 11:41 (-16)	112		30 - 115
		Day 29	2020-07-27 09:53 (32)	124 (H)		30 - 115
		Day 57	2020-08-24 09:11 (29)	119 (H)		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-08 14:22 (-18)	21		10 - 36
		Unscheduled	2020-06-10 11:41 (-16)	22		10 - 36
		Day 29	2020-07-27 09:53 (32)	26		10 - 36
		Day 57	2020-08-24 09:11 (29)	21		10 - 36
	Basophils (10^9/L)	Screening	2020-06-08 14:22 (-18)	0.04		0 - 0.3
		Day 29	2020-07-27 09:53 (32)	<0.03		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031091	Basophils (10^9/L)	Day 57	2020-08-24 09:11 (29)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-08 14:22 (-18)	0.7		0 - 3
		Day 29	2020-07-27 09:53 (32)	0.3		0 - 3
		Day 57	2020-08-24 09:11 (29)	0.9		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-08 14:22 (-18)	19.5 (H)		- 18.8
		Unscheduled	2020-06-10 11:41 (-16)	16.2		- 18.8
		Day 29	2020-07-27 09:53 (32)	14.2		- 18.8
		Day 57	2020-08-24 09:11 (29)	16.4		- 18.8
	Creatinine (umol/L)	Screening	2020-06-08 14:22 (-18)	44 (L)		62 - 124
		Unscheduled	2020-06-10 11:41 (-16)	44 (L)		62 - 124
		Day 29	2020-07-27 09:53 (32)	44 (L)		62 - 124
		Day 57	2020-08-24 09:11 (29)	44 (L)		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031091	Direct Bilirubin (umol/L)	Screening	2020-06-08 14:22 (-18)	3.9		0 - 6.8
		Unscheduled	2020-06-10 11:41 (-16)	3.4		0 - 6.8
		Day 29	2020-07-27 09:53 (32)	3.9		0 - 6.8
		Day 57	2020-08-24 09:11 (29)	3.8		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-08 14:22 (-18)	0.07		0 - 0.8
		Day 29	2020-07-27 09:53 (32)	0.06		0 - 0.8
		Day 57	2020-08-24 09:11 (29)	0.16		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-08 14:22 (-18)	1.2		0 - 7
		Day 29	2020-07-27 09:53 (32)	0.9		0 - 7
		Day 57	2020-08-24 09:11 (29)	3.8		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-08 14:22 (-18)	4.66		3.7 - 5.2
		Day 29	2020-07-27 09:53 (32)	4.65		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031091	Erythrocytes (10^12/L)	Day 57	2020-08-24 09:11 (29)	4.55		3.7 - 5.2
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-08 14:22 (-18)	42.9 (H)		1.7 - 21.5
	Hematocrit (L/L)	Screening	2020-06-08 14:22 (-18)	0.459		0.33 - 0.47
		Day 29	2020-07-27 09:53 (32)	0.463		0.33 - 0.47
		Day 57	2020-08-24 09:11 (29)	0.447		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-08 14:22 (-18)	144		110 - 155
		Day 29	2020-07-27 09:53 (32)	139	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-24 09:11 (29)	136	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-08 14:22 (-18)	<0.03		0 - 0.07
		Day 29	2020-07-27 09:53 (32)	<0.03		0 - 0.07
		Day 57	2020-08-24 09:11 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-08 14:22 (-18)	0.3		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031091	Immature Granulocytes/Leukocytes (%)	Day 29	2020-07-27 09:53 (32)	0.3		0 - 1
		Day 57	2020-08-24 09:11 (29)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-08 14:22 (-18)	5.82		3.7 - 11
		Day 29	2020-07-27 09:53 (32)	6.52		3.7 - 11
		Day 57	2020-08-24 09:11 (29)	4.23		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-08 14:22 (-18)	1.79		0.9 - 3.6
		Day 29	2020-07-27 09:53 (32)	1.39		0.9 - 3.6
		Day 57	2020-08-24 09:11 (29)	1.59		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-08 14:22 (-18)	30.8		12 - 46
		Day 29	2020-07-27 09:53 (32)	21.3		12 - 46
		Day 57	2020-08-24 09:11 (29)	37.6		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-08 14:22 (-18)	0.55		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031091	Monocytes (10^9/L)	Day 29	2020-07-27 09:53 (32)	0.47		0 - 1.2
		Day 57	2020-08-24 09:11 (29)	0.41		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-08 14:22 (-18)	9.5		0 - 11
		Day 29	2020-07-27 09:53 (32)	7.2		0 - 11
		Day 57	2020-08-24 09:11 (29)	9.7		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-08 14:22 (-18)	3.35		1.7 - 7.9
		Day 29	2020-07-27 09:53 (32)	4.56		1.7 - 7.9
		Day 57	2020-08-24 09:11 (29)	2.02		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-08 14:22 (-18)	57.5		34 - 71
		Day 29	2020-07-27 09:53 (32)	70.0		34 - 71
		Day 57	2020-08-24 09:11 (29)	47.8		34 - 71
	Platelets (10^9/L)	Screening	2020-06-08 14:22 (-18)	304		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031091	Platelets (10^9/L)	Day 29	2020-07-27 09:53 (32)	311		163 - 375
		Day 57	2020-08-24 09:11 (29)	269		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-08 14:22 (-18)	1.0		0.9 - 1.1
		Day 29	2020-07-27 09:53 (32)	0.9		0.9 - 1.1
		Day 57	2020-08-24 09:11 (29)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-08 14:22 (-18)	11.6		9.4 - 12.5
		Day 29	2020-07-27 09:53 (32)	11.4		9.4 - 12.5
		Day 57	2020-08-24 09:11 (29)	12.4		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-08 14:22 (-18)	6.07		1.78 - 7.14
		Unscheduled	2020-06-10 11:41 (-16)	6.07		1.78 - 7.14
		Day 29	2020-07-27 09:53 (32)	5.35		1.78 - 7.14
		Day 57	2020-08-24 09:11 (29)	6.07		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031091	Urea Nitrogen/Creatinine	Screening	2020-06-08 14:22 (-18)	34.0 (H)		7.8 - 26.7
		Unscheduled	2020-06-10 11:41 (-16)	34.0 (H)		7.8 - 26.7
		Day 29	2020-07-27 09:53 (32)	30.0 (H)		7.8 - 26.7
		Day 57	2020-08-24 09:11 (29)	34.0 (H)		7.8 - 26.7
US2031093	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-08 16:10 (-23)	36.9 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
		Unscheduled	2020-06-16 12:25 (-15)	34.7		25.1 - 36.5
		Day 29	2020-07-31 10:55 (31)	30.7		25.1 - 36.5
		Day 57	2020-09-04 12:28 (36)	41.9 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-08 16:10 (-23)	23		10 - 33
		Day 29	2020-07-31 10:55 (31)	17		10 - 33

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031093	Alkaline Phosphatase (U/L)	Screening	2020-06-08 16:10 (-23)	62		30 - 115
		Day 29	2020-07-31 10:55 (31)	58		30 - 115
		Day 57	2020-09-04 12:28 (36)	64		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-08 16:10 (-23)	28		10 - 36
		Day 29	2020-07-31 10:55 (31)	27		10 - 36
	Basophils (10^9/L)	Screening	2020-06-08 16:10 (-23)	0.04		0 - 0.3
		Day 29	2020-07-31 10:55 (31)	0.05		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-08 16:10 (-23)	0.7		0 - 3
		Day 29	2020-07-31 10:55 (31)	1.1		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-08 16:10 (-23)	7.7		- 18.8
		Day 29	2020-07-31 10:55 (31)	5.3		- 18.8
	Creatinine (umol/L)	Screening	2020-06-08 16:10 (-23)	71		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031093	Creatinine (umol/L)	Day 29	2020-07-31 10:55 (31)	71		62 - 124
		Day 57	2020-09-04 12:28 (36)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-08 16:10 (-23)	<3.4		0 - 6.8
		Day 29	2020-07-31 10:55 (31)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-08 16:10 (-23)	0.17		0 - 0.8
		Day 29	2020-07-31 10:55 (31)	0.14		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-08 16:10 (-23)	3.0		0 - 7
		Day 29	2020-07-31 10:55 (31)	3.0		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-08 16:10 (-23)	4.44		3.7 - 5.2
		Day 29	2020-07-31 10:55 (31)	4.51		3.7 - 5.2
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-08 16:10 (-23)	99.6 (H)		1.7 - 21.5
	Hematocrit (L/L)	Screening	2020-06-08 16:10 (-23)	0.449		0.33 - 0.47

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031093	Hematocrit (L/L)	Day 29	2020-07-31 10:55 (31)	0.460		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-08 16:10 (-23)	137		110 - 155
		Day 29	2020-07-31 10:55 (31)	140		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-08 16:10 (-23)	<0.03		0 - 0.07
		Day 29	2020-07-31 10:55 (31)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-08 16:10 (-23)	0.2		0 - 1
		Day 29	2020-07-31 10:55 (31)	0.0		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-08 16:10 (-23)	5.68		3.7 - 11
		Day 29	2020-07-31 10:55 (31)	4.72		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-08 16:10 (-23)	1.35		0.9 - 3.6
		Day 29	2020-07-31 10:55 (31)	1.19		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-08 16:10 (-23)	23.8		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031093	Lymphocytes/Leukocytes (%)	Day 29	2020-07-31 10:55 (31)	25.2		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-08 16:10 (-23)	0.50		0 - 1.2
		Day 29	2020-07-31 10:55 (31)	0.35		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-08 16:10 (-23)	8.8		0 - 11
		Day 29	2020-07-31 10:55 (31)	7.4		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-08 16:10 (-23)	3.61		1.7 - 7.9
		Day 29	2020-07-31 10:55 (31)	2.99		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-08 16:10 (-23)	63.5		34 - 71
		Day 29	2020-07-31 10:55 (31)	63.3		34 - 71
	Platelets (10^9/L)	Screening	2020-06-08 16:10 (-23)	240		163 - 375
		Day 29	2020-07-31 10:55 (31)	234		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-08 16:10 (-23)	1.0		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031093	Prothrombin Intl. Normalized Ratio	Unscheduled	2020-06-16 12:25 (-15)	0.9		0.9 - 1.1
		Day 29	2020-07-31 10:55 (31)	1.0		0.9 - 1.1
		Day 57	2020-09-04 12:28 (36)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-08 16:10 (-23)	11.6		9.4 - 12.5
		Unscheduled	2020-06-16 12:25 (-15)	11.0		9.4 - 12.5
		Day 29	2020-07-31 10:55 (31)	11.6		9.4 - 12.5
		Day 57	2020-09-04 12:28 (36)	11.7		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-08 16:10 (-23)	3.93		1.78 - 7.14
		Day 29	2020-07-31 10:55 (31)	3.21		1.78 - 7.14
		Day 57	2020-09-04 12:28 (36)	4.28		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-08 16:10 (-23)	13.8		7.8 - 26.7
		Day 29	2020-07-31 10:55 (31)	11.2		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031093	Urea Nitrogen/Creatinine	Day 57	2020-09-04 12:28 (36)	15.0		7.8 - 26.7
US2031101	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-09 16:09 (-20)	33.6		25.1 - 36.5
		Day 29	2020-08-03 16:10 (36)	30.9		25.1 - 36.5
		Day 57	2020-09-01 16:10 (30)	32.5		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-09 16:09 (-20)	14		10 - 33
		Day 29	2020-08-03 16:10 (36)	9 (L)		10 - 33
		Day 57	2020-09-01 16:10 (30)	13		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-09 16:09 (-20)	73		30 - 115
		Day 29	2020-08-03 16:10 (36)	80		30 - 115
		Day 57	2020-09-01 16:10 (30)	83		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-09 16:09 (-20)	21		10 - 36
		Day 29	2020-08-03 16:10 (36)	20		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031101	Aspartate Aminotransferase (U/L)	Day 57	2020-09-01 16:10 (30)	18		10 - 36
	Basophils (10^9/L)	Screening	2020-06-09 16:09 (-20)	0.04		0 - 0.3
		Day 29	2020-08-03 16:10 (36)	0.03		0 - 0.3
		Day 57	2020-09-01 16:10 (30)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-09 16:09 (-20)	0.8		0 - 3
		Day 29	2020-08-03 16:10 (36)	0.5		0 - 3
		Day 57	2020-09-01 16:10 (30)	0.6		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-09 16:09 (-20)	5.0		- 18.8
		Day 29	2020-08-03 16:10 (36)	3.9		- 18.8
		Day 57	2020-09-01 16:10 (30)	3.6		- 18.8
	Creatinine (umol/L)	Screening	2020-06-09 16:09 (-20)	53 (L)		62 - 124
		Day 29	2020-08-03 16:10 (36)	53 (L)		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031101	Creatinine (umol/L)	Day 57	2020-09-01 16:10 (30)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-09 16:09 (-20)	<3.4		0 - 6.8
		Day 29	2020-08-03 16:10 (36)	<3.4		0 - 6.8
		Day 57	2020-09-01 16:10 (30)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-09 16:09 (-20)	0.06		0 - 0.8
		Day 29	2020-08-03 16:10 (36)	0.08		0 - 0.8
		Day 57	2020-09-01 16:10 (30)	0.04		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-09 16:09 (-20)	1.3		0 - 7
		Day 29	2020-08-03 16:10 (36)	1.4		0 - 7
		Day 57	2020-09-01 16:10 (30)	0.8		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-09 16:09 (-20)	3.69 (L)		3.7 - 5.2
		Day 29	2020-08-03 16:10 (36)	3.64 (L)		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031101	Erythrocytes (10^12/L)	Day 57	2020-09-01 16:10 (30)	3.83		3.7 - 5.2
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-09 16:09 (-20)	63.6 (H)		1.7 - 21.5
	Hematocrit (L/L)	Screening	2020-06-09 16:09 (-20)	0.365		0.33 - 0.47
		Day 29	2020-08-03 16:10 (36)	0.361		0.33 - 0.47
		Day 57	2020-09-01 16:10 (30)	0.385		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-09 16:09 (-20)	116	G1 Hemoglobin Decreased	110 - 155
		Day 29	2020-08-03 16:10 (36)	118	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-09-01 16:10 (30)	121		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-09 16:09 (-20)	<0.03		0 - 0.07
		Day 29	2020-08-03 16:10 (36)	<0.03		0 - 0.07
		Day 57	2020-09-01 16:10 (30)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-09 16:09 (-20)	0.0		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031101	Immature Granulocytes/Leukocytes (%)	Day 29	2020-08-03 16:10 (36)	0.2		0 - 1
		Day 57	2020-09-01 16:10 (30)	0.0		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-09 16:09 (-20)	4.73		3.7 - 11
		Day 29	2020-08-03 16:10 (36)	5.74		3.7 - 11
		Day 57	2020-09-01 16:10 (30)	5.04		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-09 16:09 (-20)	1.98		0.9 - 3.6
		Day 29	2020-08-03 16:10 (36)	2.29		0.9 - 3.6
		Day 57	2020-09-01 16:10 (30)	2.06		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-09 16:09 (-20)	41.9		12 - 46
		Day 29	2020-08-03 16:10 (36)	39.9		12 - 46
		Day 57	2020-09-01 16:10 (30)	40.9		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-09 16:09 (-20)	0.44		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031101	Monocytes (10^9/L)	Day 29	2020-08-03 16:10 (36)	0.46		0 - 1.2
		Day 57	2020-09-01 16:10 (30)	0.37		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-09 16:09 (-20)	9.3		0 - 11
		Day 29	2020-08-03 16:10 (36)	8.0		0 - 11
		Day 57	2020-09-01 16:10 (30)	7.3		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-09 16:09 (-20)	2.21		1.7 - 7.9
		Day 29	2020-08-03 16:10 (36)	2.87		1.7 - 7.9
		Day 57	2020-09-01 16:10 (30)	2.54		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-09 16:09 (-20)	46.7		34 - 71
		Day 29	2020-08-03 16:10 (36)	50.0		34 - 71
		Day 57	2020-09-01 16:10 (30)	50.4		34 - 71
	Platelets (10^9/L)	Screening	2020-06-09 16:09 (-20)	197		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031101	Platelets (10^9/L)	Day 29	2020-08-03 16:10 (36)	208		163 - 375
		Day 57	2020-09-01 16:10 (30)	195		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-09 16:09 (-20)	1.0		0.9 - 1.1
		Day 29	2020-08-03 16:10 (36)	1.0		0.9 - 1.1
		Day 57	2020-09-01 16:10 (30)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-09 16:09 (-20)	11.2		9.4 - 12.5
		Day 29	2020-08-03 16:10 (36)	12.0		9.4 - 12.5
		Day 57	2020-09-01 16:10 (30)	11.3		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-09 16:09 (-20)	3.57		1.78 - 7.14
		Day 29	2020-08-03 16:10 (36)	4.64		1.78 - 7.14
		Day 57	2020-09-01 16:10 (30)	3.57		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-09 16:09 (-20)	16.7		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031101	Urea Nitrogen/Creatinine	Day 29	2020-08-03 16:10 (36)	21.7		7.8 - 26.7
		Day 57	2020-09-01 16:10 (30)	16.7		7.8 - 26.7
US2031111	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-10 16:10 (-16)	31.9		25.1 - 36.5
		Day 29	2020-07-27 11:01 (32)	30.0		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-10 16:10 (-16)	14		10 - 33
		Day 29	2020-07-27 11:01 (32)	13		10 - 33
		Day 57	2020-08-21 11:22 (26)	14		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-10 16:10 (-16)	95		30 - 115
		Day 29	2020-07-27 11:01 (32)	94		30 - 115
		Day 57	2020-08-21 11:22 (26)	91		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-10 16:10 (-16)	25		10 - 36
		Day 29	2020-07-27 11:01 (32)	19		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031111	Aspartate Aminotransferase (U/L)	Day 57	2020-08-21 11:22 (26)	23		10 - 36
	Basophils (10^9/L)	Screening	2020-06-10 16:10 (-16)	0.03		0 - 0.3
		Day 29	2020-07-27 11:01 (32)	0.03		0 - 0.3
		Day 57	2020-08-21 11:22 (26)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-10 16:10 (-16)	0.4		0 - 3
		Day 29	2020-07-27 11:01 (32)	0.4		0 - 3
		Day 57	2020-08-21 11:22 (26)	0.5		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-10 16:10 (-16)	5.1		- 18.8
		Day 29	2020-07-27 11:01 (32)	3.6		- 18.8
		Day 57	2020-08-21 11:22 (26)	3.9		- 18.8
	Creatinine (umol/L)	Screening	2020-06-10 16:10 (-16)	44 (L)		62 - 124
		Day 29	2020-07-27 11:01 (32)	53 (L)		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031111	Creatinine (umol/L)	Day 57	2020-08-21 11:22 (26)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-10 16:10 (-16)	<3.4		0 - 6.8
		Day 29	2020-07-27 11:01 (32)	<3.4		0 - 6.8
		Day 57	2020-08-21 11:22 (26)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-10 16:10 (-16)	0.17		0 - 0.8
		Day 29	2020-07-27 11:01 (32)	0.09		0 - 0.8
		Day 57	2020-08-21 11:22 (26)	0.15		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-10 16:10 (-16)	2.1		0 - 7
		Day 29	2020-07-27 11:01 (32)	1.1		0 - 7
		Day 57	2020-08-21 11:22 (26)	1.8		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-10 16:10 (-16)	5.02		3.7 - 5.2
		Day 29	2020-07-27 11:01 (32)	4.83		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031111	Erythrocytes (10^12/L)	Day 57	2020-08-21 11:22 (26)	4.47		3.7 - 5.2
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-10 16:10 (-16)	85.6 (H)		1.7 - 21.5
	Hematocrit (L/L)	Screening	2020-06-10 16:10 (-16)	0.499 (H)		0.33 - 0.47
		Day 29	2020-07-27 11:01 (32)	0.485 (H)		0.33 - 0.47
		Day 57	2020-08-21 11:22 (26)	0.448		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-10 16:10 (-16)	147		110 - 155
		Day 29	2020-07-27 11:01 (32)	143	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-21 11:22 (26)	134	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-10 16:10 (-16)	<0.03		0 - 0.07
		Day 29	2020-07-27 11:01 (32)	<0.03		0 - 0.07
		Day 57	2020-08-21 11:22 (26)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-10 16:10 (-16)	0.1		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031111	Immature Granulocytes/Leukocytes (%)	Day 29	2020-07-27 11:01 (32)	0.1		0 - 1
		Day 57	2020-08-21 11:22 (26)	0.1		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-10 16:10 (-16)	8.05		3.7 - 11
		Day 29	2020-07-27 11:01 (32)	8.19		3.7 - 11
		Day 57	2020-08-21 11:22 (26)	8.14		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-10 16:10 (-16)	2.71		0.9 - 3.6
		Day 29	2020-07-27 11:01 (32)	2.22		0.9 - 3.6
		Day 57	2020-08-21 11:22 (26)	2.62		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-10 16:10 (-16)	33.7		12 - 46
		Day 29	2020-07-27 11:01 (32)	27.1		12 - 46
		Day 57	2020-08-21 11:22 (26)	32.2		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-10 16:10 (-16)	0.79		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031111	Monocytes (10^9/L)	Day 29	2020-07-27 11:01 (32)	0.60		0 - 1.2
		Day 57	2020-08-21 11:22 (26)	0.79		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-10 16:10 (-16)	9.8		0 - 11
		Day 29	2020-07-27 11:01 (32)	7.3		0 - 11
		Day 57	2020-08-21 11:22 (26)	9.7		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-10 16:10 (-16)	4.34		1.7 - 7.9
		Day 29	2020-07-27 11:01 (32)	5.24		1.7 - 7.9
		Day 57	2020-08-21 11:22 (26)	4.53		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-10 16:10 (-16)	53.9		34 - 71
		Day 29	2020-07-27 11:01 (32)	64.0		34 - 71
		Day 57	2020-08-21 11:22 (26)	55.7		34 - 71
	Platelets (10^9/L)	Screening	2020-06-10 16:10 (-16)	204		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031111	Platelets (10^9/L)	Day 29	2020-07-27 11:01 (32)	225		163 - 375
		Day 57	2020-08-21 11:22 (26)	203		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-10 16:10 (-16)	1.0		0.9 - 1.1
		Day 29	2020-07-27 11:01 (32)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-10 16:10 (-16)	11.7		9.4 - 12.5
		Day 29	2020-07-27 11:01 (32)	11.3		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-10 16:10 (-16)	3.93		1.78 - 7.14
		Day 29	2020-07-27 11:01 (32)	3.93		1.78 - 7.14
		Day 57	2020-08-21 11:22 (26)	3.93		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-10 16:10 (-16)	22.0		7.8 - 26.7
		Day 29	2020-07-27 11:01 (32)	18.3		7.8 - 26.7
		Day 57	2020-08-21 11:22 (26)	18.3		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031112	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-10 16:07 (-16)	34.5		25.1 - 36.5
		Day 29	2020-07-27 08:56 (32)	29.7		25.1 - 36.5
		Day 57	2020-09-02 18:45 (38)	31.0		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-10 16:07 (-16)	15		10 - 33
		Day 29	2020-07-27 08:56 (32)	12		10 - 33
		Day 57	2020-09-02 18:45 (38)	11		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-10 16:07 (-16)	65		30 - 115
		Day 29	2020-07-27 08:56 (32)	60		30 - 115
		Day 57	2020-09-02 18:45 (38)	62		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-10 16:07 (-16)	21		10 - 36
		Day 29	2020-07-27 08:56 (32)	20		10 - 36
		Day 57	2020-09-02 18:45 (38)	15		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031112	Basophils (10^9/L)	Screening	2020-06-10 16:07 (-16)	0.05		0 - 0.3
		Day 29	2020-07-27 08:56 (32)	0.04		0 - 0.3
		Day 57	2020-09-02 18:45 (38)	0.05		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-10 16:07 (-16)	0.7		0 - 3
		Day 29	2020-07-27 08:56 (32)	0.8		0 - 3
		Day 57	2020-09-02 18:45 (38)	0.8		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-10 16:07 (-16)	5.6		- 18.8
		Day 29	2020-07-27 08:56 (32)	8.2		- 18.8
		Day 57	2020-09-02 18:45 (38)	6.2		- 18.8
	Creatinine (umol/L)	Screening	2020-06-10 16:07 (-16)	71		62 - 124
		Day 29	2020-07-27 08:56 (32)	62		62 - 124
		Day 57	2020-09-02 18:45 (38)	62		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031112	Direct Bilirubin (umol/L)	Screening	2020-06-10 16:07 (-16)	<3.4		0 - 6.8
		Day 29	2020-07-27 08:56 (32)	<3.4		0 - 6.8
		Day 57	2020-09-02 18:45 (38)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-10 16:07 (-16)	0.24		0 - 0.8
		Day 29	2020-07-27 08:56 (32)	0.23		0 - 0.8
		Day 57	2020-09-02 18:45 (38)	0.23		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-10 16:07 (-16)	3.4		0 - 7
		Day 29	2020-07-27 08:56 (32)	4.6		0 - 7
		Day 57	2020-09-02 18:45 (38)	3.7		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-10 16:07 (-16)	4.96		3.7 - 5.2
		Day 29	2020-07-27 08:56 (32)	4.97		3.7 - 5.2
		Day 57	2020-09-02 18:45 (38)	4.92		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031112	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-10 16:07 (-16)	148.1 (H)		1.7 - 21.5
	Hematocrit (L/L)	Screening	2020-06-10 16:07 (-16)	0.487 (H)		0.33 - 0.47
		Day 29	2020-07-27 08:56 (32)	0.496 (H)		0.33 - 0.47
		Day 57	2020-09-02 18:45 (38)	0.472 (H)		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-10 16:07 (-16)	148		110 - 155
		Day 29	2020-07-27 08:56 (32)	148		110 - 155
		Day 57	2020-09-02 18:45 (38)	146	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-10 16:07 (-16)	<0.03		0 - 0.07
		Day 29	2020-07-27 08:56 (32)	<0.03		0 - 0.07
		Day 57	2020-09-02 18:45 (38)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-10 16:07 (-16)	0.3		0 - 1
		Day 29	2020-07-27 08:56 (32)	0.2		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031112	Immature Granulocytes/Leukocytes (%)	Day 57	2020-09-02 18:45 (38)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-10 16:07 (-16)	7.05		3.7 - 11
		Day 29	2020-07-27 08:56 (32)	5.02		3.7 - 11
		Day 57	2020-09-02 18:45 (38)	6.22		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-10 16:07 (-16)	1.70		0.9 - 3.6
		Day 29	2020-07-27 08:56 (32)	1.28		0.9 - 3.6
		Day 57	2020-09-02 18:45 (38)	1.53		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-10 16:07 (-16)	24.1		12 - 46
		Day 29	2020-07-27 08:56 (32)	25.5		12 - 46
		Day 57	2020-09-02 18:45 (38)	24.6		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-10 16:07 (-16)	0.33		0 - 1.2
		Day 29	2020-07-27 08:56 (32)	0.30		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031112	Monocytes (10^9/L)	Day 57	2020-09-02 18:45 (38)	0.37		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-10 16:07 (-16)	4.7		0 - 11
		Day 29	2020-07-27 08:56 (32)	6.0		0 - 11
		Day 57	2020-09-02 18:45 (38)	5.9		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-10 16:07 (-16)	4.71		1.7 - 7.9
		Day 29	2020-07-27 08:56 (32)	3.16		1.7 - 7.9
		Day 57	2020-09-02 18:45 (38)	4.03		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-10 16:07 (-16)	66.8		34 - 71
		Day 29	2020-07-27 08:56 (32)	62.9		34 - 71
		Day 57	2020-09-02 18:45 (38)	64.8		34 - 71
	Platelets (10^9/L)	Screening	2020-06-10 16:07 (-16)	217		163 - 375
		Day 29	2020-07-27 08:56 (32)	211		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031112	Platelets (10^9/L)	Day 57	2020-09-02 18:45 (38)	238		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-10 16:07 (-16)	1.0		0.9 - 1.1
		Day 29	2020-07-27 08:56 (32)	0.9		0.9 - 1.1
		Day 57	2020-09-02 18:45 (38)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-10 16:07 (-16)	11.2		9.4 - 12.5
		Day 29	2020-07-27 08:56 (32)	11.4		9.4 - 12.5
		Day 57	2020-09-02 18:45 (38)	11.5		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-10 16:07 (-16)	4.64		1.78 - 7.14
		Day 29	2020-07-27 08:56 (32)	3.57		1.78 - 7.14
		Day 57	2020-09-02 18:45 (38)	3.57		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-10 16:07 (-16)	16.2		7.8 - 26.7
		Day 29	2020-07-27 08:56 (32)	14.3		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031112	Urea Nitrogen/Creatinine	Day 57	2020-09-02 18:45 (38)	14.3		7.8 - 26.7
US2031122	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-12 14:53 (-17)	36.4		25.1 - 36.5
		Day 29	2020-07-29 15:13 (31)	29.6		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-12 14:53 (-17)	32		10 - 33
		Day 29	2020-07-29 15:13 (31)	34 (H)		10 - 33
		Day 57	2020-08-24 11:26 (27)	31		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-12 14:53 (-17)	74		30 - 115
		Day 29	2020-07-29 15:13 (31)	68		30 - 115
		Day 57	2020-08-24 11:26 (27)	72		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-12 14:53 (-17)	22		10 - 36
		Day 29	2020-07-29 15:13 (31)	21		10 - 36
		Day 57	2020-08-24 11:26 (27)	21		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031122	Basophils (10^9/L)	Screening	2020-06-12 14:53 (-17)	0.03		0 - 0.3
		Day 29	2020-07-29 15:13 (31)	0.03		0 - 0.3
		Day 57	2020-08-24 11:26 (27)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-12 14:53 (-17)	0.5		0 - 3
		Day 29	2020-07-29 15:13 (31)	0.6		0 - 3
		Day 57	2020-08-24 11:26 (27)	0.6		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-12 14:53 (-17)	4.1		- 18.8
		Day 29	2020-07-29 15:13 (31)	2.9		- 18.8
		Day 57	2020-08-24 11:26 (27)	3.2		- 18.8
	Creatinine (umol/L)	Screening	2020-06-12 14:53 (-17)	97		62 - 124
		Day 29	2020-07-29 15:13 (31)	44 (L)		62 - 124
		Day 57	2020-08-24 11:26 (27)	44 (L)		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031122	Direct Bilirubin (umol/L)	Screening	2020-06-12 14:53 (-17)	<3.4		0 - 6.8
		Day 29	2020-07-29 15:13 (31)	<3.4		0 - 6.8
		Day 57	2020-08-24 11:26 (27)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-12 14:53 (-17)	0.13		0 - 0.8
		Day 29	2020-07-29 15:13 (31)	0.15		0 - 0.8
		Day 57	2020-08-24 11:26 (27)	0.14		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-12 14:53 (-17)	2.3		0 - 7
		Day 29	2020-07-29 15:13 (31)	2.9		0 - 7
		Day 57	2020-08-24 11:26 (27)	2.9		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-12 14:53 (-17)	5.19		3.7 - 5.2
		Day 29	2020-07-29 15:13 (31)	5.02		3.7 - 5.2
		Day 57	2020-08-24 11:26 (27)	4.77		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031122	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-12 14:53 (-17)	49.0 (H)		1.7 - 21.5
	Hematocrit (L/L)	Screening	2020-06-12 14:53 (-17)	0.529 (H)		0.33 - 0.47
		Day 29	2020-07-29 15:13 (31)	0.491 (H)		0.33 - 0.47
		Day 57	2020-08-24 11:26 (27)	0.480 (H)		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-12 14:53 (-17)	158 (H)		110 - 155
		Day 29	2020-07-29 15:13 (31)	155	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-24 11:26 (27)	145	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-12 14:53 (-17)	<0.03		0 - 0.07
		Day 29	2020-07-29 15:13 (31)	<0.03		0 - 0.07
		Day 57	2020-08-24 11:26 (27)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-12 14:53 (-17)	0.2		0 - 1
		Day 29	2020-07-29 15:13 (31)	0.2		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031122	Immature Granulocytes/Leukocytes (%)	Day 57	2020-08-24 11:26 (27)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-12 14:53 (-17)	5.61		3.7 - 11
		Day 29	2020-07-29 15:13 (31)	5.24		3.7 - 11
		Day 57	2020-08-24 11:26 (27)	4.78		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-12 14:53 (-17)	1.92		0.9 - 3.6
		Day 29	2020-07-29 15:13 (31)	2.02		0.9 - 3.6
		Day 57	2020-08-24 11:26 (27)	1.86		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-12 14:53 (-17)	34.2		12 - 46
		Day 29	2020-07-29 15:13 (31)	38.5		12 - 46
		Day 57	2020-08-24 11:26 (27)	38.9		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-12 14:53 (-17)	0.40		0 - 1.2
		Day 29	2020-07-29 15:13 (31)	0.46		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031122	Monocytes (10^9/L)	Day 57	2020-08-24 11:26 (27)	0.40		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-12 14:53 (-17)	7.1		0 - 11
		Day 29	2020-07-29 15:13 (31)	8.8		0 - 11
		Day 57	2020-08-24 11:26 (27)	8.4		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-12 14:53 (-17)	3.12		1.7 - 7.9
		Day 29	2020-07-29 15:13 (31)	2.57		1.7 - 7.9
		Day 57	2020-08-24 11:26 (27)	2.34		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-12 14:53 (-17)	55.7		34 - 71
		Day 29	2020-07-29 15:13 (31)	49.0		34 - 71
		Day 57	2020-08-24 11:26 (27)	49.0		34 - 71
	Platelets (10^9/L)	Screening	2020-06-12 14:53 (-17)	256		163 - 375
		Day 29	2020-07-29 15:13 (31)	269		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2031122	Platelets (10^9/L)	Day 57	2020-08-24 11:26 (27)	247		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-12 14:53 (-17)	1.0		0.9 - 1.1
		Day 29	2020-07-29 15:13 (31)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-12 14:53 (-17)	11.2		9.4 - 12.5
		Day 29	2020-07-29 15:13 (31)	11.3		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-12 14:53 (-17)	5.71		1.78 - 7.14
		Day 29	2020-07-29 15:13 (31)	5.71		1.78 - 7.14
		Day 57	2020-08-24 11:26 (27)	4.28		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-12 14:53 (-17)	14.5		7.8 - 26.7
		Day 29	2020-07-29 15:13 (31)	32.0 (H)		7.8 - 26.7
		Day 57	2020-08-24 11:26 (27)	24.0		7.8 - 26.7
US2041096	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-09 11:18 (-20)	29.9		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041096	Activated Partial Thromboplastin Time (sec)	Day 29	2020-07-28 07:45 (30)	30.5		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-09 11:18 (-20)	22		10 - 40
		Day 29	2020-07-28 07:45 (30)	23		10 - 40
		Day 57	2020-08-24 07:16 (28)	26		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-09 11:18 (-20)	67		43 - 115
		Day 29	2020-07-28 07:45 (30)	64		43 - 115
		Day 57	2020-08-24 07:16 (28)	65		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-09 11:18 (-20)	20		10 - 43
		Day 29	2020-07-28 07:45 (30)	20		10 - 43
		Day 57	2020-08-24 07:16 (28)	16		10 - 43
	Basophils (10^9/L)	Screening	2020-06-09 11:18 (-20)	0.03		0 - 0.3
		Day 29	2020-07-28 07:45 (30)	0.03		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041096	Basophils (10^9/L)	Day 57	2020-08-24 07:16 (28)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-09 11:18 (-20)	0.5		0 - 3
		Day 29	2020-07-28 07:45 (30)	0.5		0 - 3
		Day 57	2020-08-24 07:16 (28)	0.5		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-09 11:18 (-20)	9.2		- 18.8
		Day 29	2020-07-28 07:45 (30)	6.2		- 18.8
		Day 57	2020-08-24 07:16 (28)	<2.6		- 18.8
	Creatinine (umol/L)	Screening	2020-06-09 11:18 (-20)	88		62 - 124
		Day 29	2020-07-28 07:45 (30)	88		62 - 124
		Day 57	2020-08-24 07:16 (28)	88		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-09 11:18 (-20)	<3.4		0 - 6.8
		Day 29	2020-07-28 07:45 (30)	<3.4		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041096	Direct Bilirubin (umol/L)	Day 57	2020-08-24 07:16 (28)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-09 11:18 (-20)	0.24		0 - 0.8
		Day 29	2020-07-28 07:45 (30)	0.30		0 - 0.8
		Day 57	2020-08-24 07:16 (28)	0.34		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-09 11:18 (-20)	3.6		0 - 7
		Day 29	2020-07-28 07:45 (30)	5.1		0 - 7
		Day 57	2020-08-24 07:16 (28)	4.6		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-09 11:18 (-20)	5.19		4.63 - 6.08
		Day 29	2020-07-28 07:45 (30)	5.21		4.63 - 6.08
		Day 57	2020-08-24 07:16 (28)	5.03		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-09 11:18 (-20)	0.479		0.37 - 0.51
		Day 29	2020-07-28 07:45 (30)	0.498		0.37 - 0.51

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041096	Hematocrit (L/L)	Day 57	2020-08-24 07:16 (28)	0.517 (H)		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-09 11:18 (-20)	152		125 - 170
		Day 29	2020-07-28 07:45 (30)	152		125 - 170
		Day 57	2020-08-24 07:16 (28)	146	G1 Hemoglobin Decreased	125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-09 11:18 (-20)	<0.03		0 - 0.07
		Day 29	2020-07-28 07:45 (30)	0.03		0 - 0.07
		Day 57	2020-08-24 07:16 (28)	0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-09 11:18 (-20)	0.2		0 - 1
		Day 29	2020-07-28 07:45 (30)	0.5		0 - 1
		Day 57	2020-08-24 07:16 (28)	0.4		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-09 11:18 (-20)	6.59		3.7 - 11
		Day 29	2020-07-28 07:45 (30)	5.94		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041096	Leukocytes (10^9/L)	Day 57	2020-08-24 07:16 (28)	7.32		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-09 11:18 (-20)	1.87		0.9 - 3.6
		Day 29	2020-07-28 07:45 (30)	1.92		0.9 - 3.6
		Day 57	2020-08-24 07:16 (28)	2.00		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-09 11:18 (-20)	28.4		12 - 46
		Day 29	2020-07-28 07:45 (30)	32.3		12 - 46
		Day 57	2020-08-24 07:16 (28)	27.3		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-09 11:18 (-20)	0.51		0 - 1.2
		Day 29	2020-07-28 07:45 (30)	0.50		0 - 1.2
		Day 57	2020-08-24 07:16 (28)	0.54		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-09 11:18 (-20)	7.7		0 - 11
		Day 29	2020-07-28 07:45 (30)	8.4		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041096	Monocytes/Leukocytes (%)	Day 57	2020-08-24 07:16 (28)	7.4		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-09 11:18 (-20)	3.93		1.7 - 7.9
		Day 29	2020-07-28 07:45 (30)	3.16		1.7 - 7.9
		Day 57	2020-08-24 07:16 (28)	4.37		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-09 11:18 (-20)	59.6		34 - 71
		Day 29	2020-07-28 07:45 (30)	53.2		34 - 71
		Day 57	2020-08-24 07:16 (28)	59.8		34 - 71
	Platelets (10^9/L)	Screening	2020-06-09 11:18 (-20)	214		163 - 375
		Day 29	2020-07-28 07:45 (30)	185		163 - 375
		Day 57	2020-08-24 07:16 (28)	241		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-09 11:18 (-20)	0.9		0.9 - 1.1
		Day 29	2020-07-28 07:45 (30)	0.9		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041096	Prothrombin Time (sec)	Screening	2020-06-09 11:18 (-20)	10.4		9.4 - 12.5
		Day 29	2020-07-28 07:45 (30)	10.9		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-09 11:18 (-20)	7.50 (H)		1.78 - 7.14
		Day 29	2020-07-28 07:45 (30)	8.21 (H)	G1 Blood Urea Nitrogen Increased	1.78 - 7.14
		Day 57	2020-08-24 07:16 (28)	11.07 (H)	G2 Blood Urea Nitrogen Increased	1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-09 11:18 (-20)	21.0		7.8 - 26.7
		Day 29	2020-07-28 07:45 (30)	23.0		7.8 - 26.7
		Day 57	2020-08-24 07:16 (28)	31.0 (H)		7.8 - 26.7
US2041107	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-11 09:49 (-15)	32.7		25.1 - 36.5
		Day 29	2020-07-27 10:39 (32)	25.2		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-11 09:49 (-15)	11		10 - 40

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041107	Alanine Aminotransferase (U/L)	Day 29	2020-07-27 10:39 (32)	14		10 - 40
		Day 57	2020-08-24 08:52 (29)	17		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-11 09:49 (-15)	58		43 - 115
		Day 29	2020-07-27 10:39 (32)	56		43 - 115
		Day 57	2020-08-24 08:52 (29)	56		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-11 09:49 (-15)	15		10 - 43
		Day 29	2020-07-27 10:39 (32)	17		10 - 43
		Day 57	2020-08-24 08:52 (29)	14		10 - 43
	Basophils (10^9/L)	Screening	2020-06-11 09:49 (-15)	<0.03		0 - 0.3
		Unscheduled	2020-06-19 11:28 (-7)	0.03		0 - 0.3
		Day 29	2020-07-27 10:39 (32)	0.03		0 - 0.3
		Day 57	2020-08-24 08:52 (29)	0.04		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041107	Basophils/Leukocytes (%)	Screening	2020-06-11 09:49 (-15)	0.5		0 - 3
		Unscheduled	2020-06-19 11:28 (-7)	0.7		0 - 3
		Day 29	2020-07-27 10:39 (32)	0.7		0 - 3
		Day 57	2020-08-24 08:52 (29)	0.8		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-11 09:49 (-15)	7.4		- 18.8
		Day 29	2020-07-27 10:39 (32)	5.5		- 18.8
		Day 57	2020-08-24 08:52 (29)	2.9		- 18.8
	Creatinine (umol/L)	Screening	2020-06-11 09:49 (-15)	88		62 - 124
		Day 29	2020-07-27 10:39 (32)	88		62 - 124
		Day 57	2020-08-24 08:52 (29)	80		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-11 09:49 (-15)	<3.4		0 - 6.8
		Day 29	2020-07-27 10:39 (32)	<3.4		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041107	Direct Bilirubin (umol/L)	Day 57	2020-08-24 08:52 (29)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-11 09:49 (-15)	0.10		0 - 0.8
		Unscheduled	2020-06-19 11:28 (-7)	0.09		0 - 0.8
		Day 29	2020-07-27 10:39 (32)	0.10		0 - 0.8
		Day 57	2020-08-24 08:52 (29)	0.13		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-11 09:49 (-15)	2.6		0 - 7
		Unscheduled	2020-06-19 11:28 (-7)	2.0		0 - 7
		Day 29	2020-07-27 10:39 (32)	2.4		0 - 7
		Day 57	2020-08-24 08:52 (29)	2.5		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-11 09:49 (-15)	4.93		4.63 - 6.08
		Unscheduled	2020-06-19 11:28 (-7)	5.04		4.63 - 6.08
		Day 29	2020-07-27 10:39 (32)	4.94		4.63 - 6.08

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041107	Erythrocytes (10^12/L)	Day 57	2020-08-24 08:52 (29)	5.17		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-11 09:49 (-15)	0.474		0.37 - 0.51
		Unscheduled	2020-06-19 11:28 (-7)	0.474		0.37 - 0.51
		Day 29	2020-07-27 10:39 (32)	0.476		0.37 - 0.51
		Day 57	2020-08-24 08:52 (29)	0.544 (H)		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-11 09:49 (-15)	148		125 - 170
		Unscheduled	2020-06-19 11:28 (-7)	150		125 - 170
		Day 29	2020-07-27 10:39 (32)	148	G1 Hemoglobin Decreased	125 - 170
		Day 57	2020-08-24 08:52 (29)	155		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-11 09:49 (-15)	<0.03		0 - 0.07
		Unscheduled	2020-06-19 11:28 (-7)	<0.03		0 - 0.07
		Day 29	2020-07-27 10:39 (32)	0.04		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041107	Immature Granulocytes (10^9/L)	Day 57	2020-08-24 08:52 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-11 09:49 (-15)	0.5		0 - 1
		Unscheduled	2020-06-19 11:28 (-7)	0.5		0 - 1
		Day 29	2020-07-27 10:39 (32)	1.0		0 - 1
		Day 57	2020-08-24 08:52 (29)	0.4		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-11 09:49 (-15)	3.91		3.7 - 11
		Unscheduled	2020-06-19 11:28 (-7)	4.40		3.7 - 11
		Day 29	2020-07-27 10:39 (32)	4.21		3.7 - 11
		Day 57	2020-08-24 08:52 (29)	5.13		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-11 09:49 (-15)	0.83 (L)	G1 Lymphocytes Decreased	0.9 - 3.6
		Unscheduled	2020-06-19 11:28 (-7)	0.92	G1 Lymphocytes Decreased	0.9 - 3.6
		Day 29	2020-07-27 10:39 (32)	0.99	G1 Lymphocytes Decreased	0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041107	Lymphocytes (10^9/L)	Day 57	2020-08-24 08:52 (29)	1.23		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-11 09:49 (-15)	21.2		12 - 46
		Unscheduled	2020-06-19 11:28 (-7)	20.9		12 - 46
		Day 29	2020-07-27 10:39 (32)	23.5		12 - 46
		Day 57	2020-08-24 08:52 (29)	24.0		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-11 09:49 (-15)	0.39		0 - 1.2
		Unscheduled	2020-06-19 11:28 (-7)	0.48		0 - 1.2
		Day 29	2020-07-27 10:39 (32)	0.39		0 - 1.2
		Day 57	2020-08-24 08:52 (29)	0.22		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-11 09:49 (-15)	10.0		0 - 11
		Unscheduled	2020-06-19 11:28 (-7)	10.9		0 - 11
		Day 29	2020-07-27 10:39 (32)	9.3		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041107	Monocytes/Leukocytes (%)	Day 57	2020-08-24 08:52 (29)	4.3		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-11 09:49 (-15)	2.55		1.7 - 7.9
		Unscheduled	2020-06-19 11:28 (-7)	2.86		1.7 - 7.9
		Day 29	2020-07-27 10:39 (32)	2.66		1.7 - 7.9
		Day 57	2020-08-24 08:52 (29)	3.49		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-11 09:49 (-15)	65.2		34 - 71
		Unscheduled	2020-06-19 11:28 (-7)	65.0		34 - 71
		Day 29	2020-07-27 10:39 (32)	63.1		34 - 71
		Day 57	2020-08-24 08:52 (29)	68.0		34 - 71
	Platelets (10^9/L)	Screening	2020-06-11 09:49 (-15)	266		163 - 375
		Unscheduled	2020-06-19 11:28 (-7)	258		163 - 375
		Day 29	2020-07-27 10:39 (32)	253		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041107	Platelets (10^9/L)	Day 57	2020-08-24 08:52 (29)	278		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-11 09:49 (-15)	1.0		0.9 - 1.1
		Day 29	2020-07-27 10:39 (32)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-11 09:49 (-15)	11.2		9.4 - 12.5
		Day 29	2020-07-27 10:39 (32)	10.7		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-11 09:49 (-15)	6.78		1.78 - 7.14
		Day 29	2020-07-27 10:39 (32)	5.00		1.78 - 7.14
		Day 57	2020-08-24 08:52 (29)	6.78		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-11 09:49 (-15)	19.0		7.8 - 26.7
		Day 29	2020-07-27 10:39 (32)	14.0		7.8 - 26.7
		Day 57	2020-08-24 08:52 (29)	21.1		7.8 - 26.7
US2041108	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-11 09:36 (-15)	29.9		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041108	Alanine Aminotransferase (U/L)	Screening	2020-06-11 09:36 (-15)	26		10 - 33
		Day 57	2020-08-24 10:17 (29)	25		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-11 09:36 (-15)	80		30 - 115
		Day 57	2020-08-24 10:17 (29)	74		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-11 09:36 (-15)	28		10 - 36
		Day 57	2020-08-24 10:17 (29)	23		10 - 36
	Basophils (10^9/L)	Screening	2020-06-11 09:36 (-15)	0.04		0 - 0.3
		Day 57	2020-08-24 10:17 (29)	0.05		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-11 09:36 (-15)	0.6		0 - 3
		Day 57	2020-08-24 10:17 (29)	1.0		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-11 09:36 (-15)	8.9		- 18.8
		Day 57	2020-08-24 10:17 (29)	<2.6		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041108	Creatinine (umol/L)	Screening	2020-06-11 09:36 (-15)	44 (L)		62 - 124
		Day 57	2020-08-24 10:17 (29)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-11 09:36 (-15)	<3.4		0 - 6.8
		Day 57	2020-08-24 10:17 (29)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-11 09:36 (-15)	0.09		0 - 0.8
		Day 57	2020-08-24 10:17 (29)	0.12		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-11 09:36 (-15)	1.4		0 - 7
		Day 57	2020-08-24 10:17 (29)	2.3		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-11 09:36 (-15)	4.79		3.7 - 5.2
		Day 57	2020-08-24 10:17 (29)	4.39		3.7 - 5.2
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-11 09:36 (-15)	64.1 (H)		1.7 - 21.5
	Hematocrit (L/L)	Screening	2020-06-11 09:36 (-15)	0.462		0.33 - 0.47

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041108	Hematocrit (L/L)	Day 57	2020-08-24 10:17 (29)	0.462		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-11 09:36 (-15)	138		110 - 155
		Day 57	2020-08-24 10:17 (29)	127	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-11 09:36 (-15)	<0.03		0 - 0.07
		Day 57	2020-08-24 10:17 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-11 09:36 (-15)	0.2		0 - 1
		Day 57	2020-08-24 10:17 (29)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-11 09:36 (-15)	6.39		3.7 - 11
		Day 57	2020-08-24 10:17 (29)	5.12		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-11 09:36 (-15)	2.27		0.9 - 3.6
		Day 57	2020-08-24 10:17 (29)	2.12		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-11 09:36 (-15)	35.5		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041108	Lymphocytes/Leukocytes (%)	Day 57	2020-08-24 10:17 (29)	41.4		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-11 09:36 (-15)	0.48		0 - 1.2
		Day 57	2020-08-24 10:17 (29)	0.37		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-11 09:36 (-15)	7.5		0 - 11
		Day 57	2020-08-24 10:17 (29)	7.2		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-11 09:36 (-15)	3.50		1.7 - 7.9
		Day 57	2020-08-24 10:17 (29)	2.45		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-11 09:36 (-15)	54.8		34 - 71
		Day 57	2020-08-24 10:17 (29)	47.9		34 - 71
	Platelets (10^9/L)	Screening	2020-06-11 09:36 (-15)	303		163 - 375
		Day 57	2020-08-24 10:17 (29)	283		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-11 09:36 (-15)	1.0		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041108	Prothrombin Time (sec)	Screening	2020-06-11 09:36 (-15)	11.1		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-11 09:36 (-15)	4.64		1.78 - 7.14
		Day 57	2020-08-24 10:17 (29)	5.35		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-11 09:36 (-15)	26.0		7.8 - 26.7
		Day 57	2020-08-24 10:17 (29)	25.0		7.8 - 26.7
US2041112	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-11 11:56 (-15)	28.4		25.1 - 36.5
		Day 29	2020-07-28 15:25 (33)	30.0		25.1 - 36.5
		Day 57	2020-09-01 15:30 (36)	27.6		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-11 11:56 (-15)	26		10 - 40
		Day 29	2020-07-28 15:25 (33)	16		10 - 40
		Day 57	2020-09-01 15:30 (36)	22		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-11 11:56 (-15)	61		43 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041112	Alkaline Phosphatase (U/L)	Day 29	2020-07-28 15:25 (33)	53		43 - 115
		Day 57	2020-09-01 15:30 (36)	57		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-11 11:56 (-15)	25		10 - 43
		Day 29	2020-07-28 15:25 (33)	21		10 - 43
		Day 57	2020-09-01 15:30 (36)	21		10 - 43
	Basophils (10^9/L)	Screening	2020-06-11 11:56 (-15)	0.04		0 - 0.3
		Day 29	2020-07-28 15:25 (33)	0.04		0 - 0.3
		Day 57	2020-09-01 15:30 (36)	0.05		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-11 11:56 (-15)	0.8		0 - 3
		Day 29	2020-07-28 15:25 (33)	0.7		0 - 3
		Day 57	2020-09-01 15:30 (36)	0.8		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-11 11:56 (-15)	11.1		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041112	Bilirubin (umol/L)	Day 29	2020-07-28 15:25 (33)	9.1		- 18.8
		Day 57	2020-09-01 15:30 (36)	8.9		- 18.8
	Creatinine (umol/L)	Screening	2020-06-11 11:56 (-15)	53 (L)		62 - 124
		Day 29	2020-07-28 15:25 (33)	53 (L)		62 - 124
		Day 57	2020-09-01 15:30 (36)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-11 11:56 (-15)	<3.4		0 - 6.8
		Day 29	2020-07-28 15:25 (33)	<3.4		0 - 6.8
		Day 57	2020-09-01 15:30 (36)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-11 11:56 (-15)	0.15		0 - 0.8
		Day 29	2020-07-28 15:25 (33)	0.14		0 - 0.8
		Day 57	2020-09-01 15:30 (36)	0.21		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-11 11:56 (-15)	3.0		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041112	Eosinophils/Leukocytes (%)	Day 29	2020-07-28 15:25 (33)	2.4		0 - 7
		Day 57	2020-09-01 15:30 (36)	3.2		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-11 11:56 (-15)	4.96		4.63 - 6.08
		Day 29	2020-07-28 15:25 (33)	4.91		4.63 - 6.08
		Day 57	2020-09-01 15:30 (36)	4.99		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-11 11:56 (-15)	0.495		0.37 - 0.51
		Day 29	2020-07-28 15:25 (33)	0.516 (H)		0.37 - 0.51
		Day 57	2020-09-01 15:30 (36)	0.496		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-11 11:56 (-15)	157		125 - 170
		Day 29	2020-07-28 15:25 (33)	152	G1 Hemoglobin Decreased	125 - 170
		Day 57	2020-09-01 15:30 (36)	158		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-11 11:56 (-15)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041112	Immature Granulocytes (10^9/L)	Day 29	2020-07-28 15:25 (33)	<0.03		0 - 0.07
		Day 57	2020-09-01 15:30 (36)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-11 11:56 (-15)	0.2		0 - 1
		Day 29	2020-07-28 15:25 (33)	0.3		0 - 1
		Day 57	2020-09-01 15:30 (36)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-11 11:56 (-15)	4.97		3.7 - 11
		Day 29	2020-07-28 15:25 (33)	5.77		3.7 - 11
		Day 57	2020-09-01 15:30 (36)	6.60		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-11 11:56 (-15)	1.32		0.9 - 3.6
		Day 29	2020-07-28 15:25 (33)	1.79		0.9 - 3.6
		Day 57	2020-09-01 15:30 (36)	2.11		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-11 11:56 (-15)	26.6		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041112	Lymphocytes/Leukocytes (%)	Day 29	2020-07-28 15:25 (33)	31.0		12 - 46
		Day 57	2020-09-01 15:30 (36)	32.0		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-11 11:56 (-15)	0.67		0 - 1.2
		Day 29	2020-07-28 15:25 (33)	0.76		0 - 1.2
		Day 57	2020-09-01 15:30 (36)	0.95		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-11 11:56 (-15)	13.5 (H)		0 - 11
		Day 29	2020-07-28 15:25 (33)	13.2 (H)		0 - 11
		Day 57	2020-09-01 15:30 (36)	14.4 (H)		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-11 11:56 (-15)	2.78		1.7 - 7.9
		Day 29	2020-07-28 15:25 (33)	3.02		1.7 - 7.9
		Day 57	2020-09-01 15:30 (36)	3.26		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-11 11:56 (-15)	55.9		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041112	Neutrophils/Leukocytes (%)	Day 29	2020-07-28 15:25 (33)	52.4		34 - 71
		Day 57	2020-09-01 15:30 (36)	49.3		34 - 71
	Platelets (10^9/L)	Screening	2020-06-11 11:56 (-15)	195		163 - 375
		Day 29	2020-07-28 15:25 (33)	183		163 - 375
		Day 57	2020-09-01 15:30 (36)	203		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-11 11:56 (-15)	1.0		0.9 - 1.1
		Day 29	2020-07-28 15:25 (33)	1.1		0.9 - 1.1
		Day 57	2020-09-01 15:30 (36)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-11 11:56 (-15)	11.8		9.4 - 12.5
		Day 29	2020-07-28 15:25 (33)	13.2 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
		Day 57	2020-09-01 15:30 (36)	12.1		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-11 11:56 (-15)	5.35		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041112	Urea Nitrogen (mmol/L)	Day 29	2020-07-28 15:25 (33)	5.00		1.78 - 7.14
		Day 57	2020-09-01 15:30 (36)	6.07		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-11 11:56 (-15)	25.0		7.8 - 26.7
		Day 29	2020-07-28 15:25 (33)	23.3		7.8 - 26.7
		Day 57	2020-09-01 15:30 (36)	24.3		7.8 - 26.7
US2041117	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-11 14:55 (-15)	28.9		25.1 - 36.5
		Day 29	2020-07-28 15:52 (33)	27.2		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-11 14:55 (-15)	14		10 - 33
		Day 29	2020-07-28 15:52 (33)	12		10 - 33
		Day 57	2020-08-25 17:30 (29)	12		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-11 14:55 (-15)	84		30 - 115
		Day 29	2020-07-28 15:52 (33)	95		30 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041117	Alkaline Phosphatase (U/L)	Day 57	2020-08-25 17:30 (29)	103		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-11 14:55 (-15)	17		10 - 36
		Day 29	2020-07-28 15:52 (33)	19		10 - 36
		Day 57	2020-08-25 17:30 (29)	13		10 - 36
	Basophils (10^9/L)	Screening	2020-06-11 14:55 (-15)	0.07		0 - 0.3
		Day 29	2020-07-28 15:52 (33)	0.07		0 - 0.3
		Day 57	2020-08-25 17:30 (29)	0.07		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-11 14:55 (-15)	1.2		0 - 3
		Day 29	2020-07-28 15:52 (33)	1.1		0 - 3
		Day 57	2020-08-25 17:30 (29)	1.5		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-11 14:55 (-15)	8.9		- 18.8
		Day 29	2020-07-28 15:52 (33)	7.0		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041117	Bilirubin (umol/L)	Day 57	2020-08-25 17:30 (29)	4.3		- 18.8
	Creatinine (umol/L)	Screening	2020-06-11 14:55 (-15)	71		62 - 124
		Day 29	2020-07-28 15:52 (33)	62		62 - 124
		Day 57	2020-08-25 17:30 (29)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-11 14:55 (-15)	<3.4		0 - 6.8
		Day 29	2020-07-28 15:52 (33)	<3.4		0 - 6.8
		Day 57	2020-08-25 17:30 (29)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-11 14:55 (-15)	0.22		0 - 0.8
		Day 29	2020-07-28 15:52 (33)	0.20		0 - 0.8
		Day 57	2020-08-25 17:30 (29)	0.33		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-11 14:55 (-15)	3.8		0 - 7
		Day 29	2020-07-28 15:52 (33)	3.0		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041117	Eosinophils/Leukocytes (%)	Day 57	2020-08-25 17:30 (29)	6.9		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-11 14:55 (-15)	4.97		3.7 - 5.2
		Day 29	2020-07-28 15:52 (33)	5.16		3.7 - 5.2
		Day 57	2020-08-25 17:30 (29)	4.69		3.7 - 5.2
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-11 14:55 (-15)	38.7 (H)		1.7 - 21.5
	Hematocrit (L/L)	Screening	2020-06-11 14:55 (-15)	0.474 (H)		0.33 - 0.47
		Day 29	2020-07-28 15:52 (33)	0.510 (H)		0.33 - 0.47
		Day 57	2020-08-25 17:30 (29)	0.459		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-11 14:55 (-15)	151		110 - 155
		Day 29	2020-07-28 15:52 (33)	156 (H)		110 - 155
		Day 57	2020-08-25 17:30 (29)	142	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-11 14:55 (-15)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041117	Immature Granulocytes (10^9/L)	Day 29	2020-07-28 15:52 (33)	<0.03		0 - 0.07
		Day 57	2020-08-25 17:30 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-11 14:55 (-15)	0.3		0 - 1
		Day 29	2020-07-28 15:52 (33)	0.0		0 - 1
		Day 57	2020-08-25 17:30 (29)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-11 14:55 (-15)	5.81		3.7 - 11
		Day 29	2020-07-28 15:52 (33)	6.60		3.7 - 11
		Day 57	2020-08-25 17:30 (29)	4.77		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-11 14:55 (-15)	1.35		0.9 - 3.6
		Day 29	2020-07-28 15:52 (33)	1.43		0.9 - 3.6
		Day 57	2020-08-25 17:30 (29)	1.68		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-11 14:55 (-15)	23.2		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041117	Lymphocytes/Leukocytes (%)	Day 29	2020-07-28 15:52 (33)	21.7		12 - 46
		Day 57	2020-08-25 17:30 (29)	35.2		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-11 14:55 (-15)	0.44		0 - 1.2
		Day 29	2020-07-28 15:52 (33)	0.59		0 - 1.2
		Day 57	2020-08-25 17:30 (29)	0.45		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-11 14:55 (-15)	7.6		0 - 11
		Day 29	2020-07-28 15:52 (33)	8.9		0 - 11
		Day 57	2020-08-25 17:30 (29)	9.4		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-11 14:55 (-15)	3.71		1.7 - 7.9
		Day 29	2020-07-28 15:52 (33)	4.31		1.7 - 7.9
		Day 57	2020-08-25 17:30 (29)	2.23		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-11 14:55 (-15)	63.9		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041117	Neutrophils/Leukocytes (%)	Day 29	2020-07-28 15:52 (33)	65.3		34 - 71
		Day 57	2020-08-25 17:30 (29)	46.8		34 - 71
	Platelets (10^9/L)	Screening	2020-06-11 14:55 (-15)	236		163 - 375
		Day 29	2020-07-28 15:52 (33)	225		163 - 375
		Day 57	2020-08-25 17:30 (29)	222		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-11 14:55 (-15)	0.9		0.9 - 1.1
		Day 29	2020-07-28 15:52 (33)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-11 14:55 (-15)	10.6		9.4 - 12.5
		Day 29	2020-07-28 15:52 (33)	10.9		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-11 14:55 (-15)	7.85 (H)		1.78 - 7.14
		Day 29	2020-07-28 15:52 (33)	7.50 (H)		1.78 - 7.14
		Day 57	2020-08-25 17:30 (29)	5.71		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041117	Urea Nitrogen/Creatinine	Screening	2020-06-11 14:55 (-15)	27.5 (H)		7.8 - 26.7
		Day 29	2020-07-28 15:52 (33)	30.0 (H)		7.8 - 26.7
		Day 57	2020-08-25 17:30 (29)	20.0		7.8 - 26.7
US2041120	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-11 16:40 (-19)	32.5		25.1 - 36.5
		Day 29	2020-07-28 09:09 (29)	30.0		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-11 16:40 (-19)	16		10 - 33
		Day 29	2020-07-28 09:09 (29)	16		10 - 33
		Day 57	2020-08-24 08:16 (28)	15		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-11 16:40 (-19)	108		30 - 115
		Day 29	2020-07-28 09:09 (29)	124 (H)		30 - 115
		Day 57	2020-08-24 08:16 (28)	110		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-11 16:40 (-19)	26		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041120	Aspartate Aminotransferase (U/L)	Day 29	2020-07-28 09:09 (29)	25		10 - 36
		Day 57	2020-08-24 08:16 (28)	22		10 - 36
	Basophils (10^9/L)	Screening	2020-06-11 16:40 (-19)	0.10		0 - 0.3
		Day 29	2020-07-28 09:09 (29)	0.10		0 - 0.3
		Day 57	2020-08-24 08:16 (28)	0.08		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-11 16:40 (-19)	1.6		0 - 3
		Day 29	2020-07-28 09:09 (29)	1.9		0 - 3
		Day 57	2020-08-24 08:16 (28)	1.6		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-11 16:40 (-19)	12.7		- 18.8
		Day 29	2020-07-28 09:09 (29)	9.9		- 18.8
		Day 57	2020-08-24 08:16 (28)	3.6		- 18.8
	Creatinine (umol/L)	Screening	2020-06-11 16:40 (-19)	44 (L)		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041120	Creatinine (umol/L)	Day 29	2020-07-28 09:09 (29)	53 (L)		62 - 124
		Day 57	2020-08-24 08:16 (28)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-11 16:40 (-19)	<3.4		0 - 6.8
		Day 29	2020-07-28 09:09 (29)	<3.4		0 - 6.8
		Day 57	2020-08-24 08:16 (28)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-11 16:40 (-19)	0.08		0 - 0.8
		Day 29	2020-07-28 09:09 (29)	0.13		0 - 0.8
		Day 57	2020-08-24 08:16 (28)	0.13		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-11 16:40 (-19)	1.3		0 - 7
		Day 29	2020-07-28 09:09 (29)	2.5		0 - 7
		Day 57	2020-08-24 08:16 (28)	2.6		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-11 16:40 (-19)	4.26		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041120	Erythrocytes (10^12/L)	Day 29	2020-07-28 09:09 (29)	4.29		3.7 - 5.2
		Day 57	2020-08-24 08:16 (28)	4.12		3.7 - 5.2
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-11 16:40 (-19)	61.3 (H)		1.7 - 21.5
	Hematocrit (L/L)	Screening	2020-06-11 16:40 (-19)	0.438		0.33 - 0.47
		Day 29	2020-07-28 09:09 (29)	0.441		0.33 - 0.47
		Day 57	2020-08-24 08:16 (28)	0.459		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-11 16:40 (-19)	134		110 - 155
		Day 29	2020-07-28 09:09 (29)	138		110 - 155
		Day 57	2020-08-24 08:16 (28)	132	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-11 16:40 (-19)	<0.03		0 - 0.07
		Day 29	2020-07-28 09:09 (29)	<0.03		0 - 0.07
		Day 57	2020-08-24 08:16 (28)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041120	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-11 16:40 (-19)	0.3		0 - 1
		Day 29	2020-07-28 09:09 (29)	0.2		0 - 1
		Day 57	2020-08-24 08:16 (28)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-11 16:40 (-19)	6.33		3.7 - 11
		Day 29	2020-07-28 09:09 (29)	5.14		3.7 - 11
		Day 57	2020-08-24 08:16 (28)	5.01		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-11 16:40 (-19)	2.58		0.9 - 3.6
		Day 29	2020-07-28 09:09 (29)	1.93		0.9 - 3.6
		Day 57	2020-08-24 08:16 (28)	2.16		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-11 16:40 (-19)	40.8		12 - 46
		Day 29	2020-07-28 09:09 (29)	37.5		12 - 46
		Day 57	2020-08-24 08:16 (28)	43.1		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041120	Monocytes (10^9/L)	Screening	2020-06-11 16:40 (-19)	0.53		0 - 1.2
		Day 29	2020-07-28 09:09 (29)	0.57		0 - 1.2
		Day 57	2020-08-24 08:16 (28)	0.34		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-11 16:40 (-19)	8.4		0 - 11
		Day 29	2020-07-28 09:09 (29)	11.1 (H)		0 - 11
		Day 57	2020-08-24 08:16 (28)	6.8		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-11 16:40 (-19)	3.02		1.7 - 7.9
		Day 29	2020-07-28 09:09 (29)	2.40		1.7 - 7.9
		Day 57	2020-08-24 08:16 (28)	2.29		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-11 16:40 (-19)	47.6		34 - 71
		Day 29	2020-07-28 09:09 (29)	46.8		34 - 71
		Day 57	2020-08-24 08:16 (28)	45.7		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041120	Platelets (10^9/L)	Screening	2020-06-11 16:40 (-19)	210		163 - 375
		Day 29	2020-07-28 09:09 (29)	200		163 - 375
		Day 57	2020-08-24 08:16 (28)	220		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-11 16:40 (-19)	0.9		0.9 - 1.1
		Day 29	2020-07-28 09:09 (29)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-11 16:40 (-19)	10.4		9.4 - 12.5
		Day 29	2020-07-28 09:09 (29)	10.6		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-11 16:40 (-19)	5.71		1.78 - 7.14
		Day 29	2020-07-28 09:09 (29)	5.35		1.78 - 7.14
		Day 57	2020-08-24 08:16 (28)	6.43		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-11 16:40 (-19)	32.0 (H)		7.8 - 26.7
		Day 29	2020-07-28 09:09 (29)	25.0		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041120	Urea Nitrogen/Creatinine	Day 57	2020-08-24 08:16 (28)	30.0 (H)		7.8 - 26.7
US2041122	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-12 09:05 (-17)	30.8		25.1 - 36.5
		Day 29	2020-07-27 13:33 (29)	27.5		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-12 09:05 (-17)	15		10 - 33
		Day 29	2020-07-27 13:33 (29)	15		10 - 33
		Day 57	2020-08-24 09:42 (29)	14		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-12 09:05 (-17)	73		30 - 115
		Day 29	2020-07-27 13:33 (29)	79		30 - 115
		Day 57	2020-08-24 09:42 (29)	91		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-12 09:05 (-17)	27		10 - 36
		Day 29	2020-07-27 13:33 (29)	24		10 - 36
		Day 57	2020-08-24 09:42 (29)	29		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041122	Basophils (10^9/L)	Screening	2020-06-12 09:05 (-17)	0.03		0 - 0.3
		Day 29	2020-07-27 13:33 (29)	0.03		0 - 0.3
		Day 57	2020-08-24 09:42 (29)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-12 09:05 (-17)	0.5		0 - 3
		Day 29	2020-07-27 13:33 (29)	0.3		0 - 3
		Day 57	2020-08-24 09:42 (29)	0.4		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-12 09:05 (-17)	5.8		- 18.8
		Day 29	2020-07-27 13:33 (29)	4.8		- 18.8
		Day 57	2020-08-24 09:42 (29)	3.6		- 18.8
	Creatinine (umol/L)	Screening	2020-06-12 09:05 (-17)	53 (L)		62 - 124
		Day 29	2020-07-27 13:33 (29)	62		62 - 124
		Day 57	2020-08-24 09:42 (29)	62		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041122	Direct Bilirubin (umol/L)	Screening	2020-06-12 09:05 (-17)	<3.4		0 - 6.8
		Day 29	2020-07-27 13:33 (29)	<3.4		0 - 6.8
		Day 57	2020-08-24 09:42 (29)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-12 09:05 (-17)	0.20		0 - 0.8
		Day 29	2020-07-27 13:33 (29)	0.26		0 - 0.8
		Day 57	2020-08-24 09:42 (29)	0.29		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-12 09:05 (-17)	3.1		0 - 7
		Day 29	2020-07-27 13:33 (29)	2.9		0 - 7
		Day 57	2020-08-24 09:42 (29)	3.8		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-12 09:05 (-17)	4.62		3.7 - 5.2
		Day 29	2020-07-27 13:33 (29)	4.25		3.7 - 5.2
		Day 57	2020-08-24 09:42 (29)	4.50		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041122	Hematocrit (L/L)	Screening	2020-06-12 09:05 (-17)	0.488 (H)		0.33 - 0.47
		Day 29	2020-07-27 13:33 (29)	0.446		0.33 - 0.47
		Day 57	2020-08-24 09:42 (29)	0.517 (H)		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-12 09:05 (-17)	146		110 - 155
		Day 29	2020-07-27 13:33 (29)	136	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-24 09:42 (29)	144	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-12 09:05 (-17)	<0.03		0 - 0.07
		Day 29	2020-07-27 13:33 (29)	<0.03		0 - 0.07
		Day 57	2020-08-24 09:42 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-12 09:05 (-17)	0.3		0 - 1
		Day 29	2020-07-27 13:33 (29)	0.1		0 - 1
		Day 57	2020-08-24 09:42 (29)	0.3		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041122	Leukocytes (10^9/L)	Screening	2020-06-12 09:05 (-17)	6.39		3.7 - 11
		Day 29	2020-07-27 13:33 (29)	8.85		3.7 - 11
		Day 57	2020-08-24 09:42 (29)	7.63		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-12 09:05 (-17)	1.88		0.9 - 3.6
		Day 29	2020-07-27 13:33 (29)	2.08		0.9 - 3.6
		Day 57	2020-08-24 09:42 (29)	1.88		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-12 09:05 (-17)	29.4		12 - 46
		Day 29	2020-07-27 13:33 (29)	23.5		12 - 46
		Day 57	2020-08-24 09:42 (29)	24.6		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-12 09:05 (-17)	0.51		0 - 1.2
		Day 29	2020-07-27 13:33 (29)	0.60		0 - 1.2
		Day 57	2020-08-24 09:42 (29)	0.26		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041122	Monocytes/Leukocytes (%)	Screening	2020-06-12 09:05 (-17)	8.0		0 - 11
		Day 29	2020-07-27 13:33 (29)	6.8		0 - 11
		Day 57	2020-08-24 09:42 (29)	3.4		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-12 09:05 (-17)	3.75		1.7 - 7.9
		Day 29	2020-07-27 13:33 (29)	5.87		1.7 - 7.9
		Day 57	2020-08-24 09:42 (29)	5.15		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-12 09:05 (-17)	58.7		34 - 71
		Day 29	2020-07-27 13:33 (29)	66.4		34 - 71
		Day 57	2020-08-24 09:42 (29)	67.5		34 - 71
	Platelets (10^9/L)	Screening	2020-06-12 09:05 (-17)	361		163 - 375
		Day 29	2020-07-27 13:33 (29)	335		163 - 375
		Day 57	2020-08-24 09:42 (29)	352		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041122	Prothrombin Intl. Normalized Ratio	Screening	2020-06-12 09:05 (-17)	1.0		0.9 - 1.1
		Day 29	2020-07-27 13:33 (29)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-12 09:05 (-17)	11.3		9.4 - 12.5
		Day 29	2020-07-27 13:33 (29)	12.0		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-12 09:05 (-17)	6.07		1.78 - 7.14
		Day 29	2020-07-27 13:33 (29)	6.07		1.78 - 7.14
		Day 57	2020-08-24 09:42 (29)	6.07		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-12 09:05 (-17)	28.3 (H)		7.8 - 26.7
		Day 29	2020-07-27 13:33 (29)	24.3		7.8 - 26.7
		Day 57	2020-08-24 09:42 (29)	24.3		7.8 - 26.7
US2041123	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-12 09:18 (-14)	26.8		25.1 - 36.5
		Unscheduled	2020-07-31 12:02 (8)	25.7		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041123	Alanine Aminotransferase (U/L)	Screening	2020-06-12 09:18 (-14)	23		10 - 33
		Day 29	2020-07-24 09:05 (29)	21		10 - 33
		Day 57	2020-08-21 08:20 (29)	19		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-12 09:18 (-14)	57		30 - 115
		Day 29	2020-07-24 09:05 (29)	57		30 - 115
		Day 57	2020-08-21 08:20 (29)	65		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-12 09:18 (-14)	27		10 - 36
		Day 29	2020-07-24 09:05 (29)	24		10 - 36
		Day 57	2020-08-21 08:20 (29)	28		10 - 36
	Basophils (10^9/L)	Screening	2020-06-12 09:18 (-14)	0.03		0 - 0.3
		Day 29	2020-07-24 09:05 (29)	<0.03		0 - 0.3
		Day 57	2020-08-21 08:20 (29)	0.03		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041123	Basophils/Leukocytes (%)	Screening	2020-06-12 09:18 (-14)	0.7		0 - 3
		Day 29	2020-07-24 09:05 (29)	0.5		0 - 3
		Day 57	2020-08-21 08:20 (29)	0.7		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-12 09:18 (-14)	5.6		- 18.8
		Day 29	2020-07-24 09:05 (29)	6.3		- 18.8
		Day 57	2020-08-21 08:20 (29)	4.4		- 18.8
	Creatinine (umol/L)	Screening	2020-06-12 09:18 (-14)	53 (L)		62 - 124
		Day 29	2020-07-24 09:05 (29)	53 (L)		62 - 124
		Day 57	2020-08-21 08:20 (29)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-12 09:18 (-14)	<3.4		0 - 6.8
		Day 29	2020-07-24 09:05 (29)	<3.4		0 - 6.8
		Day 57	2020-08-21 08:20 (29)	<3.4		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041123	Eosinophils (10^9/L)	Screening	2020-06-12 09:18 (-14)	0.10		0 - 0.8
		Day 29	2020-07-24 09:05 (29)	0.09		0 - 0.8
		Day 57	2020-08-21 08:20 (29)	0.10		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-12 09:18 (-14)	2.3		0 - 7
		Day 29	2020-07-24 09:05 (29)	2.3		0 - 7
		Day 57	2020-08-21 08:20 (29)	2.3		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-12 09:18 (-14)	4.42		3.7 - 5.2
		Day 29	2020-07-24 09:05 (29)	4.39		3.7 - 5.2
		Day 57	2020-08-21 08:20 (29)	4.61		3.7 - 5.2
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-12 09:18 (-14)	93.3 (H)		1.7 - 21.5
	Hematocrit (L/L)	Screening	2020-06-12 09:18 (-14)	0.443		0.33 - 0.47
		Day 29	2020-07-24 09:05 (29)	0.443		0.33 - 0.47

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041123	Hematocrit (L/L)	Day 57	2020-08-21 08:20 (29)	0.456		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-12 09:18 (-14)	139		110 - 155
		Day 29	2020-07-24 09:05 (29)	137	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-21 08:20 (29)	144		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-12 09:18 (-14)	<0.03		0 - 0.07
		Day 29	2020-07-24 09:05 (29)	<0.03		0 - 0.07
		Day 57	2020-08-21 08:20 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-12 09:18 (-14)	0.2		0 - 1
		Day 29	2020-07-24 09:05 (29)	0.3		0 - 1
		Day 57	2020-08-21 08:20 (29)	0.0		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-12 09:18 (-14)	4.34		3.7 - 11
		Day 29	2020-07-24 09:05 (29)	3.98		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041123	Leukocytes (10^9/L)	Day 57	2020-08-21 08:20 (29)	4.33		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-12 09:18 (-14)	1.76		0.9 - 3.6
		Day 29	2020-07-24 09:05 (29)	1.82		0.9 - 3.6
		Day 57	2020-08-21 08:20 (29)	2.25		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-12 09:18 (-14)	40.6		12 - 46
		Day 29	2020-07-24 09:05 (29)	45.7		12 - 46
		Day 57	2020-08-21 08:20 (29)	52.0 (H)		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-12 09:18 (-14)	0.35		0 - 1.2
		Day 29	2020-07-24 09:05 (29)	0.28		0 - 1.2
		Day 57	2020-08-21 08:20 (29)	0.28		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-12 09:18 (-14)	8.1		0 - 11
		Day 29	2020-07-24 09:05 (29)	7.0		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041123	Monocytes/Leukocytes (%)	Day 57	2020-08-21 08:20 (29)	6.5		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-12 09:18 (-14)	2.09		1.7 - 7.9
		Day 29	2020-07-24 09:05 (29)	1.76	G1 Neutrophils Decreased	1.7 - 7.9
		Day 57	2020-08-21 08:20 (29)	1.67 (L)	G1 Neutrophils Decreased	1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-12 09:18 (-14)	48.1		34 - 71
		Day 29	2020-07-24 09:05 (29)	44.2		34 - 71
		Day 57	2020-08-21 08:20 (29)	38.5		34 - 71
	Platelets (10^9/L)	Screening	2020-06-12 09:18 (-14)	288		163 - 375
		Day 29	2020-07-24 09:05 (29)	212		163 - 375
		Day 57	2020-08-21 08:20 (29)	224		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-12 09:18 (-14)	0.9		0.9 - 1.1
		Unscheduled	2020-07-31 12:02 (8)	1.0		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041123	Prothrombin Time (sec)	Screening	2020-06-12 09:18 (-14)	11.0		9.4 - 12.5
		Unscheduled	2020-07-31 12:02 (8)	11.9		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-12 09:18 (-14)	5.00		1.78 - 7.14
		Day 29	2020-07-24 09:05 (29)	6.78		1.78 - 7.14
		Day 57	2020-08-21 08:20 (29)	7.50 (H)		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-12 09:18 (-14)	23.3		7.8 - 26.7
		Day 29	2020-07-24 09:05 (29)	31.7 (H)		7.8 - 26.7
		Day 57	2020-08-21 08:20 (29)	30.0 (H)		7.8 - 26.7
US2041125	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-12 11:30 (-17)	38.7 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
		Unscheduled	2020-06-16 14:30 (-13)	33.5		25.1 - 36.5
		Day 29	2020-07-28 15:56 (30)	35.4		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041125	Alanine Aminotransferase (U/L)	Screening	2020-06-12 11:30 (-17)	14		10 - 33
		Day 29	2020-07-28 15:56 (30)	18		10 - 33
		Day 57	2020-08-25 15:52 (29)	20		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-12 11:30 (-17)	55		30 - 115
		Day 29	2020-07-28 15:56 (30)	54		30 - 115
		Day 57	2020-08-25 15:52 (29)	50		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-12 11:30 (-17)	17		10 - 36
		Day 29	2020-07-28 15:56 (30)	21		10 - 36
		Day 57	2020-08-25 15:52 (29)	21		10 - 36
	Basophils (10^9/L)	Screening	2020-06-12 11:30 (-17)	<0.03		0 - 0.3
		Day 29	2020-07-28 15:56 (30)	<0.03		0 - 0.3
		Day 57	2020-08-25 15:52 (29)	0.03		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041125	Basophils/Leukocytes (%)	Screening	2020-06-12 11:30 (-17)	0.4		0 - 3
		Day 29	2020-07-28 15:56 (30)	0.3		0 - 3
		Day 57	2020-08-25 15:52 (29)	0.6		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-12 11:30 (-17)	5.5		- 18.8
		Day 29	2020-07-28 15:56 (30)	3.9		- 18.8
		Day 57	2020-08-25 15:52 (29)	4.6		- 18.8
	Creatinine (umol/L)	Screening	2020-06-12 11:30 (-17)	71		62 - 124
		Day 29	2020-07-28 15:56 (30)	62		62 - 124
		Day 57	2020-08-25 15:52 (29)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-12 11:30 (-17)	<3.4		0 - 6.8
		Day 29	2020-07-28 15:56 (30)	<3.4		0 - 6.8
		Day 57	2020-08-25 15:52 (29)	<3.4		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041125	Eosinophils (10^9/L)	Screening	2020-06-12 11:30 (-17)	0.13		0 - 0.8
		Day 29	2020-07-28 15:56 (30)	0.12		0 - 0.8
		Day 57	2020-08-25 15:52 (29)	0.14		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-12 11:30 (-17)	2.6		0 - 7
		Day 29	2020-07-28 15:56 (30)	2.1		0 - 7
		Day 57	2020-08-25 15:52 (29)	2.7		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-12 11:30 (-17)	4.72		3.7 - 5.2
		Day 29	2020-07-28 15:56 (30)	4.75		3.7 - 5.2
		Day 57	2020-08-25 15:52 (29)	4.79		3.7 - 5.2
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-12 11:30 (-17)	111.3 (H)		1.7 - 21.5
	Hematocrit (L/L)	Screening	2020-06-12 11:30 (-17)	0.467		0.33 - 0.47
		Day 29	2020-07-28 15:56 (30)	0.498 (H)		0.33 - 0.47

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041125	Hematocrit (L/L)	Day 57	2020-08-25 15:52 (29)	0.495 (H)		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-12 11:30 (-17)	143		110 - 155
		Day 29	2020-07-28 15:56 (30)	144		110 - 155
		Day 57	2020-08-25 15:52 (29)	142	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-12 11:30 (-17)	<0.03		0 - 0.07
		Day 29	2020-07-28 15:56 (30)	<0.03		0 - 0.07
		Day 57	2020-08-25 15:52 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-12 11:30 (-17)	0.2		0 - 1
		Day 29	2020-07-28 15:56 (30)	0.2		0 - 1
		Day 57	2020-08-25 15:52 (29)	0.4		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-12 11:30 (-17)	4.97		3.7 - 11
		Day 29	2020-07-28 15:56 (30)	5.74		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041125	Leukocytes (10^9/L)	Day 57	2020-08-25 15:52 (29)	5.17		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-12 11:30 (-17)	2.05		0.9 - 3.6
		Day 29	2020-07-28 15:56 (30)	2.31		0.9 - 3.6
		Day 57	2020-08-25 15:52 (29)	2.21		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-12 11:30 (-17)	41.2		12 - 46
		Day 29	2020-07-28 15:56 (30)	40.2		12 - 46
		Day 57	2020-08-25 15:52 (29)	42.7		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-12 11:30 (-17)	0.44		0 - 1.2
		Day 29	2020-07-28 15:56 (30)	0.39		0 - 1.2
		Day 57	2020-08-25 15:52 (29)	0.45		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-12 11:30 (-17)	8.9		0 - 11
		Day 29	2020-07-28 15:56 (30)	6.8		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041125	Monocytes/Leukocytes (%)	Day 57	2020-08-25 15:52 (29)	8.7		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-12 11:30 (-17)	2.32		1.7 - 7.9
		Day 29	2020-07-28 15:56 (30)	2.89		1.7 - 7.9
		Day 57	2020-08-25 15:52 (29)	2.32		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-12 11:30 (-17)	46.7		34 - 71
		Day 29	2020-07-28 15:56 (30)	50.4		34 - 71
		Day 57	2020-08-25 15:52 (29)	44.9		34 - 71
	Platelets (10^9/L)	Screening	2020-06-12 11:30 (-17)	288		163 - 375
		Day 29	2020-07-28 15:56 (30)	319		163 - 375
		Day 57	2020-08-25 15:52 (29)	291		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-12 11:30 (-17)	1.2 (H)		0.9 - 1.1
		Unscheduled	2020-06-16 14:30 (-13)	1.0		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041125	Prothrombin Intl. Normalized Ratio	Day 29	2020-07-28 15:56 (30)	1.1		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-12 11:30 (-17)	13.8 (H)	G2 Prothrombin Time Increased	9.4 - 12.5
		Unscheduled	2020-06-16 14:30 (-13)	12.0		9.4 - 12.5
		Day 29	2020-07-28 15:56 (30)	13.4 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-12 11:30 (-17)	5.71		1.78 - 7.14
		Day 29	2020-07-28 15:56 (30)	6.07		1.78 - 7.14
		Day 57	2020-08-25 15:52 (29)	5.35		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-12 11:30 (-17)	20.0		7.8 - 26.7
		Day 29	2020-07-28 15:56 (30)	24.3		7.8 - 26.7
		Day 57	2020-08-25 15:52 (29)	21.4		7.8 - 26.7
US2041126	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-12 12:00 (-14)	31.3		25.1 - 36.5
		Day 29	2020-07-28 10:30 (33)	29.3		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041126	Activated Partial Thromboplastin Time (sec)	Day 57	2020-08-28 09:45 (32)	28.2		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-12 12:00 (-14)	17		10 - 33
		Day 29	2020-07-28 10:30 (33)	15		10 - 33
		Day 57	2020-08-28 09:45 (32)	17		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-12 12:00 (-14)	96		30 - 115
		Day 29	2020-07-28 10:30 (33)	91		30 - 115
		Day 57	2020-08-28 09:45 (32)	84		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-12 12:00 (-14)	21		10 - 36
		Day 29	2020-07-28 10:30 (33)	23		10 - 36
		Day 57	2020-08-28 09:45 (32)	17		10 - 36
	Basophils (10^9/L)	Screening	2020-06-12 12:00 (-14)	0.07		0 - 0.3
		Day 29	2020-07-28 10:30 (33)	0.08		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041126	Basophils (10^9/L)	Day 57	2020-08-28 09:45 (32)	0.07		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-12 12:00 (-14)	1.2		0 - 3
		Day 29	2020-07-28 10:30 (33)	1.5		0 - 3
		Day 57	2020-08-28 09:45 (32)	1.3		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-12 12:00 (-14)	3.8		- 18.8
		Day 29	2020-07-28 10:30 (33)	6.3		- 18.8
		Day 57	2020-08-28 09:45 (32)	4.3		- 18.8
	Creatinine (umol/L)	Screening	2020-06-12 12:00 (-14)	53 (L)		62 - 124
		Day 29	2020-07-28 10:30 (33)	53 (L)		62 - 124
		Day 57	2020-08-28 09:45 (32)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-12 12:00 (-14)	<3.4		0 - 6.8
		Day 29	2020-07-28 10:30 (33)	<3.4		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041126	Direct Bilirubin (umol/L)	Day 57	2020-08-28 09:45 (32)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-12 12:00 (-14)	0.31		0 - 0.8
		Day 29	2020-07-28 10:30 (33)	0.26		0 - 0.8
		Day 57	2020-08-28 09:45 (32)	0.40		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-12 12:00 (-14)	5.3		0 - 7
		Day 29	2020-07-28 10:30 (33)	4.8		0 - 7
		Day 57	2020-08-28 09:45 (32)	7.4 (H)		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-12 12:00 (-14)	4.86		3.7 - 5.2
		Day 29	2020-07-28 10:30 (33)	4.79		3.7 - 5.2
		Day 57	2020-08-28 09:45 (32)	4.76		3.7 - 5.2
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-12 12:00 (-14)	107.8 (H)		1.7 - 21.5
	Hematocrit (L/L)	Screening	2020-06-12 12:00 (-14)	0.479 (H)		0.33 - 0.47

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041126	Hematocrit (L/L)	Day 29	2020-07-28 10:30 (33)	0.470		0.33 - 0.47
		Day 57	2020-08-28 09:45 (32)	0.482 (H)		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-12 12:00 (-14)	146		110 - 155
		Day 29	2020-07-28 10:30 (33)	146		110 - 155
		Day 57	2020-08-28 09:45 (32)	144	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-12 12:00 (-14)	<0.03		0 - 0.07
		Day 29	2020-07-28 10:30 (33)	<0.03		0 - 0.07
		Day 57	2020-08-28 09:45 (32)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-12 12:00 (-14)	0.3		0 - 1
		Day 29	2020-07-28 10:30 (33)	0.0		0 - 1
		Day 57	2020-08-28 09:45 (32)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-12 12:00 (-14)	5.81		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041126	Leukocytes (10^9/L)	Day 29	2020-07-28 10:30 (33)	5.38		3.7 - 11
		Day 57	2020-08-28 09:45 (32)	5.43		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-12 12:00 (-14)	1.83		0.9 - 3.6
		Day 29	2020-07-28 10:30 (33)	1.70		0.9 - 3.6
		Day 57	2020-08-28 09:45 (32)	1.76		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-12 12:00 (-14)	31.5		12 - 46
		Day 29	2020-07-28 10:30 (33)	31.6		12 - 46
		Day 57	2020-08-28 09:45 (32)	32.4		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-12 12:00 (-14)	0.46		0 - 1.2
		Day 29	2020-07-28 10:30 (33)	0.42		0 - 1.2
		Day 57	2020-08-28 09:45 (32)	0.55		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-12 12:00 (-14)	7.9		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041126	Monocytes/Leukocytes (%)	Day 29	2020-07-28 10:30 (33)	7.8		0 - 11
		Day 57	2020-08-28 09:45 (32)	10.1		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-12 12:00 (-14)	3.12		1.7 - 7.9
		Day 29	2020-07-28 10:30 (33)	2.92		1.7 - 7.9
		Day 57	2020-08-28 09:45 (32)	2.64		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-12 12:00 (-14)	53.8		34 - 71
		Day 29	2020-07-28 10:30 (33)	54.3		34 - 71
		Day 57	2020-08-28 09:45 (32)	48.6		34 - 71
	Platelets (10^9/L)	Screening	2020-06-12 12:00 (-14)	182		163 - 375
		Day 29	2020-07-28 10:30 (33)	177		163 - 375
		Day 57	2020-08-28 09:45 (32)	187		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-12 12:00 (-14)	1.0		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041126	Prothrombin Intl. Normalized Ratio	Day 29	2020-07-28 10:30 (33)	1.0		0.9 - 1.1
		Day 57	2020-08-28 09:45 (32)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-12 12:00 (-14)	11.1		9.4 - 12.5
		Day 29	2020-07-28 10:30 (33)	11.6		9.4 - 12.5
		Day 57	2020-08-28 09:45 (32)	11.3		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-12 12:00 (-14)	3.57		1.78 - 7.14
		Day 29	2020-07-28 10:30 (33)	4.28		1.78 - 7.14
		Day 57	2020-08-28 09:45 (32)	5.00		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-12 12:00 (-14)	16.7		7.8 - 26.7
		Day 29	2020-07-28 10:30 (33)	20.0		7.8 - 26.7
		Day 57	2020-08-28 09:45 (32)	23.3		7.8 - 26.7
US2041131	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-15 10:24 (-14)	33.8		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041131	Activated Partial Thromboplastin Time (sec)	Day 29	2020-08-10 09:25 (43)	31.5		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-15 10:24 (-14)	14		10 - 40
		Day 29	2020-08-10 09:25 (43)	16		10 - 40
		Day 57	2020-09-15 15:20 (37)	14		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-15 10:24 (-14)	52		43 - 115
		Day 29	2020-08-10 09:25 (43)	50		43 - 115
		Day 57	2020-09-15 15:20 (37)	51		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-15 10:24 (-14)	16		10 - 43
		Day 29	2020-08-10 09:25 (43)	13		10 - 43
		Day 57	2020-09-15 15:20 (37)	16		10 - 43
	Basophils (10^9/L)	Screening	2020-06-15 10:24 (-14)	0.03		0 - 0.3
		Day 29	2020-08-10 09:25 (43)	0.03		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041131	Basophils (10^9/L)	Day 57	2020-09-15 15:20 (37)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-15 10:24 (-14)	0.6		0 - 3
		Day 29	2020-08-10 09:25 (43)	0.6		0 - 3
		Day 57	2020-09-15 15:20 (37)	0.7		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-15 10:24 (-14)	8.0		- 18.8
		Day 29	2020-08-10 09:25 (43)	6.7		- 18.8
		Day 57	2020-09-15 15:20 (37)	6.2		- 18.8
	Creatinine (umol/L)	Screening	2020-06-15 10:24 (-14)	80		62 - 124
		Day 29	2020-08-10 09:25 (43)	62		62 - 124
		Day 57	2020-09-15 15:20 (37)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-15 10:24 (-14)	<3.4		0 - 6.8
		Day 29	2020-08-10 09:25 (43)	<3.4		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041131	Direct Bilirubin (umol/L)	Day 57	2020-09-15 15:20 (37)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-15 10:24 (-14)	0.20		0 - 0.8
		Day 29	2020-08-10 09:25 (43)	0.22		0 - 0.8
		Day 57	2020-09-15 15:20 (37)	0.27		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-15 10:24 (-14)	4.0		0 - 7
		Day 29	2020-08-10 09:25 (43)	4.7		0 - 7
		Day 57	2020-09-15 15:20 (37)	4.5		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-15 10:24 (-14)	5.07		4.63 - 6.08
		Day 29	2020-08-10 09:25 (43)	4.96		4.63 - 6.08
		Day 57	2020-09-15 15:20 (37)	4.84		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-15 10:24 (-14)	0.509		0.37 - 0.51
		Day 29	2020-08-10 09:25 (43)	0.495		0.37 - 0.51

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041131	Hematocrit (L/L)	Day 57	2020-09-15 15:20 (37)	0.470		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-15 10:24 (-14)	159		125 - 170
		Day 29	2020-08-10 09:25 (43)	153	G1 Hemoglobin Decreased	125 - 170
		Day 57	2020-09-15 15:20 (37)	150	G1 Hemoglobin Decreased	125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-15 10:24 (-14)	<0.03		0 - 0.07
		Day 29	2020-08-10 09:25 (43)	0.03		0 - 0.07
		Day 57	2020-09-15 15:20 (37)	0.05		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-15 10:24 (-14)	0.4		0 - 1
		Day 29	2020-08-10 09:25 (43)	0.6		0 - 1
		Day 57	2020-09-15 15:20 (37)	0.8		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-15 10:24 (-14)	4.94		3.7 - 11
		Day 29	2020-08-10 09:25 (43)	4.69		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041131	Leukocytes (10^9/L)	Day 57	2020-09-15 15:20 (37)	5.95		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-15 10:24 (-14)	0.95	G1 Lymphocytes Decreased	0.9 - 3.6
		Day 29	2020-08-10 09:25 (43)	1.04		0.9 - 3.6
		Day 57	2020-09-15 15:20 (37)	1.32		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-15 10:24 (-14)	19.2		12 - 46
		Day 29	2020-08-10 09:25 (43)	22.2		12 - 46
		Day 57	2020-09-15 15:20 (37)	22.2		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-15 10:24 (-14)	0.40		0 - 1.2
		Day 29	2020-08-10 09:25 (43)	0.38		0 - 1.2
		Day 57	2020-09-15 15:20 (37)	0.41		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-15 10:24 (-14)	8.1		0 - 11
		Day 29	2020-08-10 09:25 (43)	8.1		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041131	Monocytes/Leukocytes (%)	Day 57	2020-09-15 15:20 (37)	6.9		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-15 10:24 (-14)	3.34		1.7 - 7.9
		Day 29	2020-08-10 09:25 (43)	2.99		1.7 - 7.9
		Day 57	2020-09-15 15:20 (37)	3.86		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-15 10:24 (-14)	67.7		34 - 71
		Day 29	2020-08-10 09:25 (43)	63.8		34 - 71
		Day 57	2020-09-15 15:20 (37)	64.9		34 - 71
	Platelets (10^9/L)	Screening	2020-06-15 10:24 (-14)	192		163 - 375
		Day 29	2020-08-10 09:25 (43)	180		163 - 375
		Day 57	2020-09-15 15:20 (37)	195		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-15 10:24 (-14)	0.9		0.9 - 1.1
		Day 29	2020-08-10 09:25 (43)	0.9		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041131	Prothrombin Time (sec)	Screening	2020-06-15 10:24 (-14)	10.4		9.4 - 12.5
		Day 29	2020-08-10 09:25 (43)	10.4		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-15 10:24 (-14)	5.71		1.78 - 7.14
		Day 29	2020-08-10 09:25 (43)	7.50 (H)		1.78 - 7.14
		Day 57	2020-09-15 15:20 (37)	6.43		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-15 10:24 (-14)	17.8		7.8 - 26.7
		Day 29	2020-08-10 09:25 (43)	30.0 (H)		7.8 - 26.7
		Day 57	2020-09-15 15:20 (37)	22.5		7.8 - 26.7
US2041136	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-15 16:10 (-16)	30.1		25.1 - 36.5
		Day 29	2020-08-03 14:57 (34)	22.4 (L)		25.1 - 36.5
		Day 57	2020-09-01 13:23 (30)	27.0		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-15 16:10 (-16)	16		10 - 40

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041136	Alanine Aminotransferase (U/L)	Day 29	2020-08-03 14:57 (34)	18		10 - 40
		Day 57	2020-09-01 13:23 (30)	18		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-15 16:10 (-16)	74		43 - 115
		Day 29	2020-08-03 14:57 (34)	72		43 - 115
		Day 57	2020-09-01 13:23 (30)	68		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-15 16:10 (-16)	18		10 - 43
		Day 29	2020-08-03 14:57 (34)	19		10 - 43
		Day 57	2020-09-01 13:23 (30)	19		10 - 43
	Basophils (10^9/L)	Screening	2020-06-15 16:10 (-16)	0.06		0 - 0.3
		Day 29	2020-08-03 14:57 (34)	0.06		0 - 0.3
		Day 57	2020-09-01 13:23 (30)	0.05		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-15 16:10 (-16)	1.4		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041136	Basophils/Leukocytes (%)	Day 29	2020-08-03 14:57 (34)	1.3		0 - 3
		Day 57	2020-09-01 13:23 (30)	1.1		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-15 16:10 (-16)	9.1		- 18.8
		Day 29	2020-08-03 14:57 (34)	8.7		- 18.8
		Day 57	2020-09-01 13:23 (30)	9.7		- 18.8
	Creatinine (umol/L)	Screening	2020-06-15 16:10 (-16)	62		62 - 124
		Day 29	2020-08-03 14:57 (34)	62		62 - 124
		Day 57	2020-09-01 13:23 (30)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-15 16:10 (-16)	<3.4		0 - 6.8
		Day 29	2020-08-03 14:57 (34)	<3.4		0 - 6.8
		Day 57	2020-09-01 13:23 (30)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-15 16:10 (-16)	0.13		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041136	Eosinophils (10^9/L)	Day 29	2020-08-03 14:57 (34)	0.07		0 - 0.8
		Day 57	2020-09-01 13:23 (30)	0.11		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-15 16:10 (-16)	3.0		0 - 7
		Day 29	2020-08-03 14:57 (34)	1.5		0 - 7
		Day 57	2020-09-01 13:23 (30)	2.4		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-15 16:10 (-16)	4.96		4.63 - 6.08
		Day 29	2020-08-03 14:57 (34)	5.11		4.63 - 6.08
		Day 57	2020-09-01 13:23 (30)	4.69		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-15 16:10 (-16)	0.471		0.37 - 0.51
		Day 29	2020-08-03 14:57 (34)	0.475		0.37 - 0.51
		Day 57	2020-09-01 13:23 (30)	0.435		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-15 16:10 (-16)	153		125 - 170

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041136	Hemoglobin (g/L)	Day 29	2020-08-03 14:57 (34)	158		125 - 170
		Day 57	2020-09-01 13:23 (30)	145	G1 Hemoglobin Decreased	125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-15 16:10 (-16)	<0.03		0 - 0.07
		Day 29	2020-08-03 14:57 (34)	<0.03		0 - 0.07
		Day 57	2020-09-01 13:23 (30)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-15 16:10 (-16)	0.0		0 - 1
		Day 29	2020-08-03 14:57 (34)	0.2		0 - 1
		Day 57	2020-09-01 13:23 (30)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-15 16:10 (-16)	4.31		3.7 - 11
		Day 29	2020-08-03 14:57 (34)	4.53		3.7 - 11
		Day 57	2020-09-01 13:23 (30)	4.56		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-15 16:10 (-16)	1.91		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041136	Lymphocytes (10^9/L)	Day 29	2020-08-03 14:57 (34)	1.48		0.9 - 3.6
		Day 57	2020-09-01 13:23 (30)	1.57		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-15 16:10 (-16)	44.3		12 - 46
		Day 29	2020-08-03 14:57 (34)	32.7		12 - 46
		Day 57	2020-09-01 13:23 (30)	34.4		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-15 16:10 (-16)	0.37		0 - 1.2
		Day 29	2020-08-03 14:57 (34)	0.36		0 - 1.2
		Day 57	2020-09-01 13:23 (30)	0.28		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-15 16:10 (-16)	8.6		0 - 11
		Day 29	2020-08-03 14:57 (34)	7.9		0 - 11
		Day 57	2020-09-01 13:23 (30)	6.1		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-15 16:10 (-16)	1.84	G1 Neutrophils Decreased	1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041136	Neutrophils (10^9/L)	Day 29	2020-08-03 14:57 (34)	2.55		1.7 - 7.9
		Day 57	2020-09-01 13:23 (30)	2.54		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-15 16:10 (-16)	42.7		34 - 71
		Day 29	2020-08-03 14:57 (34)	56.4		34 - 71
		Day 57	2020-09-01 13:23 (30)	55.8		34 - 71
	Platelets (10^9/L)	Screening	2020-06-15 16:10 (-16)	177		163 - 375
		Day 29	2020-08-03 14:57 (34)	143 (L)		163 - 375
		Day 57	2020-09-01 13:23 (30)	175		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-15 16:10 (-16)	1.0		0.9 - 1.1
		Day 29	2020-08-03 14:57 (34)	1.0		0.9 - 1.1
		Day 57	2020-09-01 13:23 (30)	1.1		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-15 16:10 (-16)	12.0		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041136	Prothrombin Time (sec)	Day 29	2020-08-03 14:57 (34)	12.5		9.4 - 12.5
		Day 57	2020-09-01 13:23 (30)	13.0 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-15 16:10 (-16)	5.00		1.78 - 7.14
		Day 29	2020-08-03 14:57 (34)	5.00		1.78 - 7.14
		Day 57	2020-09-01 13:23 (30)	5.00		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-15 16:10 (-16)	20.0		7.8 - 26.7
		Day 29	2020-08-03 14:57 (34)	20.0		7.8 - 26.7
		Day 57	2020-09-01 13:23 (30)	20.0		7.8 - 26.7
US2041138	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-16 09:11 (-10)	29.1		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-16 09:11 (-10)	32		10 - 40
		Day 29	2020-07-24 10:10 (29)	27		10 - 40
		Day 57	2020-08-18 10:24 (26)	29		10 - 40

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041138	Alkaline Phosphatase (U/L)	Screening	2020-06-16 09:11 (-10)	62		43 - 115
		Day 29	2020-07-24 10:10 (29)	60		43 - 115
		Day 57	2020-08-18 10:24 (26)	62		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-16 09:11 (-10)	26		10 - 43
		Day 29	2020-07-24 10:10 (29)	21		10 - 43
		Day 57	2020-08-18 10:24 (26)	21		10 - 43
	Basophils (10^9/L)	Screening	2020-06-16 09:11 (-10)	<0.03		0 - 0.3
		Day 29	2020-07-24 10:10 (29)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-16 09:11 (-10)	0.4		0 - 3
		Day 29	2020-07-24 10:10 (29)	0.4		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-16 09:11 (-10)	12.8		- 18.8
		Day 29	2020-07-24 10:10 (29)	13.3		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041138	Bilirubin (umol/L)	Day 57	2020-08-18 10:24 (26)	10.3		- 18.8
	Creatinine (umol/L)	Screening	2020-06-16 09:11 (-10)	71		62 - 124
		Day 29	2020-07-24 10:10 (29)	71		62 - 124
		Day 57	2020-08-18 10:24 (26)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-16 09:11 (-10)	<3.4		0 - 6.8
		Day 29	2020-07-24 10:10 (29)	3.6		0 - 6.8
		Day 57	2020-08-18 10:24 (26)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-16 09:11 (-10)	0.06		0 - 0.8
		Day 29	2020-07-24 10:10 (29)	0.07		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-16 09:11 (-10)	1.2		0 - 7
		Day 29	2020-07-24 10:10 (29)	1.3		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-16 09:11 (-10)	5.15		4.63 - 6.08

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041138	Erythrocytes (10^12/L)	Day 29	2020-07-24 10:10 (29)	5.18		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-16 09:11 (-10)	0.522 (H)		0.37 - 0.51
		Day 29	2020-07-24 10:10 (29)	0.520 (H)		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-16 09:11 (-10)	164		125 - 170
		Day 29	2020-07-24 10:10 (29)	163	G1 Hemoglobin Decreased	125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-16 09:11 (-10)	<0.03		0 - 0.07
		Day 29	2020-07-24 10:10 (29)	0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-16 09:11 (-10)	0.4		0 - 1
		Day 29	2020-07-24 10:10 (29)	0.6		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-16 09:11 (-10)	5.03		3.7 - 11
		Day 29	2020-07-24 10:10 (29)	5.27		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-16 09:11 (-10)	1.39		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041138	Lymphocytes (10^9/L)	Day 29	2020-07-24 10:10 (29)	1.51		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-16 09:11 (-10)	27.6		12 - 46
		Day 29	2020-07-24 10:10 (29)	28.7		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-16 09:11 (-10)	0.43		0 - 1.2
		Day 29	2020-07-24 10:10 (29)	0.44		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-16 09:11 (-10)	8.5		0 - 11
		Day 29	2020-07-24 10:10 (29)	8.3		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-16 09:11 (-10)	3.11		1.7 - 7.9
		Day 29	2020-07-24 10:10 (29)	3.20		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-16 09:11 (-10)	61.9		34 - 71
		Day 29	2020-07-24 10:10 (29)	60.7		34 - 71
	Platelets (10^9/L)	Screening	2020-06-16 09:11 (-10)	194		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041138	Platelets (10^9/L)	Day 29	2020-07-24 10:10 (29)	197		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-16 09:11 (-10)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-16 09:11 (-10)	11.2		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-16 09:11 (-10)	5.71		1.78 - 7.14
		Day 29	2020-07-24 10:10 (29)	3.93		1.78 - 7.14
		Day 57	2020-08-18 10:24 (26)	4.64		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-16 09:11 (-10)	20.0		7.8 - 26.7
		Day 29	2020-07-24 10:10 (29)	13.8		7.8 - 26.7
		Day 57	2020-08-18 10:24 (26)	16.2		7.8 - 26.7
US2041144	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-16 15:23 (-10)	30.7		25.1 - 36.5
		Day 29	2020-07-28 11:36 (33)	28.1		25.1 - 36.5
		Day 57	2020-08-25 14:12 (29)	27.6		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041144	Alanine Aminotransferase (U/L)	Screening	2020-06-16 15:23 (-10)	24		10 - 33
		Day 29	2020-07-28 11:36 (33)	19		10 - 33
		Day 57	2020-08-25 14:12 (29)	23		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-16 15:23 (-10)	63		30 - 115
		Day 29	2020-07-28 11:36 (33)	61		30 - 115
		Day 57	2020-08-25 14:12 (29)	62		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-16 15:23 (-10)	23		10 - 36
		Day 29	2020-07-28 11:36 (33)	21		10 - 36
		Day 57	2020-08-25 14:12 (29)	22		10 - 36
	Basophils (10^9/L)	Screening	2020-06-16 15:23 (-10)	0.09		0 - 0.3
		Day 29	2020-07-28 11:36 (33)	0.09		0 - 0.3
		Day 57	2020-08-25 14:12 (29)	0.08		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041144	Basophils/Leukocytes (%)	Screening	2020-06-16 15:23 (-10)	1.4		0 - 3
		Day 29	2020-07-28 11:36 (33)	1.3		0 - 3
		Day 57	2020-08-25 14:12 (29)	1.3		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-16 15:23 (-10)	7.4		- 18.8
		Day 29	2020-07-28 11:36 (33)	9.2		- 18.8
		Day 57	2020-08-25 14:12 (29)	8.4		- 18.8
	Creatinine (umol/L)	Screening	2020-06-16 15:23 (-10)	71		62 - 124
		Day 29	2020-07-28 11:36 (33)	71		62 - 124
		Day 57	2020-08-25 14:12 (29)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-16 15:23 (-10)	<3.4		0 - 6.8
		Day 29	2020-07-28 11:36 (33)	<3.4		0 - 6.8
		Day 57	2020-08-25 14:12 (29)	<3.4		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041144	Eosinophils (10^9/L)	Screening	2020-06-16 15:23 (-10)	0.18		0 - 0.8
		Day 29	2020-07-28 11:36 (33)	0.22		0 - 0.8
		Day 57	2020-08-25 14:12 (29)	0.13		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-16 15:23 (-10)	2.7		0 - 7
		Day 29	2020-07-28 11:36 (33)	3.1		0 - 7
		Day 57	2020-08-25 14:12 (29)	2.1		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-16 15:23 (-10)	4.72		3.7 - 5.2
		Day 29	2020-07-28 11:36 (33)	4.93		3.7 - 5.2
		Day 57	2020-08-25 14:12 (29)	4.81		3.7 - 5.2
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-16 15:23 (-10)	61.5 (H)		1.7 - 21.5
	Hematocrit (L/L)	Screening	2020-06-16 15:23 (-10)	0.489 (H)		0.33 - 0.47
		Day 29	2020-07-28 11:36 (33)	0.498 (H)		0.33 - 0.47

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041144	Hematocrit (L/L)	Day 57	2020-08-25 14:12 (29)	0.499 (H)		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-16 15:23 (-10)	152		110 - 155
		Day 29	2020-07-28 11:36 (33)	155		110 - 155
		Day 57	2020-08-25 14:12 (29)	153		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-16 15:23 (-10)	<0.03		0 - 0.07
		Day 29	2020-07-28 11:36 (33)	<0.03		0 - 0.07
		Day 57	2020-08-25 14:12 (29)	0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-16 15:23 (-10)	0.2		0 - 1
		Day 29	2020-07-28 11:36 (33)	0.3		0 - 1
		Day 57	2020-08-25 14:12 (29)	0.5		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-16 15:23 (-10)	6.63		3.7 - 11
		Day 29	2020-07-28 11:36 (33)	7.07		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041144	Leukocytes (10^9/L)	Day 57	2020-08-25 14:12 (29)	6.11		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-16 15:23 (-10)	2.58		0.9 - 3.6
		Day 29	2020-07-28 11:36 (33)	2.71		0.9 - 3.6
		Day 57	2020-08-25 14:12 (29)	1.80		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-16 15:23 (-10)	38.9		12 - 46
		Day 29	2020-07-28 11:36 (33)	38.3		12 - 46
		Day 57	2020-08-25 14:12 (29)	29.5		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-16 15:23 (-10)	0.61		0 - 1.2
		Day 29	2020-07-28 11:36 (33)	0.64		0 - 1.2
		Day 57	2020-08-25 14:12 (29)	0.53		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-16 15:23 (-10)	9.2		0 - 11
		Day 29	2020-07-28 11:36 (33)	9.1		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041144	Monocytes/Leukocytes (%)	Day 57	2020-08-25 14:12 (29)	8.7		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-16 15:23 (-10)	3.16		1.7 - 7.9
		Day 29	2020-07-28 11:36 (33)	3.39		1.7 - 7.9
		Day 57	2020-08-25 14:12 (29)	3.54		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-16 15:23 (-10)	47.6		34 - 71
		Day 29	2020-07-28 11:36 (33)	47.9		34 - 71
		Day 57	2020-08-25 14:12 (29)	57.9		34 - 71
	Platelets (10^9/L)	Screening	2020-06-16 15:23 (-10)	256		163 - 375
		Day 29	2020-07-28 11:36 (33)	210		163 - 375
		Day 57	2020-08-25 14:12 (29)	213		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-16 15:23 (-10)	1.0		0.9 - 1.1
		Day 29	2020-07-28 11:36 (33)	1.0		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2041144	Prothrombin Intl. Normalized Ratio	Day 57	2020-08-25 14:12 (29)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-16 15:23 (-10)	11.5		9.4 - 12.5
		Day 29	2020-07-28 11:36 (33)	11.6		9.4 - 12.5
		Day 57	2020-08-25 14:12 (29)	12.4		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-16 15:23 (-10)	6.43		1.78 - 7.14
		Day 29	2020-07-28 11:36 (33)	8.57 (H)	G1 Blood Urea Nitrogen Increased	1.78 - 7.14
		Day 57	2020-08-25 14:12 (29)	6.78		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-16 15:23 (-10)	22.5		7.8 - 26.7
		Day 29	2020-07-28 11:36 (33)	30.0 (H)		7.8 - 26.7
		Day 57	2020-08-25 14:12 (29)	23.8		7.8 - 26.7
US2051054	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-11 11:51 (-15)	29.4		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051054	Activated Partial Thromboplastin Time (sec)	Day 29	2020-07-24 10:07 (29)	31.7		25.1 - 36.5
		Day 57	2020-08-21 10:03 (29)	28.8		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-11 11:51 (-15)	21		10 - 40
		Day 29	2020-07-24 10:07 (29)	19		10 - 40
		Day 57	2020-08-21 10:03 (29)	21		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-11 11:51 (-15)	67		43 - 115
		Day 29	2020-07-24 10:07 (29)	64		43 - 115
		Day 57	2020-08-21 10:03 (29)	61		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-11 11:51 (-15)	23		10 - 43
		Day 29	2020-07-24 10:07 (29)	15		10 - 43
		Day 57	2020-08-21 10:03 (29)	21		10 - 43
	Basophils (10^9/L)	Screening	2020-06-11 11:51 (-15)	0.05		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051054	Basophils (10^9/L)	Day 29	2020-07-24 10:07 (29)	0.04		0 - 0.3
		Day 57	2020-08-21 10:03 (29)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-11 11:51 (-15)	0.8		0 - 3
		Day 29	2020-07-24 10:07 (29)	0.6		0 - 3
		Day 57	2020-08-21 10:03 (29)	0.7		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-11 11:51 (-15)	11.8		- 18.8
		Day 29	2020-07-24 10:07 (29)	10.1		- 18.8
		Day 57	2020-08-21 10:03 (29)	6.5		- 18.8
	Creatinine (umol/L)	Screening	2020-06-11 11:51 (-15)	80		62 - 124
		Day 29	2020-07-24 10:07 (29)	80		62 - 124
		Day 57	2020-08-21 10:03 (29)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-11 11:51 (-15)	<3.4		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051054	Direct Bilirubin (umol/L)	Day 29	2020-07-24 10:07 (29)	<3.4		0 - 6.8
		Day 57	2020-08-21 10:03 (29)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-11 11:51 (-15)	0.14		0 - 0.8
		Day 29	2020-07-24 10:07 (29)	0.07		0 - 0.8
		Day 57	2020-08-21 10:03 (29)	0.11		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-11 11:51 (-15)	2.3		0 - 7
		Day 29	2020-07-24 10:07 (29)	1.0		0 - 7
		Day 57	2020-08-21 10:03 (29)	2.0		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-11 11:51 (-15)	5.24		4.63 - 6.08
		Day 29	2020-07-24 10:07 (29)	5.00		4.63 - 6.08
		Day 57	2020-08-21 10:03 (29)	4.92		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-11 11:51 (-15)	0.483		0.37 - 0.51

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051054	Hematocrit (L/L)	Day 29	2020-07-24 10:07 (29)	0.475		0.37 - 0.51
		Day 57	2020-08-21 10:03 (29)	0.464		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-11 11:51 (-15)	150		125 - 170
		Day 29	2020-07-24 10:07 (29)	142	G1 Hemoglobin Decreased	125 - 170
		Day 57	2020-08-21 10:03 (29)	140	G1 Hemoglobin Decreased	125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-11 11:51 (-15)	<0.03		0 - 0.07
		Day 29	2020-07-24 10:07 (29)	<0.03		0 - 0.07
		Day 57	2020-08-21 10:03 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-11 11:51 (-15)	0.2		0 - 1
		Day 29	2020-07-24 10:07 (29)	0.1		0 - 1
		Day 57	2020-08-21 10:03 (29)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-11 11:51 (-15)	6.20		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051054	Leukocytes (10^9/L)	Day 29	2020-07-24 10:07 (29)	6.97		3.7 - 11
		Day 57	2020-08-21 10:03 (29)	5.44		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-11 11:51 (-15)	2.04		0.9 - 3.6
		Day 29	2020-07-24 10:07 (29)	1.47		0.9 - 3.6
		Day 57	2020-08-21 10:03 (29)	1.58		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-11 11:51 (-15)	32.9		12 - 46
		Day 29	2020-07-24 10:07 (29)	21.1		12 - 46
		Day 57	2020-08-21 10:03 (29)	29.0		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-11 11:51 (-15)	0.57		0 - 1.2
		Day 29	2020-07-24 10:07 (29)	0.43		0 - 1.2
		Day 57	2020-08-21 10:03 (29)	0.42		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-11 11:51 (-15)	9.2		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051054	Monocytes/Leukocytes (%)	Day 29	2020-07-24 10:07 (29)	6.2		0 - 11
		Day 57	2020-08-21 10:03 (29)	7.7		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-11 11:51 (-15)	3.39		1.7 - 7.9
		Day 29	2020-07-24 10:07 (29)	4.95		1.7 - 7.9
		Day 57	2020-08-21 10:03 (29)	3.28		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-11 11:51 (-15)	54.6		34 - 71
		Day 29	2020-07-24 10:07 (29)	71.0		34 - 71
		Day 57	2020-08-21 10:03 (29)	60.4		34 - 71
	Platelets (10^9/L)	Screening	2020-06-11 11:51 (-15)	270		163 - 375
		Day 29	2020-07-24 10:07 (29)	229		163 - 375
		Day 57	2020-08-21 10:03 (29)	239		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-11 11:51 (-15)	1.1		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051054	Prothrombin Intl. Normalized Ratio	Day 29	2020-07-24 10:07 (29)	1.1		0.9 - 1.1
		Day 57	2020-08-21 10:03 (29)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-11 11:51 (-15)	12.3		9.4 - 12.5
		Day 29	2020-07-24 10:07 (29)	12.8 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
		Day 57	2020-08-21 10:03 (29)	12.0		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-11 11:51 (-15)	5.35		1.78 - 7.14
		Day 29	2020-07-24 10:07 (29)	4.64		1.78 - 7.14
		Day 57	2020-08-21 10:03 (29)	4.64		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-11 11:51 (-15)	16.7		7.8 - 26.7
		Day 29	2020-07-24 10:07 (29)	14.4		7.8 - 26.7
		Day 57	2020-08-21 10:03 (29)	16.2		7.8 - 26.7
US2051064	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-17 10:01 (-14)	24.3 (L)		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051064	Activated Partial Thromboplastin Time (sec)	Day 29	2020-07-29 09:25 (29)	23.7 (L)		25.1 - 36.5
		Day 57	2020-08-27 08:52 (30)	23.9 (L)		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-17 10:01 (-14)	16		10 - 33
		Day 29	2020-07-29 09:25 (29)	13		10 - 33
		Day 57	2020-08-27 08:52 (30)	18		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-17 10:01 (-14)	46		30 - 115
		Day 29	2020-07-29 09:25 (29)	41		30 - 115
		Day 57	2020-08-27 08:52 (30)	46		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-17 10:01 (-14)	22		10 - 36
		Day 29	2020-07-29 09:25 (29)	24		10 - 36
		Day 57	2020-08-27 08:52 (30)	26		10 - 36
	Basophils (10^9/L)	Screening	2020-06-17 10:01 (-14)	0.04		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051064	Basophils (10^9/L)	Day 29	2020-07-29 09:25 (29)	<0.03		0 - 0.3
		Day 57	2020-08-27 08:52 (30)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-17 10:01 (-14)	0.5		0 - 3
		Day 29	2020-07-29 09:25 (29)	0.3		0 - 3
		Day 57	2020-08-27 08:52 (30)	0.6		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-17 10:01 (-14)	5.1		- 18.8
		Day 29	2020-07-29 09:25 (29)	9.1		- 18.8
		Day 57	2020-08-27 08:52 (30)	9.9		- 18.8
	Creatinine (umol/L)	Screening	2020-06-17 10:01 (-14)	80		62 - 124
		Day 29	2020-07-29 09:25 (29)	80		62 - 124
		Day 57	2020-08-27 08:52 (30)	80		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-17 10:01 (-14)	<3.4		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051064	Direct Bilirubin (umol/L)	Day 29	2020-07-29 09:25 (29)	<3.4		0 - 6.8
		Day 57	2020-08-27 08:52 (30)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-17 10:01 (-14)	0.03		0 - 0.8
		Day 29	2020-07-29 09:25 (29)	0.07		0 - 0.8
		Day 57	2020-08-27 08:52 (30)	0.09		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-17 10:01 (-14)	0.4		0 - 7
		Day 29	2020-07-29 09:25 (29)	1.0		0 - 7
		Day 57	2020-08-27 08:52 (30)	1.8		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-17 10:01 (-14)	4.26		3.7 - 5.2
		Day 29	2020-07-29 09:25 (29)	4.12		3.7 - 5.2
		Day 57	2020-08-27 08:52 (30)	3.88		3.7 - 5.2
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-17 10:01 (-14)	88.8 (H)		1.7 - 21.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051064	Hematocrit (L/L)	Screening	2020-06-17 10:01 (-14)	0.435		0.33 - 0.47
		Day 29	2020-07-29 09:25 (29)	0.412		0.33 - 0.47
		Day 57	2020-08-27 08:52 (30)	0.401		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-17 10:01 (-14)	136		110 - 155
		Day 29	2020-07-29 09:25 (29)	134	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-27 08:52 (30)	123	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-17 10:01 (-14)	<0.03		0 - 0.07
		Day 29	2020-07-29 09:25 (29)	<0.03		0 - 0.07
		Day 57	2020-08-27 08:52 (30)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-17 10:01 (-14)	0.2		0 - 1
		Day 29	2020-07-29 09:25 (29)	0.3		0 - 1
		Day 57	2020-08-27 08:52 (30)	0.2		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051064	Leukocytes (10^9/L)	Screening	2020-06-17 10:01 (-14)	8.49		3.7 - 11
		Day 29	2020-07-29 09:25 (29)	7.08		3.7 - 11
		Day 57	2020-08-27 08:52 (30)	5.09		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-17 10:01 (-14)	1.56		0.9 - 3.6
		Day 29	2020-07-29 09:25 (29)	1.88		0.9 - 3.6
		Day 57	2020-08-27 08:52 (30)	1.45		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-17 10:01 (-14)	18.4		12 - 46
		Day 29	2020-07-29 09:25 (29)	26.6		12 - 46
		Day 57	2020-08-27 08:52 (30)	28.5		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-17 10:01 (-14)	0.40		0 - 1.2
		Day 29	2020-07-29 09:25 (29)	0.45		0 - 1.2
		Day 57	2020-08-27 08:52 (30)	0.29		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051064	Monocytes/Leukocytes (%)	Screening	2020-06-17 10:01 (-14)	4.7		0 - 11
		Day 29	2020-07-29 09:25 (29)	6.4		0 - 11
		Day 57	2020-08-27 08:52 (30)	5.7		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-17 10:01 (-14)	6.44		1.7 - 7.9
		Day 29	2020-07-29 09:25 (29)	4.64		1.7 - 7.9
		Day 57	2020-08-27 08:52 (30)	3.22		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-17 10:01 (-14)	75.8 (H)		34 - 71
		Day 29	2020-07-29 09:25 (29)	65.4		34 - 71
		Day 57	2020-08-27 08:52 (30)	63.2		34 - 71
	Platelets (10^9/L)	Screening	2020-06-17 10:01 (-14)	219		163 - 375
		Day 29	2020-07-29 09:25 (29)	205		163 - 375
		Day 57	2020-08-27 08:52 (30)	180		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051064	Prothrombin Intl. Normalized Ratio	Screening	2020-06-17 10:01 (-14)	0.9		0.9 - 1.1
		Day 29	2020-07-29 09:25 (29)	0.9		0.9 - 1.1
		Day 57	2020-08-27 08:52 (30)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-17 10:01 (-14)	10.8		9.4 - 12.5
		Day 29	2020-07-29 09:25 (29)	11.0		9.4 - 12.5
		Day 57	2020-08-27 08:52 (30)	11.0		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-17 10:01 (-14)	5.00		1.78 - 7.14
		Day 29	2020-07-29 09:25 (29)	5.35		1.78 - 7.14
		Day 57	2020-08-27 08:52 (30)	4.64		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-17 10:01 (-14)	15.6		7.8 - 26.7
		Day 29	2020-07-29 09:25 (29)	16.7		7.8 - 26.7
		Day 57	2020-08-27 08:52 (30)	14.4		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051069	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-18 09:23 (-8)	35.2		25.1 - 36.5
		Day 29	2020-07-28 08:26 (33)	34.1		25.1 - 36.5
		Day 57	2020-08-26 08:52 (30)	31.4		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-18 09:23 (-8)	21		10 - 33
		Day 29	2020-07-28 08:26 (33)	19		10 - 33
		Day 57	2020-08-26 08:52 (30)	15		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-18 09:23 (-8)	66		30 - 115
		Day 29	2020-07-28 08:26 (33)	58		30 - 115
		Day 57	2020-08-26 08:52 (30)	53		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-18 09:23 (-8)	26		10 - 36
		Day 29	2020-07-28 08:26 (33)	21		10 - 36
		Day 57	2020-08-26 08:52 (30)	17		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051069	Basophils (10^9/L)	Screening	2020-06-18 09:23 (-8)	0.04		0 - 0.3
		Day 29	2020-07-28 08:26 (33)	0.04		0 - 0.3
		Day 57	2020-08-26 08:52 (30)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-18 09:23 (-8)	0.5		0 - 3
		Day 29	2020-07-28 08:26 (33)	0.8		0 - 3
		Day 57	2020-08-26 08:52 (30)	0.7		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-18 09:23 (-8)	3.6		- 18.8
		Day 29	2020-07-28 08:26 (33)	4.8		- 18.8
		Day 57	2020-08-26 08:52 (30)	6.2		- 18.8
	Creatinine (umol/L)	Screening	2020-06-18 09:23 (-8)	80		62 - 124
		Day 29	2020-07-28 08:26 (33)	71		62 - 124
		Day 57	2020-08-26 08:52 (30)	71		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051069	Direct Bilirubin (umol/L)	Screening	2020-06-18 09:23 (-8)	<3.4		0 - 6.8
		Day 29	2020-07-28 08:26 (33)	<3.4		0 - 6.8
		Day 57	2020-08-26 08:52 (30)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-18 09:23 (-8)	0.17		0 - 0.8
		Day 29	2020-07-28 08:26 (33)	0.18		0 - 0.8
		Day 57	2020-08-26 08:52 (30)	0.25		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-18 09:23 (-8)	2.3		0 - 7
		Day 29	2020-07-28 08:26 (33)	3.8		0 - 7
		Day 57	2020-08-26 08:52 (30)	4.6		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-18 09:23 (-8)	4.41		3.7 - 5.2
		Day 29	2020-07-28 08:26 (33)	4.20		3.7 - 5.2
		Day 57	2020-08-26 08:52 (30)	4.13		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051069	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-18 09:23 (-8)	78.5 (H)		1.7 - 21.5
	Hematocrit (L/L)	Screening	2020-06-18 09:23 (-8)	0.454		0.33 - 0.47
		Day 29	2020-07-28 08:26 (33)	0.426		0.33 - 0.47
		Day 57	2020-08-26 08:52 (30)	0.433		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-18 09:23 (-8)	140		110 - 155
		Day 29	2020-07-28 08:26 (33)	135	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-26 08:52 (30)	131	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-18 09:23 (-8)	<0.03		0 - 0.07
		Day 29	2020-07-28 08:26 (33)	<0.03		0 - 0.07
		Day 57	2020-08-26 08:52 (30)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-18 09:23 (-8)	0.3		0 - 1
		Day 29	2020-07-28 08:26 (33)	0.2		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051069	Immature Granulocytes/Leukocytes (%)	Day 57	2020-08-26 08:52 (30)	0.0		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-18 09:23 (-8)	7.28		3.7 - 11
		Day 29	2020-07-28 08:26 (33)	4.75		3.7 - 11
		Day 57	2020-08-26 08:52 (30)	5.47		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-18 09:23 (-8)	1.63		0.9 - 3.6
		Day 29	2020-07-28 08:26 (33)	1.49		0.9 - 3.6
		Day 57	2020-08-26 08:52 (30)	1.63		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-18 09:23 (-8)	22.4		12 - 46
		Day 29	2020-07-28 08:26 (33)	31.4		12 - 46
		Day 57	2020-08-26 08:52 (30)	29.8		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-18 09:23 (-8)	0.32		0 - 1.2
		Day 29	2020-07-28 08:26 (33)	0.28		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051069	Monocytes (10^9/L)	Day 57	2020-08-26 08:52 (30)	0.32		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-18 09:23 (-8)	4.4		0 - 11
		Day 29	2020-07-28 08:26 (33)	5.9		0 - 11
		Day 57	2020-08-26 08:52 (30)	5.9		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-18 09:23 (-8)	5.10		1.7 - 7.9
		Day 29	2020-07-28 08:26 (33)	2.75		1.7 - 7.9
		Day 57	2020-08-26 08:52 (30)	3.23		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-18 09:23 (-8)	70.1		34 - 71
		Day 29	2020-07-28 08:26 (33)	57.9		34 - 71
		Day 57	2020-08-26 08:52 (30)	59.0		34 - 71
	Platelets (10^9/L)	Screening	2020-06-18 09:23 (-8)	202		163 - 375
		Day 29	2020-07-28 08:26 (33)	184		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051069	Platelets (10^9/L)	Day 57	2020-08-26 08:52 (30)	206		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-18 09:23 (-8)	0.9		0.9 - 1.1
		Day 29	2020-07-28 08:26 (33)	0.9		0.9 - 1.1
		Day 57	2020-08-26 08:52 (30)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-18 09:23 (-8)	11.0		9.4 - 12.5
		Day 29	2020-07-28 08:26 (33)	11.4		9.4 - 12.5
		Day 57	2020-08-26 08:52 (30)	12.3		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-18 09:23 (-8)	6.78		1.78 - 7.14
		Day 29	2020-07-28 08:26 (33)	6.78		1.78 - 7.14
		Day 57	2020-08-26 08:52 (30)	5.71		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-18 09:23 (-8)	21.1		7.8 - 26.7
		Day 29	2020-07-28 08:26 (33)	23.8		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051069	Urea Nitrogen/Creatinine	Day 57	2020-08-26 08:52 (30)	20.0		7.8 - 26.7
US2051070	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-18 09:13 (-13)	29.3		25.1 - 36.5
		Day 29	2020-08-03 08:34 (34)	25.5		25.1 - 36.5
		Day 57	2020-08-28 08:38 (26)	27.1		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-18 09:13 (-13)	25		10 - 40
		Day 29	2020-08-03 08:34 (34)	27		10 - 40
		Day 57	2020-08-28 08:38 (26)	20		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-18 09:13 (-13)	48		43 - 115
		Day 29	2020-08-03 08:34 (34)	45		43 - 115
		Day 57	2020-08-28 08:38 (26)	39 (L)		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-18 09:13 (-13)	25		10 - 43
		Day 29	2020-08-03 08:34 (34)	23		10 - 43

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051070	Aspartate Aminotransferase (U/L)	Day 57	2020-08-28 08:38 (26)	24		10 - 43
	Basophils (10^9/L)	Screening	2020-06-18 09:13 (-13)	<0.03		0 - 0.3
		Day 29	2020-08-03 08:34 (34)	<0.03		0 - 0.3
		Day 57	2020-08-28 08:38 (26)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-18 09:13 (-13)	0.3		0 - 3
		Day 29	2020-08-03 08:34 (34)	0.3		0 - 3
		Day 57	2020-08-28 08:38 (26)	0.3		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-18 09:13 (-13)	5.6		- 18.8
		Day 29	2020-08-03 08:34 (34)	2.7		- 18.8
		Day 57	2020-08-28 08:38 (26)	6.7		- 18.8
	Creatinine (umol/L)	Screening	2020-06-18 09:13 (-13)	71		62 - 124
		Day 29	2020-08-03 08:34 (34)	62		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051070	Creatinine (umol/L)	Day 57	2020-08-28 08:38 (26)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-18 09:13 (-13)	<3.4		0 - 6.8
		Day 29	2020-08-03 08:34 (34)	<3.4		0 - 6.8
		Day 57	2020-08-28 08:38 (26)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-18 09:13 (-13)	0.13		0 - 0.8
		Day 29	2020-08-03 08:34 (34)	0.22		0 - 0.8
		Day 57	2020-08-28 08:38 (26)	0.12		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-18 09:13 (-13)	1.7		0 - 7
		Day 29	2020-08-03 08:34 (34)	3.2		0 - 7
		Day 57	2020-08-28 08:38 (26)	1.8		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-18 09:13 (-13)	5.73		4.63 - 6.08
		Day 29	2020-08-03 08:34 (34)	5.18		4.63 - 6.08

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051070	Erythrocytes (10^12/L)	Day 57	2020-08-28 08:38 (26)	5.48		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-18 09:13 (-13)	0.590 (H)		0.37 - 0.51
		Day 29	2020-08-03 08:34 (34)	0.519 (H)		0.37 - 0.51
		Day 57	2020-08-28 08:38 (26)	0.564 (H)		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-18 09:13 (-13)	183 (H)		125 - 170
		Day 29	2020-08-03 08:34 (34)	164	G2 Hemoglobin Decreased	125 - 170
		Day 57	2020-08-28 08:38 (26)	173 (H)	G1 Hemoglobin Decreased	125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-18 09:13 (-13)	0.04		0 - 0.07
		Day 29	2020-08-03 08:34 (34)	<0.03		0 - 0.07
		Day 57	2020-08-28 08:38 (26)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-18 09:13 (-13)	0.5		0 - 1
		Day 29	2020-08-03 08:34 (34)	0.3		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051070	Immature Granulocytes/Leukocytes (%)	Day 57	2020-08-28 08:38 (26)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-18 09:13 (-13)	7.64		3.7 - 11
		Day 29	2020-08-03 08:34 (34)	6.91		3.7 - 11
		Day 57	2020-08-28 08:38 (26)	6.74		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-18 09:13 (-13)	2.89		0.9 - 3.6
		Day 29	2020-08-03 08:34 (34)	2.68		0.9 - 3.6
		Day 57	2020-08-28 08:38 (26)	2.19		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-18 09:13 (-13)	37.8		12 - 46
		Day 29	2020-08-03 08:34 (34)	38.8		12 - 46
		Day 57	2020-08-28 08:38 (26)	32.5		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-18 09:13 (-13)	0.64		0 - 1.2
		Day 29	2020-08-03 08:34 (34)	0.56		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051070	Monocytes (10^9/L)	Day 57	2020-08-28 08:38 (26)	0.49		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-18 09:13 (-13)	8.4		0 - 11
		Day 29	2020-08-03 08:34 (34)	8.1		0 - 11
		Day 57	2020-08-28 08:38 (26)	7.3		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-18 09:13 (-13)	3.92		1.7 - 7.9
		Day 29	2020-08-03 08:34 (34)	3.41		1.7 - 7.9
		Day 57	2020-08-28 08:38 (26)	3.90		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-18 09:13 (-13)	51.3		34 - 71
		Day 29	2020-08-03 08:34 (34)	49.3		34 - 71
		Day 57	2020-08-28 08:38 (26)	57.8		34 - 71
	Platelets (10^9/L)	Screening	2020-06-18 09:13 (-13)	228		163 - 375
		Day 29	2020-08-03 08:34 (34)	202		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051070	Platelets (10^9/L)	Day 57	2020-08-28 08:38 (26)	190		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-18 09:13 (-13)	1.0		0.9 - 1.1
		Day 29	2020-08-03 08:34 (34)	0.9		0.9 - 1.1
		Day 57	2020-08-28 08:38 (26)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-18 09:13 (-13)	11.3		9.4 - 12.5
		Day 29	2020-08-03 08:34 (34)	10.4		9.4 - 12.5
		Day 57	2020-08-28 08:38 (26)	11.0		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-18 09:13 (-13)	5.00		1.78 - 7.14
		Day 29	2020-08-03 08:34 (34)	5.71		1.78 - 7.14
		Day 57	2020-08-28 08:38 (26)	5.71		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-18 09:13 (-13)	17.5		7.8 - 26.7
		Day 29	2020-08-03 08:34 (34)	22.9		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051070	Urea Nitrogen/Creatinine	Day 57	2020-08-28 08:38 (26)	22.9		7.8 - 26.7
US2051074	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-19 10:29 (-11)	34.8		25.1 - 36.5
		Day 29	2020-07-28 09:30 (29)	31.4		25.1 - 36.5
		Day 57	2020-08-25 09:22 (29)	31.2		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-19 10:29 (-11)	13		10 - 40
		Day 29	2020-07-28 09:30 (29)	9 (L)		10 - 40
		Day 57	2020-08-25 09:22 (29)	14		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-19 10:29 (-11)	53		43 - 115
		Day 29	2020-07-28 09:30 (29)	47		43 - 115
		Day 57	2020-08-25 09:22 (29)	49		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-19 10:29 (-11)	14		10 - 43
		Day 29	2020-07-28 09:30 (29)	16		10 - 43

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051074	Aspartate Aminotransferase (U/L)	Day 57	2020-08-25 09:22 (29)	14		10 - 43
	Basophils (10^9/L)	Screening	2020-06-19 10:29 (-11)	0.03		0 - 0.3
		Day 29	2020-07-28 09:30 (29)	0.03		0 - 0.3
		Day 57	2020-08-25 09:22 (29)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-19 10:29 (-11)	0.4		0 - 3
		Day 29	2020-07-28 09:30 (29)	0.4		0 - 3
		Day 57	2020-08-25 09:22 (29)	0.4		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-19 10:29 (-11)	6.2		- 18.8
		Day 29	2020-07-28 09:30 (29)	5.8		- 18.8
		Day 57	2020-08-25 09:22 (29)	7.4		- 18.8
	Creatinine (umol/L)	Screening	2020-06-19 10:29 (-11)	71		62 - 124
		Day 29	2020-07-28 09:30 (29)	53 (L)		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051074	Creatinine (umol/L)	Day 57	2020-08-25 09:22 (29)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-19 10:29 (-11)	<3.4		0 - 6.8
		Day 29	2020-07-28 09:30 (29)	<3.4		0 - 6.8
		Day 57	2020-08-25 09:22 (29)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-19 10:29 (-11)	0.17		0 - 0.8
		Day 29	2020-07-28 09:30 (29)	0.16		0 - 0.8
		Day 57	2020-08-25 09:22 (29)	0.20		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-19 10:29 (-11)	2.4		0 - 7
		Day 29	2020-07-28 09:30 (29)	2.3		0 - 7
		Day 57	2020-08-25 09:22 (29)	2.7		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-19 10:29 (-11)	5.16		4.63 - 6.08
		Day 29	2020-07-28 09:30 (29)	4.67		4.63 - 6.08

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051074	Erythrocytes (10^12/L)	Day 57	2020-08-25 09:22 (29)	4.98		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-19 10:29 (-11)	0.490		0.37 - 0.51
		Day 29	2020-07-28 09:30 (29)	0.453		0.37 - 0.51
		Day 57	2020-08-25 09:22 (29)	0.500		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-19 10:29 (-11)	157		125 - 170
		Day 29	2020-07-28 09:30 (29)	142	G1 Hemoglobin Decreased	125 - 170
		Day 57	2020-08-25 09:22 (29)	150	G1 Hemoglobin Decreased	125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-19 10:29 (-11)	0.09 (H)		0 - 0.07
		Day 29	2020-07-28 09:30 (29)	0.07		0 - 0.07
		Day 57	2020-08-25 09:22 (29)	0.08 (H)		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-19 10:29 (-11)	1.3 (H)		0 - 1
		Day 29	2020-07-28 09:30 (29)	1.0		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051074	Immature Granulocytes/Leukocytes (%)	Day 57	2020-08-25 09:22 (29)	1.1 (H)		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-19 10:29 (-11)	7.06		3.7 - 11
		Day 29	2020-07-28 09:30 (29)	6.92		3.7 - 11
		Day 57	2020-08-25 09:22 (29)	7.30		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-19 10:29 (-11)	1.17		0.9 - 3.6
		Day 29	2020-07-28 09:30 (29)	1.25		0.9 - 3.6
		Day 57	2020-08-25 09:22 (29)	1.44		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-19 10:29 (-11)	16.6		12 - 46
		Day 29	2020-07-28 09:30 (29)	18.1		12 - 46
		Day 57	2020-08-25 09:22 (29)	19.7		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-19 10:29 (-11)	0.56		0 - 1.2
		Day 29	2020-07-28 09:30 (29)	0.55		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051074	Monocytes (10^9/L)	Day 57	2020-08-25 09:22 (29)	0.59		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-19 10:29 (-11)	7.9		0 - 11
		Day 29	2020-07-28 09:30 (29)	7.9		0 - 11
		Day 57	2020-08-25 09:22 (29)	8.1		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-19 10:29 (-11)	5.04		1.7 - 7.9
		Day 29	2020-07-28 09:30 (29)	4.86		1.7 - 7.9
		Day 57	2020-08-25 09:22 (29)	4.96		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-19 10:29 (-11)	71.4 (H)		34 - 71
		Day 29	2020-07-28 09:30 (29)	70.3		34 - 71
		Day 57	2020-08-25 09:22 (29)	68.0		34 - 71
	Platelets (10^9/L)	Screening	2020-06-19 10:29 (-11)	332		163 - 375
		Day 29	2020-07-28 09:30 (29)	252		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051074	Platelets (10^9/L)	Day 57	2020-08-25 09:22 (29)	252		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-19 10:29 (-11)	1.1		0.9 - 1.1
		Day 29	2020-07-28 09:30 (29)	1.0		0.9 - 1.1
		Day 57	2020-08-25 09:22 (29)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-19 10:29 (-11)	12.3		9.4 - 12.5
		Day 29	2020-07-28 09:30 (29)	11.5		9.4 - 12.5
		Day 57	2020-08-25 09:22 (29)	12.1		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-19 10:29 (-11)	6.43		1.78 - 7.14
		Day 29	2020-07-28 09:30 (29)	5.71		1.78 - 7.14
		Day 57	2020-08-25 09:22 (29)	5.71		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-19 10:29 (-11)	22.5		7.8 - 26.7
		Day 29	2020-07-28 09:30 (29)	26.7		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051074	Urea Nitrogen/Creatinine	Day 57	2020-08-25 09:22 (29)	26.7		7.8 - 26.7
US2051077	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-22 09:09 (-8)	31.3		25.1 - 36.5
		Day 29	2020-07-29 13:30 (30)	26.7		25.1 - 36.5
		Day 57	2020-08-25 08:43 (28)	27.1		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-22 09:09 (-8)	13		10 - 33
		Day 29	2020-07-29 13:30 (30)	12		10 - 33
		Day 57	2020-08-25 08:43 (28)	14		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-22 09:09 (-8)	54		30 - 115
		Day 29	2020-07-29 13:30 (30)	55		30 - 115
		Day 57	2020-08-25 08:43 (28)	60		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-22 09:09 (-8)	21		10 - 36
		Day 29	2020-07-29 13:30 (30)	23		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051077	Aspartate Aminotransferase (U/L)	Day 57	2020-08-25 08:43 (28)	21		10 - 36
	Basophils (10^9/L)	Screening	2020-06-22 09:09 (-8)	0.03		0 - 0.3
		Day 29	2020-07-29 13:30 (30)	0.03		0 - 0.3
		Day 57	2020-08-25 08:43 (28)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-22 09:09 (-8)	0.6		0 - 3
		Day 29	2020-07-29 13:30 (30)	0.4		0 - 3
		Day 57	2020-08-25 08:43 (28)	0.6		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-22 09:09 (-8)	4.3		- 18.8
		Day 29	2020-07-29 13:30 (30)	5.8		- 18.8
		Day 57	2020-08-25 08:43 (28)	6.7		- 18.8
	Creatinine (umol/L)	Screening	2020-06-22 09:09 (-8)	62		62 - 124
		Day 29	2020-07-29 13:30 (30)	88		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051077	Creatinine (umol/L)	Day 57	2020-08-25 08:43 (28)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-22 09:09 (-8)	<3.4		0 - 6.8
		Day 29	2020-07-29 13:30 (30)	<3.4		0 - 6.8
		Day 57	2020-08-25 08:43 (28)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-22 09:09 (-8)	0.18		0 - 0.8
		Day 29	2020-07-29 13:30 (30)	0.09		0 - 0.8
		Day 57	2020-08-25 08:43 (28)	0.23		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-22 09:09 (-8)	3.6		0 - 7
		Day 29	2020-07-29 13:30 (30)	1.1		0 - 7
		Day 57	2020-08-25 08:43 (28)	4.2		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-22 09:09 (-8)	4.35		3.7 - 5.2
		Day 29	2020-07-29 13:30 (30)	4.14		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051077	Erythrocytes (10^12/L)	Day 57	2020-08-25 08:43 (28)	4.19		3.7 - 5.2
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-22 09:09 (-8)	122.2 (H)		1.7 - 21.5
	Hematocrit (L/L)	Screening	2020-06-22 09:09 (-8)	0.439		0.33 - 0.47
		Day 29	2020-07-29 13:30 (30)	0.412		0.33 - 0.47
		Day 57	2020-08-25 08:43 (28)	0.445		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-22 09:09 (-8)	138		110 - 155
		Day 29	2020-07-29 13:30 (30)	132	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-25 08:43 (28)	133	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-22 09:09 (-8)	<0.03		0 - 0.07
		Day 29	2020-07-29 13:30 (30)	<0.03		0 - 0.07
		Day 57	2020-08-25 08:43 (28)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-22 09:09 (-8)	0.2		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051077	Immature Granulocytes/Leukocytes (%)	Day 29	2020-07-29 13:30 (30)	0.2		0 - 1
		Day 57	2020-08-25 08:43 (28)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-22 09:09 (-8)	4.98		3.7 - 11
		Day 29	2020-07-29 13:30 (30)	8.31		3.7 - 11
		Day 57	2020-08-25 08:43 (28)	5.42		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-22 09:09 (-8)	2.05		0.9 - 3.6
		Day 29	2020-07-29 13:30 (30)	1.83		0.9 - 3.6
		Day 57	2020-08-25 08:43 (28)	2.28		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-22 09:09 (-8)	41.2		12 - 46
		Day 29	2020-07-29 13:30 (30)	22.0		12 - 46
		Day 57	2020-08-25 08:43 (28)	42.1		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-22 09:09 (-8)	0.35		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051077	Monocytes (10^9/L)	Day 29	2020-07-29 13:30 (30)	0.47		0 - 1.2
		Day 57	2020-08-25 08:43 (28)	0.39		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-22 09:09 (-8)	7.0		0 - 11
		Day 29	2020-07-29 13:30 (30)	5.7		0 - 11
		Day 57	2020-08-25 08:43 (28)	7.2		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-22 09:09 (-8)	2.36		1.7 - 7.9
		Day 29	2020-07-29 13:30 (30)	5.87		1.7 - 7.9
		Day 57	2020-08-25 08:43 (28)	2.48		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-22 09:09 (-8)	47.4		34 - 71
		Day 29	2020-07-29 13:30 (30)	70.6		34 - 71
		Day 57	2020-08-25 08:43 (28)	45.7		34 - 71
	Platelets (10^9/L)	Screening	2020-06-22 09:09 (-8)	225		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051077	Platelets (10^9/L)	Day 29	2020-07-29 13:30 (30)	211		163 - 375
		Day 57	2020-08-25 08:43 (28)	216		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-22 09:09 (-8)	0.9		0.9 - 1.1
		Day 29	2020-07-29 13:30 (30)	1.0		0.9 - 1.1
		Day 57	2020-08-25 08:43 (28)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-22 09:09 (-8)	10.5		9.4 - 12.5
		Day 29	2020-07-29 13:30 (30)	11.8		9.4 - 12.5
		Day 57	2020-08-25 08:43 (28)	11.2		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-22 09:09 (-8)	5.71		1.78 - 7.14
		Day 29	2020-07-29 13:30 (30)	6.43		1.78 - 7.14
		Day 57	2020-08-25 08:43 (28)	5.35		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-22 09:09 (-8)	22.9		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051077	Urea Nitrogen/Creatinine	Day 29	2020-07-29 13:30 (30)	18.0		7.8 - 26.7
		Day 57	2020-08-25 08:43 (28)	21.4		7.8 - 26.7
US2051084	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-23 15:27 (-8)	32.8		25.1 - 36.5
		Day 29	2020-07-29 14:38 (29)	27.1		25.1 - 36.5
		Day 57	2020-09-02 14:19 (36)	28.5		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-23 15:27 (-8)	15		10 - 33
		Day 29	2020-07-29 14:38 (29)	12		10 - 33
		Day 57	2020-09-02 14:19 (36)	17		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-23 15:27 (-8)	67		30 - 115
		Day 29	2020-07-29 14:38 (29)	65		30 - 115
		Day 57	2020-09-02 14:19 (36)	66		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-23 15:27 (-8)	20		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051084	Aspartate Aminotransferase (U/L)	Day 29	2020-07-29 14:38 (29)	15		10 - 36
		Day 57	2020-09-02 14:19 (36)	14		10 - 36
	Basophils (10^9/L)	Screening	2020-06-23 15:27 (-8)	0.04		0 - 0.3
		Day 29	2020-07-29 14:38 (29)	0.03		0 - 0.3
		Day 57	2020-09-02 14:19 (36)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-23 15:27 (-8)	0.7		0 - 3
		Day 29	2020-07-29 14:38 (29)	0.5		0 - 3
		Day 57	2020-09-02 14:19 (36)	0.5		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-23 15:27 (-8)	6.7		- 18.8
		Day 29	2020-07-29 14:38 (29)	5.3		- 18.8
		Day 57	2020-09-02 14:19 (36)	4.1		- 18.8
	Creatinine (umol/L)	Screening	2020-06-23 15:27 (-8)	53 (L)		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051084	Creatinine (umol/L)	Day 29	2020-07-29 14:38 (29)	80		62 - 124
		Day 57	2020-09-02 14:19 (36)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-23 15:27 (-8)	<3.4		0 - 6.8
		Day 29	2020-07-29 14:38 (29)	<3.4		0 - 6.8
		Day 57	2020-09-02 14:19 (36)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-23 15:27 (-8)	0.11		0 - 0.8
		Day 29	2020-07-29 14:38 (29)	0.17		0 - 0.8
		Day 57	2020-09-02 14:19 (36)	0.14		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-23 15:27 (-8)	2.0		0 - 7
		Day 29	2020-07-29 14:38 (29)	2.9		0 - 7
		Day 57	2020-09-02 14:19 (36)	2.4		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-23 15:27 (-8)	4.47		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051084	Erythrocytes (10^12/L)	Day 29	2020-07-29 14:38 (29)	4.39		3.7 - 5.2
		Day 57	2020-09-02 14:19 (36)	4.45		3.7 - 5.2
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-23 15:27 (-8)	79.7 (H)		1.7 - 21.5
	Hematocrit (L/L)	Screening	2020-06-23 15:27 (-8)	0.414		0.33 - 0.47
		Day 29	2020-07-29 14:38 (29)	0.409		0.33 - 0.47
		Day 57	2020-09-02 14:19 (36)	0.415		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-23 15:27 (-8)	130		110 - 155
		Day 29	2020-07-29 14:38 (29)	127	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-09-02 14:19 (36)	127	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-23 15:27 (-8)	<0.03		0 - 0.07
		Day 29	2020-07-29 14:38 (29)	<0.03		0 - 0.07
		Day 57	2020-09-02 14:19 (36)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051084	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-23 15:27 (-8)	0.0		0 - 1
		Day 29	2020-07-29 14:38 (29)	0.2		0 - 1
		Day 57	2020-09-02 14:19 (36)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-23 15:27 (-8)	5.40		3.7 - 11
		Day 29	2020-07-29 14:38 (29)	5.91		3.7 - 11
		Day 57	2020-09-02 14:19 (36)	5.94		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-23 15:27 (-8)	2.46		0.9 - 3.6
		Day 29	2020-07-29 14:38 (29)	2.64		0.9 - 3.6
		Day 57	2020-09-02 14:19 (36)	2.52		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-23 15:27 (-8)	45.6		12 - 46
		Day 29	2020-07-29 14:38 (29)	44.7		12 - 46
		Day 57	2020-09-02 14:19 (36)	42.4		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051084	Monocytes (10^9/L)	Screening	2020-06-23 15:27 (-8)	0.25		0 - 1.2
		Day 29	2020-07-29 14:38 (29)	0.27		0 - 1.2
		Day 57	2020-09-02 14:19 (36)	0.28		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-23 15:27 (-8)	4.6		0 - 11
		Day 29	2020-07-29 14:38 (29)	4.6		0 - 11
		Day 57	2020-09-02 14:19 (36)	4.7		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-23 15:27 (-8)	2.54		1.7 - 7.9
		Day 29	2020-07-29 14:38 (29)	2.79		1.7 - 7.9
		Day 57	2020-09-02 14:19 (36)	2.96		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-23 15:27 (-8)	47.1		34 - 71
		Day 29	2020-07-29 14:38 (29)	47.1		34 - 71
		Day 57	2020-09-02 14:19 (36)	49.8		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051084	Platelets (10^9/L)	Screening	2020-06-23 15:27 (-8)	303		163 - 375
		Day 29	2020-07-29 14:38 (29)	273		163 - 375
		Day 57	2020-09-02 14:19 (36)	259		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-23 15:27 (-8)	0.9		0.9 - 1.1
		Day 29	2020-07-29 14:38 (29)	1.0		0.9 - 1.1
		Day 57	2020-09-02 14:19 (36)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-23 15:27 (-8)	10.9		9.4 - 12.5
		Day 29	2020-07-29 14:38 (29)	11.6		9.4 - 12.5
		Day 57	2020-09-02 14:19 (36)	11.3		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-23 15:27 (-8)	3.93		1.78 - 7.14
		Day 29	2020-07-29 14:38 (29)	5.35		1.78 - 7.14
		Day 57	2020-09-02 14:19 (36)	5.35		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051084	Urea Nitrogen/Creatinine	Screening	2020-06-23 15:27 (-8)	18.3		7.8 - 26.7
		Day 29	2020-07-29 14:38 (29)	16.7		7.8 - 26.7
		Day 57	2020-09-02 14:19 (36)	25.0		7.8 - 26.7
US2051085	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-24 13:45 (-8)	33.9		25.1 - 36.5
		Day 29	2020-07-30 09:44 (29)	31.7		25.1 - 36.5
		Day 57	2020-09-01 09:26 (34)	33.6		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-24 13:45 (-8)	20		10 - 33
		Day 29	2020-07-30 09:44 (29)	18		10 - 33
		Day 57	2020-09-01 09:26 (34)	21		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-24 13:45 (-8)	93		30 - 115
		Day 29	2020-07-30 09:44 (29)	94		30 - 115
		Day 57	2020-09-01 09:26 (34)	99		30 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051085	Aspartate Aminotransferase (U/L)	Screening	2020-06-24 13:45 (-8)	23		10 - 36
		Day 29	2020-07-30 09:44 (29)	23		10 - 36
		Day 57	2020-09-01 09:26 (34)	24		10 - 36
	Basophils (10^9/L)	Screening	2020-06-24 13:45 (-8)	0.05		0 - 0.3
		Day 29	2020-07-30 09:44 (29)	0.04		0 - 0.3
		Day 57	2020-09-01 09:26 (34)	0.05		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-24 13:45 (-8)	1.1		0 - 3
		Day 29	2020-07-30 09:44 (29)	1.0		0 - 3
		Day 57	2020-09-01 09:26 (34)	1.1		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-24 13:45 (-8)	5.6		- 18.8
		Day 29	2020-07-30 09:44 (29)	5.0		- 18.8
		Day 57	2020-09-01 09:26 (34)	7.0		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051085	Creatinine (umol/L)	Screening	2020-06-24 13:45 (-8)	53 (L)		62 - 124
		Day 29	2020-07-30 09:44 (29)	71		62 - 124
		Day 57	2020-09-01 09:26 (34)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-24 13:45 (-8)	<3.4		0 - 6.8
		Day 29	2020-07-30 09:44 (29)	<3.4		0 - 6.8
		Day 57	2020-09-01 09:26 (34)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-24 13:45 (-8)	0.14		0 - 0.8
		Day 29	2020-07-30 09:44 (29)	0.16		0 - 0.8
		Day 57	2020-09-01 09:26 (34)	0.19		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-24 13:45 (-8)	3.0		0 - 7
		Day 29	2020-07-30 09:44 (29)	4.2		0 - 7
		Day 57	2020-09-01 09:26 (34)	4.1		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051085	Erythrocytes (10^12/L)	Screening	2020-06-24 13:45 (-8)	4.54		3.7 - 5.2
		Day 29	2020-07-30 09:44 (29)	4.63		3.7 - 5.2
		Day 57	2020-09-01 09:26 (34)	4.37		3.7 - 5.2
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-24 13:45 (-8)	126.7 (H)		1.7 - 21.5
	Hematocrit (L/L)	Screening	2020-06-24 13:45 (-8)	0.449		0.33 - 0.47
		Day 29	2020-07-30 09:44 (29)	0.457		0.33 - 0.47
		Day 57	2020-09-01 09:26 (34)	0.435		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-24 13:45 (-8)	137		110 - 155
		Day 29	2020-07-30 09:44 (29)	136	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-09-01 09:26 (34)	129	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-24 13:45 (-8)	<0.03		0 - 0.07
		Day 29	2020-07-30 09:44 (29)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051085	Immature Granulocytes (10^9/L)	Day 57	2020-09-01 09:26 (34)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-24 13:45 (-8)	0.2		0 - 1
		Day 29	2020-07-30 09:44 (29)	0.3		0 - 1
		Day 57	2020-09-01 09:26 (34)	0.0		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-24 13:45 (-8)	4.62		3.7 - 11
		Day 29	2020-07-30 09:44 (29)	3.84		3.7 - 11
		Day 57	2020-09-01 09:26 (34)	4.69		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-24 13:45 (-8)	1.34		0.9 - 3.6
		Day 29	2020-07-30 09:44 (29)	1.23		0.9 - 3.6
		Day 57	2020-09-01 09:26 (34)	1.22		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-24 13:45 (-8)	29.0		12 - 46
		Day 29	2020-07-30 09:44 (29)	32.0		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051085	Lymphocytes/Leukocytes (%)	Day 57	2020-09-01 09:26 (34)	26.0		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-24 13:45 (-8)	0.39		0 - 1.2
		Day 29	2020-07-30 09:44 (29)	0.38		0 - 1.2
		Day 57	2020-09-01 09:26 (34)	0.37		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-24 13:45 (-8)	8.4		0 - 11
		Day 29	2020-07-30 09:44 (29)	9.9		0 - 11
		Day 57	2020-09-01 09:26 (34)	7.9		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-24 13:45 (-8)	2.69		1.7 - 7.9
		Day 29	2020-07-30 09:44 (29)	2.02		1.7 - 7.9
		Day 57	2020-09-01 09:26 (34)	2.86		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-24 13:45 (-8)	58.3		34 - 71
		Day 29	2020-07-30 09:44 (29)	52.6		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051085	Neutrophils/Leukocytes (%)	Day 57	2020-09-01 09:26 (34)	60.9		34 - 71
	Platelets (10^9/L)	Screening	2020-06-24 13:45 (-8)	257		163 - 375
		Day 29	2020-07-30 09:44 (29)	229		163 - 375
		Day 57	2020-09-01 09:26 (34)	241		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-24 13:45 (-8)	0.9		0.9 - 1.1
		Day 29	2020-07-30 09:44 (29)	0.9		0.9 - 1.1
		Day 57	2020-09-01 09:26 (34)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-24 13:45 (-8)	10.7		9.4 - 12.5
		Day 29	2020-07-30 09:44 (29)	11.3		9.4 - 12.5
		Day 57	2020-09-01 09:26 (34)	11.2		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-24 13:45 (-8)	4.64		1.78 - 7.14
		Day 29	2020-07-30 09:44 (29)	6.43		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051085	Urea Nitrogen (mmol/L)	Day 57	2020-09-01 09:26 (34)	3.93		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-24 13:45 (-8)	21.7		7.8 - 26.7
		Day 29	2020-07-30 09:44 (29)	22.5		7.8 - 26.7
		Day 57	2020-09-01 09:26 (34)	18.3		7.8 - 26.7
US2051088	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-25 10:13 (-5)	35.7		25.1 - 36.5
		Day 29	2020-07-28 09:32 (29)	32.2		25.1 - 36.5
		Day 57	2020-08-25 09:10 (29)	35.3		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-25 10:13 (-5)	22		10 - 40
		Day 29	2020-07-28 09:32 (29)	22		10 - 40
		Day 57	2020-08-25 09:10 (29)	24		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-25 10:13 (-5)	36 (L)		43 - 115
		Day 29	2020-07-28 09:32 (29)	38 (L)		43 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051088	Alkaline Phosphatase (U/L)	Day 57	2020-08-25 09:10 (29)	37 (L)		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-25 10:13 (-5)	26		10 - 43
		Day 29	2020-07-28 09:32 (29)	20		10 - 43
		Day 57	2020-08-25 09:10 (29)	21		10 - 43
	Basophils (10^9/L)	Screening	2020-06-25 10:13 (-5)	<0.03		0 - 0.3
		Day 29	2020-07-28 09:32 (29)	<0.03		0 - 0.3
		Day 57	2020-08-25 09:10 (29)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-25 10:13 (-5)	0.3		0 - 3
		Day 29	2020-07-28 09:32 (29)	0.3		0 - 3
		Day 57	2020-08-25 09:10 (29)	0.5		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-25 10:13 (-5)	8.7		- 18.8
		Day 29	2020-07-28 09:32 (29)	6.2		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051088	Bilirubin (umol/L)	Day 57	2020-08-25 09:10 (29)	6.5		- 18.8
	Creatinine (umol/L)	Screening	2020-06-25 10:13 (-5)	53 (L)		62 - 124
		Day 29	2020-07-28 09:32 (29)	53 (L)		62 - 124
		Day 57	2020-08-25 09:10 (29)	44 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-25 10:13 (-5)	<3.4		0 - 6.8
		Day 29	2020-07-28 09:32 (29)	<3.4		0 - 6.8
		Day 57	2020-08-25 09:10 (29)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-25 10:13 (-5)	0.08		0 - 0.8
		Day 29	2020-07-28 09:32 (29)	0.10		0 - 0.8
		Day 57	2020-08-25 09:10 (29)	0.10		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-25 10:13 (-5)	1.1		0 - 7
		Day 29	2020-07-28 09:32 (29)	1.5		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051088	Eosinophils/Leukocytes (%)	Day 57	2020-08-25 09:10 (29)	1.5		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-25 10:13 (-5)	5.10		4.63 - 6.08
		Day 29	2020-07-28 09:32 (29)	5.02		4.63 - 6.08
		Day 57	2020-08-25 09:10 (29)	5.01		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-25 10:13 (-5)	0.515 (H)		0.37 - 0.51
		Day 29	2020-07-28 09:32 (29)	0.497		0.37 - 0.51
		Day 57	2020-08-25 09:10 (29)	0.524 (H)		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-25 10:13 (-5)	163		125 - 170
		Day 29	2020-07-28 09:32 (29)	158	G1 Hemoglobin Decreased	125 - 170
		Day 57	2020-08-25 09:10 (29)	158	G1 Hemoglobin Decreased	125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-25 10:13 (-5)	<0.03		0 - 0.07
		Day 29	2020-07-28 09:32 (29)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051088	Immature Granulocytes (10^9/L)	Day 57	2020-08-25 09:10 (29)	0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-25 10:13 (-5)	0.1		0 - 1
		Day 29	2020-07-28 09:32 (29)	0.3		0 - 1
		Day 57	2020-08-25 09:10 (29)	0.5		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-25 10:13 (-5)	7.56		3.7 - 11
		Day 29	2020-07-28 09:32 (29)	6.48		3.7 - 11
		Day 57	2020-08-25 09:10 (29)	6.55		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-25 10:13 (-5)	1.69		0.9 - 3.6
		Day 29	2020-07-28 09:32 (29)	1.73		0.9 - 3.6
		Day 57	2020-08-25 09:10 (29)	1.56		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-25 10:13 (-5)	22.4		12 - 46
		Day 29	2020-07-28 09:32 (29)	26.7		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051088	Lymphocytes/Leukocytes (%)	Day 57	2020-08-25 09:10 (29)	23.8		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-25 10:13 (-5)	0.70		0 - 1.2
		Day 29	2020-07-28 09:32 (29)	0.70		0 - 1.2
		Day 57	2020-08-25 09:10 (29)	0.72		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-25 10:13 (-5)	9.3		0 - 11
		Day 29	2020-07-28 09:32 (29)	10.8		0 - 11
		Day 57	2020-08-25 09:10 (29)	11.0		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-25 10:13 (-5)	5.06		1.7 - 7.9
		Day 29	2020-07-28 09:32 (29)	3.91		1.7 - 7.9
		Day 57	2020-08-25 09:10 (29)	4.11		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-25 10:13 (-5)	66.8		34 - 71
		Day 29	2020-07-28 09:32 (29)	60.4		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051088	Neutrophils/Leukocytes (%)	Day 57	2020-08-25 09:10 (29)	62.7		34 - 71
	Platelets (10^9/L)	Screening	2020-06-25 10:13 (-5)	213		163 - 375
		Day 29	2020-07-28 09:32 (29)	191		163 - 375
		Day 57	2020-08-25 09:10 (29)	211		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-25 10:13 (-5)	1.0		0.9 - 1.1
		Day 29	2020-07-28 09:32 (29)	1.0		0.9 - 1.1
		Day 57	2020-08-25 09:10 (29)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-25 10:13 (-5)	11.7		9.4 - 12.5
		Day 29	2020-07-28 09:32 (29)	11.8		9.4 - 12.5
		Day 57	2020-08-25 09:10 (29)	12.2		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-25 10:13 (-5)	5.35		1.78 - 7.14
		Day 29	2020-07-28 09:32 (29)	6.78		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051088	Urea Nitrogen (mmol/L)	Day 57	2020-08-25 09:10 (29)	6.07		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-25 10:13 (-5)	25.0		7.8 - 26.7
		Day 29	2020-07-28 09:32 (29)	31.7 (H)		7.8 - 26.7
		Day 57	2020-08-25 09:10 (29)	34.0 (H)		7.8 - 26.7
US2051097	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-29 14:53 (-7)	35.4		25.1 - 36.5
		Day 29	2020-08-03 09:37 (29)	35.0		25.1 - 36.5
		Day 57	2020-08-31 09:17 (29)	33.0		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-29 14:53 (-7)	22		10 - 33
		Day 29	2020-08-03 09:37 (29)	23		10 - 33
		Day 57	2020-08-31 09:17 (29)	27		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-29 14:53 (-7)	99		30 - 115
		Day 29	2020-08-03 09:37 (29)	89		30 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051097	Alkaline Phosphatase (U/L)	Day 57	2020-08-31 09:17 (29)	88		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-29 14:53 (-7)	22		10 - 36
		Day 29	2020-08-03 09:37 (29)	21		10 - 36
		Day 57	2020-08-31 09:17 (29)	22		10 - 36
	Basophils (10^9/L)	Screening	2020-06-29 14:53 (-7)	0.03		0 - 0.3
		Day 29	2020-08-03 09:37 (29)	0.03		0 - 0.3
		Day 57	2020-08-31 09:17 (29)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-29 14:53 (-7)	0.4		0 - 3
		Day 29	2020-08-03 09:37 (29)	0.5		0 - 3
		Day 57	2020-08-31 09:17 (29)	0.1		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-29 14:53 (-7)	9.2		- 18.8
		Day 29	2020-08-03 09:37 (29)	6.5		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051097	Bilirubin (umol/L)	Day 57	2020-08-31 09:17 (29)	9.7		- 18.8
	Creatinine (umol/L)	Screening	2020-06-29 14:53 (-7)	44 (L)		62 - 124
		Day 29	2020-08-03 09:37 (29)	44 (L)		62 - 124
		Day 57	2020-08-31 09:17 (29)	44 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-29 14:53 (-7)	<3.4		0 - 6.8
		Day 29	2020-08-03 09:37 (29)	<3.4		0 - 6.8
		Day 57	2020-08-31 09:17 (29)	3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-29 14:53 (-7)	0.17		0 - 0.8
		Day 29	2020-08-03 09:37 (29)	0.14		0 - 0.8
		Day 57	2020-08-31 09:17 (29)	0.13		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-29 14:53 (-7)	2.1		0 - 7
		Day 29	2020-08-03 09:37 (29)	2.2		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051097	Eosinophils/Leukocytes (%)	Day 57	2020-08-31 09:17 (29)	1.6		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-29 14:53 (-7)	5.08		3.7 - 5.2
		Day 29	2020-08-03 09:37 (29)	4.75		3.7 - 5.2
		Day 57	2020-08-31 09:17 (29)	4.66		3.7 - 5.2
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-29 14:53 (-7)	54.2 (H)		1.7 - 21.5
	Hematocrit (L/L)	Screening	2020-06-29 14:53 (-7)	0.506 (H)		0.33 - 0.47
		Day 29	2020-08-03 09:37 (29)	0.472 (H)		0.33 - 0.47
		Day 57	2020-08-31 09:17 (29)	0.465		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-29 14:53 (-7)	159 (H)		110 - 155
		Day 29	2020-08-03 09:37 (29)	148	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-31 09:17 (29)	146	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-29 14:53 (-7)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051097	Immature Granulocytes (10^9/L)	Day 29	2020-08-03 09:37 (29)	<0.03		0 - 0.07
		Day 57	2020-08-31 09:17 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-29 14:53 (-7)	0.1		0 - 1
		Day 29	2020-08-03 09:37 (29)	0.2		0 - 1
		Day 57	2020-08-31 09:17 (29)	0.1		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-29 14:53 (-7)	8.07		3.7 - 11
		Day 29	2020-08-03 09:37 (29)	6.26		3.7 - 11
		Day 57	2020-08-31 09:17 (29)	7.91		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-29 14:53 (-7)	2.51		0.9 - 3.6
		Day 29	2020-08-03 09:37 (29)	2.34		0.9 - 3.6
		Day 57	2020-08-31 09:17 (29)	2.14		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-29 14:53 (-7)	31.1		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051097	Lymphocytes/Leukocytes (%)	Day 29	2020-08-03 09:37 (29)	37.4		12 - 46
		Day 57	2020-08-31 09:17 (29)	27.1		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-29 14:53 (-7)	0.72		0 - 1.2
		Day 29	2020-08-03 09:37 (29)	0.52		0 - 1.2
		Day 57	2020-08-31 09:17 (29)	0.62		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-29 14:53 (-7)	8.9		0 - 11
		Day 29	2020-08-03 09:37 (29)	8.3		0 - 11
		Day 57	2020-08-31 09:17 (29)	7.8		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-29 14:53 (-7)	4.63		1.7 - 7.9
		Day 29	2020-08-03 09:37 (29)	3.22		1.7 - 7.9
		Day 57	2020-08-31 09:17 (29)	5.00		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-29 14:53 (-7)	57.4		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051097	Neutrophils/Leukocytes (%)	Day 29	2020-08-03 09:37 (29)	51.4		34 - 71
		Day 57	2020-08-31 09:17 (29)	63.3		34 - 71
	Platelets (10^9/L)	Screening	2020-06-29 14:53 (-7)	259		163 - 375
		Day 29	2020-08-03 09:37 (29)	264		163 - 375
		Day 57	2020-08-31 09:17 (29)	269		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-29 14:53 (-7)	0.9		0.9 - 1.1
		Day 29	2020-08-03 09:37 (29)	1.0		0.9 - 1.1
		Day 57	2020-08-31 09:17 (29)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-29 14:53 (-7)	10.7		9.4 - 12.5
		Day 29	2020-08-03 09:37 (29)	11.6		9.4 - 12.5
		Day 57	2020-08-31 09:17 (29)	11.2		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-29 14:53 (-7)	5.00		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051097	Urea Nitrogen (mmol/L)	Day 29	2020-08-03 09:37 (29)	8.57 (H)	G1 Blood Urea Nitrogen Increased	1.78 - 7.14
		Day 57	2020-08-31 09:17 (29)	7.85 (H)		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-29 14:53 (-7)	28.0 (H)		7.8 - 26.7
		Day 29	2020-08-03 09:37 (29)	48.0 (H)		7.8 - 26.7
		Day 57	2020-08-31 09:17 (29)	44.0 (H)		7.8 - 26.7
US2051101	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-30 10:05 (-6)	32.4		25.1 - 36.5
		Day 29	2020-08-10 08:30 (36)	31.2		25.1 - 36.5
		Day 57	2020-09-10 15:10 (32)	31.2		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-30 10:05 (-6)	15		10 - 33
		Day 29	2020-08-10 08:30 (36)	17		10 - 33
		Day 57	2020-09-10 15:10 (32)	17		10 - 33

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051101	Alkaline Phosphatase (U/L)	Screening	2020-06-30 10:05 (-6)	91		30 - 115
		Day 29	2020-08-10 08:30 (36)	87		30 - 115
		Day 57	2020-09-10 15:10 (32)	89		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-30 10:05 (-6)	17		10 - 36
		Day 29	2020-08-10 08:30 (36)	21		10 - 36
		Day 57	2020-09-10 15:10 (32)	16		10 - 36
	Basophils (10^9/L)	Screening	2020-06-30 10:05 (-6)	0.03		0 - 0.3
		Day 29	2020-08-10 08:30 (36)	<0.03		0 - 0.3
		Day 57	2020-09-10 15:10 (32)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-30 10:05 (-6)	0.7		0 - 3
		Day 29	2020-08-10 08:30 (36)	0.5		0 - 3
		Day 57	2020-09-10 15:10 (32)	0.6		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051101	Bilirubin (umol/L)	Screening	2020-06-30 10:05 (-6)	3.9		- 18.8
		Day 29	2020-08-10 08:30 (36)	4.4		- 18.8
		Day 57	2020-09-10 15:10 (32)	4.6		- 18.8
	Creatinine (umol/L)	Screening	2020-06-30 10:05 (-6)	80		62 - 124
		Day 29	2020-08-10 08:30 (36)	62		62 - 124
		Day 57	2020-09-10 15:10 (32)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-30 10:05 (-6)	<3.4		0 - 6.8
		Day 29	2020-08-10 08:30 (36)	<3.4		0 - 6.8
		Day 57	2020-09-10 15:10 (32)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-30 10:05 (-6)	0.07		0 - 0.8
		Day 29	2020-08-10 08:30 (36)	0.08		0 - 0.8
		Day 57	2020-09-10 15:10 (32)	0.08		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051101	Eosinophils/Leukocytes (%)	Screening	2020-06-30 10:05 (-6)	1.6		0 - 7
		Day 29	2020-08-10 08:30 (36)	2.0		0 - 7
		Day 57	2020-09-10 15:10 (32)	1.7		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-30 10:05 (-6)	4.91		3.7 - 5.2
		Day 29	2020-08-10 08:30 (36)	4.91		3.7 - 5.2
		Day 57	2020-09-10 15:10 (32)	4.92		3.7 - 5.2
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-30 10:05 (-6)	71.1 (H)		1.7 - 21.5
	Hematocrit (L/L)	Screening	2020-06-30 10:05 (-6)	0.485 (H)		0.33 - 0.47
		Day 29	2020-08-10 08:30 (36)	0.478 (H)		0.33 - 0.47
		Day 57	2020-09-10 15:10 (32)	0.455		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-30 10:05 (-6)	149		110 - 155
		Day 29	2020-08-10 08:30 (36)	146	G1 Hemoglobin Decreased	110 - 155

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051101	Hemoglobin (g/L)	Day 57	2020-09-10 15:10 (32)	146	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-30 10:05 (-6)	<0.03		0 - 0.07
		Day 29	2020-08-10 08:30 (36)	<0.03		0 - 0.07
		Day 57	2020-09-10 15:10 (32)	0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-30 10:05 (-6)	0.2		0 - 1
		Day 29	2020-08-10 08:30 (36)	0.2		0 - 1
		Day 57	2020-09-10 15:10 (32)	0.6		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-30 10:05 (-6)	4.41		3.7 - 11
		Day 29	2020-08-10 08:30 (36)	4.05		3.7 - 11
		Day 57	2020-09-10 15:10 (32)	4.73		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-30 10:05 (-6)	1.45		0.9 - 3.6
		Day 29	2020-08-10 08:30 (36)	1.40		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051101	Lymphocytes (10^9/L)	Day 57	2020-09-10 15:10 (32)	1.82		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-30 10:05 (-6)	32.9		12 - 46
		Day 29	2020-08-10 08:30 (36)	34.6		12 - 46
		Day 57	2020-09-10 15:10 (32)	38.5		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-30 10:05 (-6)	0.37		0 - 1.2
		Day 29	2020-08-10 08:30 (36)	0.36		0 - 1.2
		Day 57	2020-09-10 15:10 (32)	0.55		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-30 10:05 (-6)	8.4		0 - 11
		Day 29	2020-08-10 08:30 (36)	8.9		0 - 11
		Day 57	2020-09-10 15:10 (32)	11.6 (H)		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-30 10:05 (-6)	2.48		1.7 - 7.9
		Day 29	2020-08-10 08:30 (36)	2.18		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051101	Neutrophils (10^9/L)	Day 57	2020-09-10 15:10 (32)	2.22		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-30 10:05 (-6)	56.2		34 - 71
		Day 29	2020-08-10 08:30 (36)	53.8		34 - 71
		Day 57	2020-09-10 15:10 (32)	47.0		34 - 71
	Platelets (10^9/L)	Screening	2020-06-30 10:05 (-6)	183		163 - 375
		Day 29	2020-08-10 08:30 (36)	182		163 - 375
		Day 57	2020-09-10 15:10 (32)	219		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-30 10:05 (-6)	0.9		0.9 - 1.1
		Day 29	2020-08-10 08:30 (36)	0.9		0.9 - 1.1
		Day 57	2020-09-10 15:10 (32)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-30 10:05 (-6)	10.3		9.4 - 12.5
		Day 29	2020-08-10 08:30 (36)	11.2		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051101	Prothrombin Time (sec)	Day 57	2020-09-10 15:10 (32)	10.9		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-30 10:05 (-6)	7.14		1.78 - 7.14
		Day 29	2020-08-10 08:30 (36)	4.64		1.78 - 7.14
		Day 57	2020-09-10 15:10 (32)	4.64		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-30 10:05 (-6)	22.2		7.8 - 26.7
		Day 29	2020-08-10 08:30 (36)	18.6		7.8 - 26.7
		Day 57	2020-09-10 15:10 (32)	18.6		7.8 - 26.7
US2051102	Activated Partial Thromboplastin Time (sec)	Screening	2020-07-01 08:23 (-5)	32.7		25.1 - 36.5
		Day 29	2020-08-03 08:43 (29)	31.5		25.1 - 36.5
		Day 57	2020-08-31 08:24 (29)	31.9		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-07-01 08:23 (-5)	16		10 - 40

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051102	Alanine Aminotransferase (U/L)	Day 29	2020-08-03 08:43 (29)	77 (H)	G1 Alanine Aminotransferase Increased	10 - 40
		Day 57	2020-08-31 08:24 (29)	28		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-07-01 08:23 (-5)	61		43 - 115
		Day 29	2020-08-03 08:43 (29)	131 (H)	G1 Alkaline Phosphatase Increased	43 - 115
		Day 57	2020-08-31 08:24 (29)	83		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-07-01 08:23 (-5)	19		10 - 43
		Day 29	2020-08-03 08:43 (29)	61 (H)	G1 Aspartate Aminotransferase Increased	10 - 43
		Day 57	2020-08-31 08:24 (29)	22		10 - 43
	Basophils (10^9/L)	Screening	2020-07-01 08:23 (-5)	0.05		0 - 0.3
		Day 29	2020-08-03 08:43 (29)	0.08		0 - 0.3
		Day 57	2020-08-31 08:24 (29)	0.06		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051102	Basophils/Leukocytes (%)	Screening	2020-07-01 08:23 (-5)	1.0		0 - 3
		Day 29	2020-08-03 08:43 (29)	1.4		0 - 3
		Day 57	2020-08-31 08:24 (29)	1.2		0 - 3
	Bilirubin (umol/L)	Screening	2020-07-01 08:23 (-5)	8.2		- 18.8
		Day 29	2020-08-03 08:43 (29)	7.7		- 18.8
		Day 57	2020-08-31 08:24 (29)	5.3		- 18.8
	Creatinine (umol/L)	Screening	2020-07-01 08:23 (-5)	106		62 - 124
		Day 29	2020-08-03 08:43 (29)	97		62 - 124
		Day 57	2020-08-31 08:24 (29)	97		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-07-01 08:23 (-5)	<3.4		0 - 6.8
		Day 29	2020-08-03 08:43 (29)	<3.4		0 - 6.8
		Day 57	2020-08-31 08:24 (29)	<3.4		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051102	Eosinophils (10^9/L)	Screening	2020-07-01 08:23 (-5)	0.27		0 - 0.8
		Day 29	2020-08-03 08:43 (29)	0.23		0 - 0.8
		Day 57	2020-08-31 08:24 (29)	0.28		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-07-01 08:23 (-5)	5.6		0 - 7
		Day 29	2020-08-03 08:43 (29)	4.2		0 - 7
		Day 57	2020-08-31 08:24 (29)	5.5		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-07-01 08:23 (-5)	4.71		4.63 - 6.08
		Day 29	2020-08-03 08:43 (29)	4.22 (L)		4.63 - 6.08
		Day 57	2020-08-31 08:24 (29)	4.15 (L)		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-07-01 08:23 (-5)	0.454		0.37 - 0.51
		Day 29	2020-08-03 08:43 (29)	0.400		0.37 - 0.51
		Day 57	2020-08-31 08:24 (29)	0.402		0.37 - 0.51

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051102	Hemoglobin (g/L)	Screening	2020-07-01 08:23 (-5)	140		125 - 170
		Day 29	2020-08-03 08:43 (29)	122 (L)	G2 Hemoglobin Decreased	125 - 170
		Day 57	2020-08-31 08:24 (29)	120 (L)	G2 Hemoglobin Decreased	125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-07-01 08:23 (-5)	<0.03		0 - 0.07
		Day 29	2020-08-03 08:43 (29)	<0.03		0 - 0.07
		Day 57	2020-08-31 08:24 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-07-01 08:23 (-5)	0.2		0 - 1
		Day 29	2020-08-03 08:43 (29)	0.0		0 - 1
		Day 57	2020-08-31 08:24 (29)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-07-01 08:23 (-5)	4.85		3.7 - 11
		Day 29	2020-08-03 08:43 (29)	5.53		3.7 - 11
		Day 57	2020-08-31 08:24 (29)	5.09		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051102	Lymphocytes (10^9/L)	Screening	2020-07-01 08:23 (-5)	1.26		0.9 - 3.6
		Day 29	2020-08-03 08:43 (29)	2.85		0.9 - 3.6
		Day 57	2020-08-31 08:24 (29)	2.31		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-07-01 08:23 (-5)	26.0		12 - 46
		Day 29	2020-08-03 08:43 (29)	51.5 (H)		12 - 46
		Day 57	2020-08-31 08:24 (29)	45.4		12 - 46
	Monocytes (10^9/L)	Screening	2020-07-01 08:23 (-5)	0.57		0 - 1.2
		Day 29	2020-08-03 08:43 (29)	0.67		0 - 1.2
		Day 57	2020-08-31 08:24 (29)	0.59		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-07-01 08:23 (-5)	11.8 (H)		0 - 11
		Day 29	2020-08-03 08:43 (29)	12.1 (H)		0 - 11
		Day 57	2020-08-31 08:24 (29)	11.6 (H)		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051102	Neutrophils (10^9/L)	Screening	2020-07-01 08:23 (-5)	2.69		1.7 - 7.9
		Day 29	2020-08-03 08:43 (29)	1.70	G1 Neutrophils Decreased	1.7 - 7.9
		Day 57	2020-08-31 08:24 (29)	1.84	G1 Neutrophils Decreased	1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-07-01 08:23 (-5)	55.4		34 - 71
		Day 29	2020-08-03 08:43 (29)	30.8 (L)		34 - 71
		Day 57	2020-08-31 08:24 (29)	36.1		34 - 71
	Platelets (10^9/L)	Screening	2020-07-01 08:23 (-5)	253		163 - 375
		Day 29	2020-08-03 08:43 (29)	237		163 - 375
		Day 57	2020-08-31 08:24 (29)	237		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-07-01 08:23 (-5)	1.0		0.9 - 1.1
		Day 29	2020-08-03 08:43 (29)	1.0		0.9 - 1.1
		Day 57	2020-08-31 08:24 (29)	1.0		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051102	Prothrombin Time (sec)	Screening	2020-07-01 08:23 (-5)	11.5		9.4 - 12.5
		Day 29	2020-08-03 08:43 (29)	11.8		9.4 - 12.5
		Day 57	2020-08-31 08:24 (29)	11.7		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-07-01 08:23 (-5)	7.85 (H)		1.78 - 7.14
		Day 29	2020-08-03 08:43 (29)	7.50 (H)		1.78 - 7.14
		Day 57	2020-08-31 08:24 (29)	6.07		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-07-01 08:23 (-5)	18.3		7.8 - 26.7
		Day 29	2020-08-03 08:43 (29)	19.1		7.8 - 26.7
		Day 57	2020-08-31 08:24 (29)	15.5		7.8 - 26.7
US2051106	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-30 13:27 (-6)	31.9		25.1 - 36.5
		Day 29	2020-08-04 10:36 (30)	28.7		25.1 - 36.5
		Day 57	2020-09-01 10:33 (29)	29.8		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051106	Alanine Aminotransferase (U/L)	Screening	2020-06-30 13:27 (-6)	18		10 - 40
		Day 29	2020-08-04 10:36 (30)	19		10 - 40
		Day 57	2020-09-01 10:33 (29)	19		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-30 13:27 (-6)	50		43 - 115
		Day 29	2020-08-04 10:36 (30)	53		43 - 115
		Day 57	2020-09-01 10:33 (29)	49		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-30 13:27 (-6)	15		10 - 43
		Day 29	2020-08-04 10:36 (30)	15		10 - 43
		Day 57	2020-09-01 10:33 (29)	14		10 - 43
	Basophils (10^9/L)	Screening	2020-06-30 13:27 (-6)	0.10		0 - 0.3
		Day 29	2020-08-04 10:36 (30)	0.09		0 - 0.3
		Day 57	2020-09-01 10:33 (29)	0.10		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051106	Basophils/Leukocytes (%)	Screening	2020-06-30 13:27 (-6)	1.5		0 - 3
		Day 29	2020-08-04 10:36 (30)	1.2		0 - 3
		Day 57	2020-09-01 10:33 (29)	1.6		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-30 13:27 (-6)	9.4		- 18.8
		Day 29	2020-08-04 10:36 (30)	5.5		- 18.8
		Day 57	2020-09-01 10:33 (29)	8.6		- 18.8
	Creatinine (umol/L)	Screening	2020-06-30 13:27 (-6)	71		62 - 124
		Day 29	2020-08-04 10:36 (30)	80		62 - 124
		Day 57	2020-09-01 10:33 (29)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-30 13:27 (-6)	<3.4		0 - 6.8
		Day 29	2020-08-04 10:36 (30)	<3.4		0 - 6.8
		Day 57	2020-09-01 10:33 (29)	<3.4		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051106	Eosinophils (10^9/L)	Screening	2020-06-30 13:27 (-6)	0.19		0 - 0.8
		Day 29	2020-08-04 10:36 (30)	0.20		0 - 0.8
		Day 57	2020-09-01 10:33 (29)	0.26		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-30 13:27 (-6)	2.8		0 - 7
		Day 29	2020-08-04 10:36 (30)	2.8		0 - 7
		Day 57	2020-09-01 10:33 (29)	4.3		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-30 13:27 (-6)	4.93		4.63 - 6.08
		Day 29	2020-08-04 10:36 (30)	4.75		4.63 - 6.08
		Day 57	2020-09-01 10:33 (29)	4.73		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-30 13:27 (-6)	0.473		0.37 - 0.51
		Day 29	2020-08-04 10:36 (30)	0.455		0.37 - 0.51
		Day 57	2020-09-01 10:33 (29)	0.464		0.37 - 0.51

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051106	Hemoglobin (g/L)	Screening	2020-06-30 13:27 (-6)	150		125 - 170
		Day 29	2020-08-04 10:36 (30)	143	G1 Hemoglobin Decreased	125 - 170
		Day 57	2020-09-01 10:33 (29)	145	G1 Hemoglobin Decreased	125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-30 13:27 (-6)	<0.03		0 - 0.07
		Day 29	2020-08-04 10:36 (30)	<0.03		0 - 0.07
		Day 57	2020-09-01 10:33 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-30 13:27 (-6)	0.1		0 - 1
		Day 29	2020-08-04 10:36 (30)	0.1		0 - 1
		Day 57	2020-09-01 10:33 (29)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-30 13:27 (-6)	6.73		3.7 - 11
		Day 29	2020-08-04 10:36 (30)	7.22		3.7 - 11
		Day 57	2020-09-01 10:33 (29)	6.09		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051106	Lymphocytes (10^9/L)	Screening	2020-06-30 13:27 (-6)	2.23		0.9 - 3.6
		Day 29	2020-08-04 10:36 (30)	2.55		0.9 - 3.6
		Day 57	2020-09-01 10:33 (29)	2.38		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-30 13:27 (-6)	33.1		12 - 46
		Day 29	2020-08-04 10:36 (30)	35.3		12 - 46
		Day 57	2020-09-01 10:33 (29)	39.1		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-30 13:27 (-6)	0.47		0 - 1.2
		Day 29	2020-08-04 10:36 (30)	0.52		0 - 1.2
		Day 57	2020-09-01 10:33 (29)	0.53		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-30 13:27 (-6)	7.0		0 - 11
		Day 29	2020-08-04 10:36 (30)	7.2		0 - 11
		Day 57	2020-09-01 10:33 (29)	8.7		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051106	Neutrophils (10^9/L)	Screening	2020-06-30 13:27 (-6)	3.73		1.7 - 7.9
		Day 29	2020-08-04 10:36 (30)	3.85		1.7 - 7.9
		Day 57	2020-09-01 10:33 (29)	2.80		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-30 13:27 (-6)	55.5		34 - 71
		Day 29	2020-08-04 10:36 (30)	53.4		34 - 71
		Day 57	2020-09-01 10:33 (29)	46.0		34 - 71
	Platelets (10^9/L)	Screening	2020-06-30 13:27 (-6)	253		163 - 375
		Day 29	2020-08-04 10:36 (30)	247		163 - 375
		Day 57	2020-09-01 10:33 (29)	254		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-30 13:27 (-6)	1.0		0.9 - 1.1
		Day 29	2020-08-04 10:36 (30)	1.0		0.9 - 1.1
		Day 57	2020-09-01 10:33 (29)	1.0		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051106	Prothrombin Time (sec)	Screening	2020-06-30 13:27 (-6)	11.7		9.4 - 12.5
		Day 29	2020-08-04 10:36 (30)	11.5		9.4 - 12.5
		Day 57	2020-09-01 10:33 (29)	11.7		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-30 13:27 (-6)	4.64		1.78 - 7.14
		Day 29	2020-08-04 10:36 (30)	4.64		1.78 - 7.14
		Day 57	2020-09-01 10:33 (29)	6.78		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-30 13:27 (-6)	16.2		7.8 - 26.7
		Day 29	2020-08-04 10:36 (30)	14.4		7.8 - 26.7
		Day 57	2020-09-01 10:33 (29)	23.8		7.8 - 26.7
US2051108	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-30 14:57 (-6)	28.7		25.1 - 36.5
		Day 29	2020-08-10 13:40 (36)	27.3		25.1 - 36.5
		Day 57	2020-09-08 14:26 (30)	28.3		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051108	Alanine Aminotransferase (U/L)	Screening	2020-06-30 14:57 (-6)	9 (L)		10 - 40
		Day 29	2020-08-10 13:40 (36)	10		10 - 40
		Day 57	2020-09-08 14:26 (30)	12		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-30 14:57 (-6)	67		43 - 115
		Day 29	2020-08-10 13:40 (36)	56		43 - 115
		Day 57	2020-09-08 14:26 (30)	53		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-30 14:57 (-6)	14		10 - 43
		Day 29	2020-08-10 13:40 (36)	21		10 - 43
		Day 57	2020-09-08 14:26 (30)	17		10 - 43
	Basophils (10^9/L)	Screening	2020-06-30 14:57 (-6)	0.05		0 - 0.3
		Day 29	2020-08-10 13:40 (36)	0.06		0 - 0.3
		Day 57	2020-09-08 14:26 (30)	0.07		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051108	Basophils/Leukocytes (%)	Screening	2020-06-30 14:57 (-6)	0.8		0 - 3
		Day 29	2020-08-10 13:40 (36)	1.1		0 - 3
		Day 57	2020-09-08 14:26 (30)	1.0		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-30 14:57 (-6)	9.9		- 18.8
		Day 29	2020-08-10 13:40 (36)	11.1		- 18.8
		Day 57	2020-09-08 14:26 (30)	10.8		- 18.8
	Creatinine (umol/L)	Screening	2020-06-30 14:57 (-6)	80		62 - 124
		Day 29	2020-08-10 13:40 (36)	80		62 - 124
		Day 57	2020-09-08 14:26 (30)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-30 14:57 (-6)	<3.4		0 - 6.8
		Day 29	2020-08-10 13:40 (36)	<3.4		0 - 6.8
		Day 57	2020-09-08 14:26 (30)	<3.4		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051108	Eosinophils (10^9/L)	Screening	2020-06-30 14:57 (-6)	0.29		0 - 0.8
		Day 29	2020-08-10 13:40 (36)	0.28		0 - 0.8
		Day 57	2020-09-08 14:26 (30)	0.32		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-30 14:57 (-6)	4.8		0 - 7
		Day 29	2020-08-10 13:40 (36)	4.9		0 - 7
		Day 57	2020-09-08 14:26 (30)	4.7		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-30 14:57 (-6)	5.40		4.63 - 6.08
		Day 29	2020-08-10 13:40 (36)	5.04		4.63 - 6.08
		Day 57	2020-09-08 14:26 (30)	5.55		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-30 14:57 (-6)	0.532 (H)		0.37 - 0.51
		Day 29	2020-08-10 13:40 (36)	0.486		0.37 - 0.51
		Day 57	2020-09-08 14:26 (30)	0.532 (H)		0.37 - 0.51

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051108	Hemoglobin (g/L)	Screening	2020-06-30 14:57 (-6)	163		125 - 170
		Day 29	2020-08-10 13:40 (36)	154	G1 Hemoglobin Decreased	125 - 170
		Day 57	2020-09-08 14:26 (30)	168		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-30 14:57 (-6)	<0.03		0 - 0.07
		Day 29	2020-08-10 13:40 (36)	<0.03		0 - 0.07
		Day 57	2020-09-08 14:26 (30)	0.04		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-30 14:57 (-6)	0.2		0 - 1
		Day 29	2020-08-10 13:40 (36)	0.4		0 - 1
		Day 57	2020-09-08 14:26 (30)	0.6		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-30 14:57 (-6)	6.09		3.7 - 11
		Day 29	2020-08-10 13:40 (36)	5.69		3.7 - 11
		Day 57	2020-09-08 14:26 (30)	6.74		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051108	Lymphocytes (10^9/L)	Screening	2020-06-30 14:57 (-6)	1.65		0.9 - 3.6
		Day 29	2020-08-10 13:40 (36)	1.63		0.9 - 3.6
		Day 57	2020-09-08 14:26 (30)	1.85		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-30 14:57 (-6)	27.1		12 - 46
		Day 29	2020-08-10 13:40 (36)	28.6		12 - 46
		Day 57	2020-09-08 14:26 (30)	27.4		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-30 14:57 (-6)	0.53		0 - 1.2
		Day 29	2020-08-10 13:40 (36)	0.43		0 - 1.2
		Day 57	2020-09-08 14:26 (30)	0.39		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-30 14:57 (-6)	8.7		0 - 11
		Day 29	2020-08-10 13:40 (36)	7.6		0 - 11
		Day 57	2020-09-08 14:26 (30)	5.8		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051108	Neutrophils (10^9/L)	Screening	2020-06-30 14:57 (-6)	3.56		1.7 - 7.9
		Day 29	2020-08-10 13:40 (36)	3.27		1.7 - 7.9
		Day 57	2020-09-08 14:26 (30)	4.07		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-30 14:57 (-6)	58.4		34 - 71
		Day 29	2020-08-10 13:40 (36)	57.4		34 - 71
		Day 57	2020-09-08 14:26 (30)	60.5		34 - 71
	Platelets (10^9/L)	Screening	2020-06-30 14:57 (-6)	241		163 - 375
		Day 29	2020-08-10 13:40 (36)	245		163 - 375
		Day 57	2020-09-08 14:26 (30)	262		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-30 14:57 (-6)	0.9		0.9 - 1.1
		Day 29	2020-08-10 13:40 (36)	0.9		0.9 - 1.1
		Day 57	2020-09-08 14:26 (30)	0.9		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051108	Prothrombin Time (sec)	Screening	2020-06-30 14:57 (-6)	10.7		9.4 - 12.5
		Day 29	2020-08-10 13:40 (36)	10.9		9.4 - 12.5
		Day 57	2020-09-08 14:26 (30)	11.1		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-30 14:57 (-6)	4.28		1.78 - 7.14
		Day 29	2020-08-10 13:40 (36)	3.93		1.78 - 7.14
		Day 57	2020-09-08 14:26 (30)	3.21		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-30 14:57 (-6)	13.3		7.8 - 26.7
		Day 29	2020-08-10 13:40 (36)	12.2		7.8 - 26.7
		Day 57	2020-09-08 14:26 (30)	11.2		7.8 - 26.7
US2051111	Activated Partial Thromboplastin Time (sec)	Screening	2020-07-01 13:51 (-5)	36.0		25.1 - 36.5
		Day 29	2020-08-04 14:01 (30)	35.0		25.1 - 36.5
		Day 57	2020-08-31 14:24 (28)	30.5		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051111	Alanine Aminotransferase (U/L)	Screening	2020-07-01 13:51 (-5)	19		10 - 33
		Day 29	2020-08-04 14:01 (30)	18		10 - 33
		Day 57	2020-08-31 14:24 (28)	18		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-07-01 13:51 (-5)	75		30 - 115
		Day 29	2020-08-04 14:01 (30)	69		30 - 115
		Day 57	2020-08-31 14:24 (28)	68		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-07-01 13:51 (-5)	26		10 - 36
		Day 29	2020-08-04 14:01 (30)	24		10 - 36
		Day 57	2020-08-31 14:24 (28)	24		10 - 36
	Basophils (10^9/L)	Screening	2020-07-01 13:51 (-5)	0.04		0 - 0.3
		Day 29	2020-08-04 14:01 (30)	0.03		0 - 0.3
		Day 57	2020-08-31 14:24 (28)	0.03		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051111	Basophils/Leukocytes (%)	Screening	2020-07-01 13:51 (-5)	0.6		0 - 3
		Day 29	2020-08-04 14:01 (30)	0.5		0 - 3
		Day 57	2020-08-31 14:24 (28)	0.5		0 - 3
	Bilirubin (umol/L)	Screening	2020-07-01 13:51 (-5)	5.1		- 18.8
		Day 29	2020-08-04 14:01 (30)	3.6		- 18.8
		Day 57	2020-08-31 14:24 (28)	4.1		- 18.8
	Creatinine (umol/L)	Screening	2020-07-01 13:51 (-5)	62		62 - 124
		Day 29	2020-08-04 14:01 (30)	62		62 - 124
		Day 57	2020-08-31 14:24 (28)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-07-01 13:51 (-5)	<3.4		0 - 6.8
		Day 29	2020-08-04 14:01 (30)	<3.4		0 - 6.8
		Day 57	2020-08-31 14:24 (28)	<3.4		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051111	Eosinophils (10^9/L)	Screening	2020-07-01 13:51 (-5)	0.14		0 - 0.8
		Day 29	2020-08-04 14:01 (30)	0.12		0 - 0.8
		Day 57	2020-08-31 14:24 (28)	0.13		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-07-01 13:51 (-5)	2.0		0 - 7
		Day 29	2020-08-04 14:01 (30)	1.8		0 - 7
		Day 57	2020-08-31 14:24 (28)	2.2		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-07-01 13:51 (-5)	4.75		3.7 - 5.2
		Day 29	2020-08-04 14:01 (30)	4.33		3.7 - 5.2
		Day 57	2020-08-31 14:24 (28)	4.32		3.7 - 5.2
	Follicle Stimulating Hormone (IU/L)	Screening	2020-07-01 13:51 (-5)	49.8 (H)		1.7 - 21.5
	Hematocrit (L/L)	Screening	2020-07-01 13:51 (-5)	0.448		0.33 - 0.47
		Day 29	2020-08-04 14:01 (30)	0.398		0.33 - 0.47

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051111	Hematocrit (L/L)	Day 57	2020-08-31 14:24 (28)	0.404		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-07-01 13:51 (-5)	136		110 - 155
		Day 29	2020-08-04 14:01 (30)	124	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-31 14:24 (28)	125	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-07-01 13:51 (-5)	<0.03		0 - 0.07
		Day 29	2020-08-04 14:01 (30)	<0.03		0 - 0.07
		Day 57	2020-08-31 14:24 (28)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-07-01 13:51 (-5)	0.1		0 - 1
		Day 29	2020-08-04 14:01 (30)	0.3		0 - 1
		Day 57	2020-08-31 14:24 (28)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-07-01 13:51 (-5)	6.91		3.7 - 11
		Day 29	2020-08-04 14:01 (30)	6.50		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051111	Leukocytes (10^9/L)	Day 57	2020-08-31 14:24 (28)	6.03		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-07-01 13:51 (-5)	3.22		0.9 - 3.6
		Day 29	2020-08-04 14:01 (30)	2.68		0.9 - 3.6
		Day 57	2020-08-31 14:24 (28)	2.56		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-07-01 13:51 (-5)	46.6 (H)		12 - 46
		Day 29	2020-08-04 14:01 (30)	41.2		12 - 46
		Day 57	2020-08-31 14:24 (28)	42.5		12 - 46
	Monocytes (10^9/L)	Screening	2020-07-01 13:51 (-5)	0.59		0 - 1.2
		Day 29	2020-08-04 14:01 (30)	0.44		0 - 1.2
		Day 57	2020-08-31 14:24 (28)	0.49		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-07-01 13:51 (-5)	8.5		0 - 11
		Day 29	2020-08-04 14:01 (30)	6.8		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051111	Monocytes/Leukocytes (%)	Day 57	2020-08-31 14:24 (28)	8.1		0 - 11
	Neutrophils (10^9/L)	Screening	2020-07-01 13:51 (-5)	2.91		1.7 - 7.9
		Day 29	2020-08-04 14:01 (30)	3.21		1.7 - 7.9
		Day 57	2020-08-31 14:24 (28)	2.81		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-07-01 13:51 (-5)	42.2		34 - 71
		Day 29	2020-08-04 14:01 (30)	49.4		34 - 71
		Day 57	2020-08-31 14:24 (28)	46.5		34 - 71
	Platelets (10^9/L)	Screening	2020-07-01 13:51 (-5)	240		163 - 375
		Day 29	2020-08-04 14:01 (30)	210		163 - 375
		Day 57	2020-08-31 14:24 (28)	219		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-07-01 13:51 (-5)	1.0		0.9 - 1.1
		Day 29	2020-08-04 14:01 (30)	1.0		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2051111	Prothrombin Intl. Normalized Ratio	Day 57	2020-08-31 14:24 (28)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-07-01 13:51 (-5)	11.4		9.4 - 12.5
		Day 29	2020-08-04 14:01 (30)	12.6 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
		Day 57	2020-08-31 14:24 (28)	11.6		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-07-01 13:51 (-5)	5.35		1.78 - 7.14
		Day 29	2020-08-04 14:01 (30)	4.64		1.78 - 7.14
		Day 57	2020-08-31 14:24 (28)	5.35		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-07-01 13:51 (-5)	21.4		7.8 - 26.7
		Day 29	2020-08-04 14:01 (30)	18.6		7.8 - 26.7
		Day 57	2020-08-31 14:24 (28)	21.4		7.8 - 26.7
US2061036	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-09 11:11 (-17)	29.1		25.1 - 36.5
		Day 29	2020-07-27 10:36 (32)	28.2		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061036	Activated Partial Thromboplastin Time (sec)	Day 57	2020-08-24 17:05 (29)	31.8		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-09 11:11 (-17)	11		10 - 33
		Day 29	2020-07-27 10:36 (32)	13		10 - 33
		Day 57	2020-08-24 17:05 (29)	16		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-09 11:11 (-17)	67		30 - 115
		Day 29	2020-07-27 10:36 (32)	68		30 - 115
		Day 57	2020-08-24 17:05 (29)	71		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-09 11:11 (-17)	17		10 - 36
		Day 29	2020-07-27 10:36 (32)	14		10 - 36
		Day 57	2020-08-24 17:05 (29)	16		10 - 36
	Basophils (10^9/L)	Screening	2020-06-09 11:11 (-17)	<0.03		0 - 0.3
		Day 29	2020-07-27 10:36 (32)	<0.03		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061036	Basophils (10^9/L)	Day 57	2020-08-24 17:05 (29)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-09 11:11 (-17)	0.2		0 - 3
		Day 29	2020-07-27 10:36 (32)	0.4		0 - 3
		Day 57	2020-08-24 17:05 (29)	0.2		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-09 11:11 (-17)	5.6		- 18.8
		Day 29	2020-07-27 10:36 (32)	4.6		- 18.8
		Day 57	2020-08-24 17:05 (29)	2.9		- 18.8
	Creatinine (umol/L)	Screening	2020-06-09 11:11 (-17)	53 (L)		62 - 124
		Day 29	2020-07-27 10:36 (32)	53 (L)		62 - 124
		Day 57	2020-08-24 17:05 (29)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-09 11:11 (-17)	<3.4		0 - 6.8
		Day 29	2020-07-27 10:36 (32)	<3.4		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061036	Direct Bilirubin (umol/L)	Day 57	2020-08-24 17:05 (29)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-09 11:11 (-17)	0.07		0 - 0.8
		Day 29	2020-07-27 10:36 (32)	0.14		0 - 0.8
		Day 57	2020-08-24 17:05 (29)	0.14		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-09 11:11 (-17)	1.2		0 - 7
		Day 29	2020-07-27 10:36 (32)	2.6		0 - 7
		Day 57	2020-08-24 17:05 (29)	2.4		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-09 11:11 (-17)	4.28		3.7 - 5.2
		Day 29	2020-07-27 10:36 (32)	4.03		3.7 - 5.2
		Day 57	2020-08-24 17:05 (29)	4.04		3.7 - 5.2
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-09 11:11 (-17)	77.5 (H)		1.7 - 21.5
	Hematocrit (L/L)	Screening	2020-06-09 11:11 (-17)	0.412		0.33 - 0.47

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061036	Hematocrit (L/L)	Day 29	2020-07-27 10:36 (32)	0.388		0.33 - 0.47
		Day 57	2020-08-24 17:05 (29)	0.387		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-09 11:11 (-17)	131		110 - 155
		Day 29	2020-07-27 10:36 (32)	122	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-24 17:05 (29)	123	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-09 11:11 (-17)	<0.03		0 - 0.07
		Day 29	2020-07-27 10:36 (32)	<0.03		0 - 0.07
		Day 57	2020-08-24 17:05 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-09 11:11 (-17)	0.2		0 - 1
		Day 29	2020-07-27 10:36 (32)	0.2		0 - 1
		Day 57	2020-08-24 17:05 (29)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-09 11:11 (-17)	5.71		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061036	Leukocytes (10^9/L)	Day 29	2020-07-27 10:36 (32)	5.48		3.7 - 11
		Day 57	2020-08-24 17:05 (29)	5.79		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-09 11:11 (-17)	1.30		0.9 - 3.6
		Day 29	2020-07-27 10:36 (32)	1.33		0.9 - 3.6
		Day 57	2020-08-24 17:05 (29)	1.67		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-09 11:11 (-17)	22.8		12 - 46
		Day 29	2020-07-27 10:36 (32)	24.3		12 - 46
		Day 57	2020-08-24 17:05 (29)	28.8		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-09 11:11 (-17)	0.35		0 - 1.2
		Day 29	2020-07-27 10:36 (32)	0.40		0 - 1.2
		Day 57	2020-08-24 17:05 (29)	0.40		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-09 11:11 (-17)	6.1		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061036	Monocytes/Leukocytes (%)	Day 29	2020-07-27 10:36 (32)	7.3		0 - 11
		Day 57	2020-08-24 17:05 (29)	6.9		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-09 11:11 (-17)	3.97		1.7 - 7.9
		Day 29	2020-07-27 10:36 (32)	3.58		1.7 - 7.9
		Day 57	2020-08-24 17:05 (29)	3.56		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-09 11:11 (-17)	69.5		34 - 71
		Day 29	2020-07-27 10:36 (32)	65.2		34 - 71
		Day 57	2020-08-24 17:05 (29)	61.5		34 - 71
	Platelets (10^9/L)	Screening	2020-06-09 11:11 (-17)	306		163 - 375
		Day 29	2020-07-27 10:36 (32)	312		163 - 375
		Day 57	2020-08-24 17:05 (29)	310		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-09 11:11 (-17)	0.9		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061036	Prothrombin Intl. Normalized Ratio	Day 29	2020-07-27 10:36 (32)	0.8 (L)		0.9 - 1.1
		Day 57	2020-08-24 17:05 (29)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-09 11:11 (-17)	10.5		9.4 - 12.5
		Day 29	2020-07-27 10:36 (32)	10.2		9.4 - 12.5
		Day 57	2020-08-24 17:05 (29)	10.8		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-09 11:11 (-17)	4.64		1.78 - 7.14
		Day 29	2020-07-27 10:36 (32)	4.28		1.78 - 7.14
		Day 57	2020-08-24 17:05 (29)	4.28		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-09 11:11 (-17)	21.7		7.8 - 26.7
		Day 29	2020-07-27 10:36 (32)	20.0		7.8 - 26.7
		Day 57	2020-08-24 17:05 (29)	20.0		7.8 - 26.7
US2061045	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-10 16:16 (-19)	31.9		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061045	Activated Partial Thromboplastin Time (sec)	Day 29	2020-07-27 15:20 (29)	31.1		25.1 - 36.5
		Day 57	2020-08-20 13:50 (25)	32.1		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-10 16:16 (-19)	16		10 - 33
		Day 29	2020-07-27 15:20 (29)	16		10 - 33
		Day 57	2020-08-20 13:50 (25)	12		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-10 16:16 (-19)	74		30 - 115
		Day 29	2020-07-27 15:20 (29)	81		30 - 115
		Day 57	2020-08-20 13:50 (25)	80		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-10 16:16 (-19)	21		10 - 36
		Day 29	2020-07-27 15:20 (29)	16		10 - 36
		Day 57	2020-08-20 13:50 (25)	17		10 - 36
	Basophils (10^9/L)	Screening	2020-06-10 16:16 (-19)	0.09		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061045	Basophils (10^9/L)	Day 29	2020-07-27 15:20 (29)	0.07		0 - 0.3
		Day 57	2020-08-20 13:50 (25)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-10 16:16 (-19)	1.6		0 - 3
		Day 29	2020-07-27 15:20 (29)	1.2		0 - 3
		Day 57	2020-08-20 13:50 (25)	0.7		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-10 16:16 (-19)	4.1		- 18.8
		Day 29	2020-07-27 15:20 (29)	3.2		- 18.8
		Day 57	2020-08-20 13:50 (25)	2.6		- 18.8
	Creatinine (umol/L)	Screening	2020-06-10 16:16 (-19)	44 (L)		62 - 124
		Day 29	2020-07-27 15:20 (29)	53 (L)		62 - 124
		Day 57	2020-08-20 13:50 (25)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-10 16:16 (-19)	<3.4		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061045	Direct Bilirubin (umol/L)	Day 29	2020-07-27 15:20 (29)	<3.4		0 - 6.8
		Day 57	2020-08-20 13:50 (25)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-10 16:16 (-19)	0.20		0 - 0.8
		Day 29	2020-07-27 15:20 (29)	0.17		0 - 0.8
		Day 57	2020-08-20 13:50 (25)	0.20		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-10 16:16 (-19)	3.5		0 - 7
		Day 29	2020-07-27 15:20 (29)	3.0		0 - 7
		Day 57	2020-08-20 13:50 (25)	3.7		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-10 16:16 (-19)	4.59		3.7 - 5.2
		Day 29	2020-07-27 15:20 (29)	4.38		3.7 - 5.2
		Day 57	2020-08-20 13:50 (25)	4.40		3.7 - 5.2
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-10 16:16 (-19)	61.2 (H)		1.7 - 21.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061045	Hematocrit (L/L)	Screening	2020-06-10 16:16 (-19)	0.430		0.33 - 0.47
		Day 29	2020-07-27 15:20 (29)	0.422		0.33 - 0.47
		Day 57	2020-08-20 13:50 (25)	0.438		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-10 16:16 (-19)	140		110 - 155
		Day 29	2020-07-27 15:20 (29)	134	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-20 13:50 (25)	133	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-10 16:16 (-19)	<0.03		0 - 0.07
		Day 29	2020-07-27 15:20 (29)	<0.03		0 - 0.07
		Day 57	2020-08-20 13:50 (25)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-10 16:16 (-19)	0.2		0 - 1
		Day 29	2020-07-27 15:20 (29)	0.3		0 - 1
		Day 57	2020-08-20 13:50 (25)	0.2		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061045	Leukocytes (10^9/L)	Screening	2020-06-10 16:16 (-19)	5.77		3.7 - 11
		Day 29	2020-07-27 15:20 (29)	5.76		3.7 - 11
		Day 57	2020-08-20 13:50 (25)	5.40		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-10 16:16 (-19)	2.37		0.9 - 3.6
		Day 29	2020-07-27 15:20 (29)	2.49		0.9 - 3.6
		Day 57	2020-08-20 13:50 (25)	2.11		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-10 16:16 (-19)	41.1		12 - 46
		Day 29	2020-07-27 15:20 (29)	43.2		12 - 46
		Day 57	2020-08-20 13:50 (25)	39.1		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-10 16:16 (-19)	0.49		0 - 1.2
		Day 29	2020-07-27 15:20 (29)	0.63		0 - 1.2
		Day 57	2020-08-20 13:50 (25)	0.47		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061045	Monocytes/Leukocytes (%)	Screening	2020-06-10 16:16 (-19)	8.5		0 - 11
		Day 29	2020-07-27 15:20 (29)	10.9		0 - 11
		Day 57	2020-08-20 13:50 (25)	8.7		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-10 16:16 (-19)	2.61		1.7 - 7.9
		Day 29	2020-07-27 15:20 (29)	2.38		1.7 - 7.9
		Day 57	2020-08-20 13:50 (25)	2.57		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-10 16:16 (-19)	45.1		34 - 71
		Day 29	2020-07-27 15:20 (29)	41.4		34 - 71
		Day 57	2020-08-20 13:50 (25)	47.6		34 - 71
	Platelets (10^9/L)	Screening	2020-06-10 16:16 (-19)	259		163 - 375
		Day 29	2020-07-27 15:20 (29)	261		163 - 375
		Day 57	2020-08-20 13:50 (25)	257		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061045	Prothrombin Intl. Normalized Ratio	Screening	2020-06-10 16:16 (-19)	1.1		0.9 - 1.1
		Day 29	2020-07-27 15:20 (29)	1.0		0.9 - 1.1
		Day 57	2020-08-20 13:50 (25)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-10 16:16 (-19)	12.3		9.4 - 12.5
		Day 29	2020-07-27 15:20 (29)	12.3		9.4 - 12.5
		Day 57	2020-08-20 13:50 (25)	12.3		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-10 16:16 (-19)	6.07		1.78 - 7.14
		Day 29	2020-07-27 15:20 (29)	6.43		1.78 - 7.14
		Day 57	2020-08-20 13:50 (25)	7.85 (H)		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-10 16:16 (-19)	34.0 (H)		7.8 - 26.7
		Day 29	2020-07-27 15:20 (29)	30.0 (H)		7.8 - 26.7
		Day 57	2020-08-20 13:50 (25)	31.4 (H)		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061063	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-22 13:52 (-8)	36.6 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
		Unscheduled	2020-06-24 15:38 (-6)	33.7		25.1 - 36.5
		Day 29	2020-07-28 15:35 (29)	36.5		25.1 - 36.5
		Day 57	2020-08-31 11:32 (35)	28.9		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-22 13:52 (-8)	19		10 - 40
		Unscheduled	2020-06-24 15:38 (-6)	17		10 - 40
		Day 29	2020-07-28 15:35 (29)	17		10 - 40
		Day 57	2020-08-31 11:32 (35)	18		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-22 13:52 (-8)	57		43 - 115
		Unscheduled	2020-06-24 15:38 (-6)	58		43 - 115
		Day 29	2020-07-28 15:35 (29)	50		43 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061063	Alkaline Phosphatase (U/L)	Day 57	2020-08-31 11:32 (35)	54		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-22 13:52 (-8)	26		10 - 43
		Unscheduled	2020-06-24 15:38 (-6)	27		10 - 43
		Day 29	2020-07-28 15:35 (29)	28		10 - 43
		Day 57	2020-08-31 11:32 (35)	21		10 - 43
	Basophils (10^9/L)	Screening	2020-06-22 13:52 (-8)	0.03		0 - 0.3
		Day 29	2020-07-28 15:35 (29)	0.04		0 - 0.3
		Day 57	2020-08-31 11:32 (35)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-22 13:52 (-8)	0.4		0 - 3
		Day 29	2020-07-28 15:35 (29)	0.7		0 - 3
		Day 57	2020-08-31 11:32 (35)	0.6		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-22 13:52 (-8)	5.1		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061063	Bilirubin (umol/L)	Unscheduled	2020-06-24 15:38 (-6)	11.3		- 18.8
		Day 29	2020-07-28 15:35 (29)	8.9		- 18.8
		Day 57	2020-08-31 11:32 (35)	8.7		- 18.8
	Creatinine (umol/L)	Screening	2020-06-22 13:52 (-8)	88		62 - 124
		Unscheduled	2020-06-24 15:38 (-6)	71		62 - 124
		Day 29	2020-07-28 15:35 (29)	71		62 - 124
		Day 57	2020-08-31 11:32 (35)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-22 13:52 (-8)	<3.4		0 - 6.8
		Unscheduled	2020-06-24 15:38 (-6)	<3.4		0 - 6.8
		Day 29	2020-07-28 15:35 (29)	<3.4		0 - 6.8
		Day 57	2020-08-31 11:32 (35)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-22 13:52 (-8)	0.06		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061063	Eosinophils (10^9/L)	Day 29	2020-07-28 15:35 (29)	0.04		0 - 0.8
		Day 57	2020-08-31 11:32 (35)	0.12		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-22 13:52 (-8)	0.8		0 - 7
		Day 29	2020-07-28 15:35 (29)	0.7		0 - 7
		Day 57	2020-08-31 11:32 (35)	2.4		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-22 13:52 (-8)	4.80		4.63 - 6.08
		Day 29	2020-07-28 15:35 (29)	4.66		4.63 - 6.08
		Day 57	2020-08-31 11:32 (35)	4.66		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-22 13:52 (-8)	0.456		0.37 - 0.51
		Day 29	2020-07-28 15:35 (29)	0.447		0.37 - 0.51
		Day 57	2020-08-31 11:32 (35)	0.455		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-22 13:52 (-8)	150		125 - 170

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061063	Hemoglobin (g/L)	Day 29	2020-07-28 15:35 (29)	142	G1 Hemoglobin Decreased	125 - 170
		Day 57	2020-08-31 11:32 (35)	144	G1 Hemoglobin Decreased	125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-22 13:52 (-8)	0.03		0 - 0.07
		Day 29	2020-07-28 15:35 (29)	<0.03		0 - 0.07
		Day 57	2020-08-31 11:32 (35)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-22 13:52 (-8)	0.4		0 - 1
		Day 29	2020-07-28 15:35 (29)	0.2		0 - 1
		Day 57	2020-08-31 11:32 (35)	0.4		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-22 13:52 (-8)	7.12		3.7 - 11
		Day 29	2020-07-28 15:35 (29)	5.76		3.7 - 11
		Day 57	2020-08-31 11:32 (35)	4.96		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-22 13:52 (-8)	1.30		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061063	Lymphocytes (10^9/L)	Day 29	2020-07-28 15:35 (29)	1.34		0.9 - 3.6
		Day 57	2020-08-31 11:32 (35)	1.40		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-22 13:52 (-8)	18.3		12 - 46
		Day 29	2020-07-28 15:35 (29)	23.3		12 - 46
		Day 57	2020-08-31 11:32 (35)	28.2		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-22 13:52 (-8)	0.58		0 - 1.2
		Day 29	2020-07-28 15:35 (29)	0.55		0 - 1.2
		Day 57	2020-08-31 11:32 (35)	0.56		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-22 13:52 (-8)	8.1		0 - 11
		Day 29	2020-07-28 15:35 (29)	9.5		0 - 11
		Day 57	2020-08-31 11:32 (35)	11.3 (H)		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-22 13:52 (-8)	5.12		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061063	Neutrophils (10^9/L)	Day 29	2020-07-28 15:35 (29)	3.78		1.7 - 7.9
		Day 57	2020-08-31 11:32 (35)	2.83		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-22 13:52 (-8)	72.0 (H)		34 - 71
		Day 29	2020-07-28 15:35 (29)	65.6		34 - 71
		Day 57	2020-08-31 11:32 (35)	57.1		34 - 71
	Platelets (10^9/L)	Screening	2020-06-22 13:52 (-8)	228		163 - 375
		Day 29	2020-07-28 15:35 (29)	189		163 - 375
		Day 57	2020-08-31 11:32 (35)	200		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-22 13:52 (-8)	1.0		0.9 - 1.1
		Unscheduled	2020-06-24 15:38 (-6)	1.1		0.9 - 1.1
		Day 29	2020-07-28 15:35 (29)	1.0		0.9 - 1.1
		Day 57	2020-08-31 11:32 (35)	0.9		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2061063	Prothrombin Time (sec)	Screening	2020-06-22 13:52 (-8)	11.9		9.4 - 12.5
		Unscheduled	2020-06-24 15:38 (-6)	12.5		9.4 - 12.5
		Day 29	2020-07-28 15:35 (29)	12.6 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
		Day 57	2020-08-31 11:32 (35)	11.1		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-22 13:52 (-8)	10.00 (H)	G2 Blood Urea Nitrogen Increased	1.78 - 7.14
		Unscheduled	2020-06-24 15:38 (-6)	5.35		1.78 - 7.14
		Day 29	2020-07-28 15:35 (29)	5.35		1.78 - 7.14
		Day 57	2020-08-31 11:32 (35)	5.00		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-22 13:52 (-8)	28.0 (H)		7.8 - 26.7
		Unscheduled	2020-06-24 15:38 (-6)	18.8		7.8 - 26.7
		Day 29	2020-07-28 15:35 (29)	18.8		7.8 - 26.7
		Day 57	2020-08-31 11:32 (35)	17.5		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071006	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-25 11:08 (-8)	34.5		25.1 - 36.5
		Day 29	2020-07-01 08:45 (30)	36.3		25.1 - 36.5
		Day 57	2020-07-27 08:37 (27)	37.8 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-05-25 11:08 (-8)	14		10 - 33
		Day 29	2020-07-01 08:45 (30)	16		10 - 33
		Day 57	2020-07-27 08:37 (27)	16		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-25 11:08 (-8)	61		30 - 115
		Day 29	2020-07-01 08:45 (30)	57		30 - 115
		Day 57	2020-07-27 08:37 (27)	68		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-25 11:08 (-8)	22		10 - 36
		Day 29	2020-07-01 08:45 (30)	23		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071006	Aspartate Aminotransferase (U/L)	Day 57	2020-07-27 08:37 (27)	20		10 - 36
	Basophils (10^9/L)	Screening	2020-05-25 11:08 (-8)	0.05		0 - 0.3
		Day 29	2020-07-01 08:45 (30)	0.05		0 - 0.3
		Day 57	2020-07-27 08:37 (27)	0.05		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-25 11:08 (-8)	0.9		0 - 3
		Day 29	2020-07-01 08:45 (30)	1.0		0 - 3
		Day 57	2020-07-27 08:37 (27)	1.0		0 - 3
	Bilirubin (umol/L)	Screening	2020-05-25 11:08 (-8)	7.0		- 18.8
		Day 29	2020-07-01 08:45 (30)	7.0		- 18.8
		Day 57	2020-07-27 08:37 (27)	5.3		- 18.8
	Creatinine (umol/L)	Screening	2020-05-25 11:08 (-8)	71		62 - 124
		Day 29	2020-07-01 08:45 (30)	88		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071006	Creatinine (umol/L)	Day 57	2020-07-27 08:37 (27)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-25 11:08 (-8)	<3.4		0 - 6.8
		Day 29	2020-07-01 08:45 (30)	<3.4		0 - 6.8
		Day 57	2020-07-27 08:37 (27)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-05-25 11:08 (-8)	0.12		0 - 0.8
		Day 29	2020-07-01 08:45 (30)	0.19		0 - 0.8
		Day 57	2020-07-27 08:37 (27)	0.21		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-25 11:08 (-8)	2.1		0 - 7
		Day 29	2020-07-01 08:45 (30)	3.9		0 - 7
		Day 57	2020-07-27 08:37 (27)	4.2		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-25 11:08 (-8)	4.28		3.7 - 5.2
		Day 29	2020-07-01 08:45 (30)	4.44		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071006	Erythrocytes (10^12/L)	Day 57	2020-07-27 08:37 (27)	4.36		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-25 11:08 (-8)	0.473 (H)		0.33 - 0.47
		Day 29	2020-07-01 08:45 (30)	0.471 (H)		0.33 - 0.47
		Day 57	2020-07-27 08:37 (27)	0.473 (H)		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-25 11:08 (-8)	137		110 - 155
		Day 29	2020-07-01 08:45 (30)	140		110 - 155
		Day 57	2020-07-27 08:37 (27)	136	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-25 11:08 (-8)	<0.03		0 - 0.07
		Day 29	2020-07-01 08:45 (30)	<0.03		0 - 0.07
		Day 57	2020-07-27 08:37 (27)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-25 11:08 (-8)	0.3		0 - 1
		Day 29	2020-07-01 08:45 (30)	0.2		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071006	Immature Granulocytes/Leukocytes (%)	Day 57	2020-07-27 08:37 (27)	0.0		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-25 11:08 (-8)	5.75		3.7 - 11
		Day 29	2020-07-01 08:45 (30)	4.83		3.7 - 11
		Day 57	2020-07-27 08:37 (27)	5.01		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-25 11:08 (-8)	1.30		0.9 - 3.6
		Day 29	2020-07-01 08:45 (30)	1.31		0.9 - 3.6
		Day 57	2020-07-27 08:37 (27)	1.44		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-25 11:08 (-8)	22.6		12 - 46
		Day 29	2020-07-01 08:45 (30)	27.1		12 - 46
		Day 57	2020-07-27 08:37 (27)	28.7		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-25 11:08 (-8)	0.34		0 - 1.2
		Day 29	2020-07-01 08:45 (30)	0.32		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071006	Monocytes (10^9/L)	Day 57	2020-07-27 08:37 (27)	0.32		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-25 11:08 (-8)	5.9		0 - 11
		Day 29	2020-07-01 08:45 (30)	6.6		0 - 11
		Day 57	2020-07-27 08:37 (27)	6.4		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-25 11:08 (-8)	3.92		1.7 - 7.9
		Day 29	2020-07-01 08:45 (30)	2.95		1.7 - 7.9
		Day 57	2020-07-27 08:37 (27)	2.99		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-25 11:08 (-8)	68.2		34 - 71
		Day 29	2020-07-01 08:45 (30)	61.2		34 - 71
		Day 57	2020-07-27 08:37 (27)	59.7		34 - 71
	Platelets (10^9/L)	Screening	2020-05-25 11:08 (-8)	222		163 - 375
		Day 29	2020-07-01 08:45 (30)	237		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071006	Platelets (10^9/L)	Day 57	2020-07-27 08:37 (27)	233		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-25 11:08 (-8)	1.0		0.9 - 1.1
		Day 29	2020-07-01 08:45 (30)	1.0		0.9 - 1.1
		Day 57	2020-07-27 08:37 (27)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-25 11:08 (-8)	11.9		9.4 - 12.5
		Day 29	2020-07-01 08:45 (30)	11.5		9.4 - 12.5
		Day 57	2020-07-27 08:37 (27)	12.7 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-05-25 11:08 (-8)	3.93		1.78 - 7.14
		Day 29	2020-07-01 08:45 (30)	3.93		1.78 - 7.14
		Day 57	2020-07-27 08:37 (27)	4.28		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-25 11:08 (-8)	13.8		7.8 - 26.7
		Day 29	2020-07-01 08:45 (30)	11.0		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071006	Urea Nitrogen/Creatinine	Day 57	2020-07-27 08:37 (27)	15.0		7.8 - 26.7
US2071013	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-25 15:42 (-8)	31.7		25.1 - 36.5
		Day 29	2020-07-09 14:32 (38)	26.9		25.1 - 36.5
		Day 57	2020-08-03 15:27 (26)	46.2 (H)	G2 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-05-25 15:42 (-8)	19		10 - 33
		Day 29	2020-07-09 14:32 (38)	18		10 - 33
		Day 57	2020-08-03 15:27 (26)	15		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-25 15:42 (-8)	99		30 - 115
		Day 29	2020-07-09 14:32 (38)	90		30 - 115
		Day 57	2020-08-03 15:27 (26)	94		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-25 15:42 (-8)	22		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071013	Aspartate Aminotransferase (U/L)	Day 29	2020-07-09 14:32 (38)	18		10 - 36
		Day 57	2020-08-03 15:27 (26)	18		10 - 36
	Basophils (10^9/L)	Screening	2020-05-25 15:42 (-8)	<0.03		0 - 0.3
		Day 29	2020-07-09 14:32 (38)	<0.03		0 - 0.3
		Day 57	2020-08-03 15:27 (26)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-25 15:42 (-8)	0.5		0 - 3
		Day 29	2020-07-09 14:32 (38)	0.2		0 - 3
		Day 57	2020-08-03 15:27 (26)	0.2		0 - 3
	Bilirubin (umol/L)	Screening	2020-05-25 15:42 (-8)	6.2		- 18.8
		Day 29	2020-07-09 14:32 (38)	8.0		- 18.8
		Day 57	2020-08-03 15:27 (26)	7.0		- 18.8
	Creatinine (umol/L)	Screening	2020-05-25 15:42 (-8)	62		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071013	Creatinine (umol/L)	Day 29	2020-07-09 14:32 (38)	71		62 - 124
		Day 57	2020-08-03 15:27 (26)	88		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-25 15:42 (-8)	<3.4		0 - 6.8
		Day 29	2020-07-09 14:32 (38)	<3.4		0 - 6.8
		Day 57	2020-08-03 15:27 (26)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-05-25 15:42 (-8)	0.03		0 - 0.8
		Day 29	2020-07-09 14:32 (38)	0.05		0 - 0.8
		Day 57	2020-08-03 15:27 (26)	0.04		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-25 15:42 (-8)	0.7		0 - 7
		Day 29	2020-07-09 14:32 (38)	1.0		0 - 7
		Day 57	2020-08-03 15:27 (26)	0.8		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-25 15:42 (-8)	5.30 (H)		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071013	Erythrocytes (10^12/L)	Day 29	2020-07-09 14:32 (38)	5.10		3.7 - 5.2
		Day 57	2020-08-03 15:27 (26)	5.29 (H)		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-25 15:42 (-8)	0.544 (H)		0.33 - 0.47
		Day 29	2020-07-09 14:32 (38)	0.512 (H)		0.33 - 0.47
		Day 57	2020-08-03 15:27 (26)	0.511 (H)		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-25 15:42 (-8)	164 (H)		110 - 155
		Day 29	2020-07-09 14:32 (38)	158 (H)	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-03 15:27 (26)	163 (H)	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-25 15:42 (-8)	<0.03		0 - 0.07
		Day 29	2020-07-09 14:32 (38)	<0.03		0 - 0.07
		Day 57	2020-08-03 15:27 (26)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-25 15:42 (-8)	0.2		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071013	Immature Granulocytes/Leukocytes (%)	Day 29	2020-07-09 14:32 (38)	0.4		0 - 1
		Day 57	2020-08-03 15:27 (26)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-25 15:42 (-8)	4.03		3.7 - 11
		Day 29	2020-07-09 14:32 (38)	4.81		3.7 - 11
		Day 57	2020-08-03 15:27 (26)	4.97		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-25 15:42 (-8)	1.27		0.9 - 3.6
		Day 29	2020-07-09 14:32 (38)	1.29		0.9 - 3.6
		Day 57	2020-08-03 15:27 (26)	1.45		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-25 15:42 (-8)	31.5		12 - 46
		Day 29	2020-07-09 14:32 (38)	26.8		12 - 46
		Day 57	2020-08-03 15:27 (26)	29.2		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-25 15:42 (-8)	0.39		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071013	Monocytes (10^9/L)	Day 29	2020-07-09 14:32 (38)	0.38		0 - 1.2
		Day 57	2020-08-03 15:27 (26)	0.30		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-25 15:42 (-8)	9.7		0 - 11
		Day 29	2020-07-09 14:32 (38)	7.9		0 - 11
		Day 57	2020-08-03 15:27 (26)	6.0		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-25 15:42 (-8)	2.31		1.7 - 7.9
		Day 29	2020-07-09 14:32 (38)	3.06		1.7 - 7.9
		Day 57	2020-08-03 15:27 (26)	3.16		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-25 15:42 (-8)	57.4		34 - 71
		Day 29	2020-07-09 14:32 (38)	63.7		34 - 71
		Day 57	2020-08-03 15:27 (26)	63.6		34 - 71
	Platelets (10^9/L)	Screening	2020-05-25 15:42 (-8)	229		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071013	Platelets (10^9/L)	Day 29	2020-07-09 14:32 (38)	212		163 - 375
		Day 57	2020-08-03 15:27 (26)	212		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-25 15:42 (-8)	0.9		0.9 - 1.1
		Day 29	2020-07-09 14:32 (38)	0.9		0.9 - 1.1
		Day 57	2020-08-03 15:27 (26)	1.1		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-25 15:42 (-8)	10.8		9.4 - 12.5
		Day 29	2020-07-09 14:32 (38)	11.0		9.4 - 12.5
		Day 57	2020-08-03 15:27 (26)	13.6 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-05-25 15:42 (-8)	4.64		1.78 - 7.14
		Day 29	2020-07-09 14:32 (38)	6.78		1.78 - 7.14
		Day 57	2020-08-03 15:27 (26)	4.64		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-25 15:42 (-8)	18.6		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071013	Urea Nitrogen/Creatinine	Day 29	2020-07-09 14:32 (38)	23.8		7.8 - 26.7
		Day 57	2020-08-03 15:27 (26)	13.0		7.8 - 26.7
US2071037	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-27 12:34 (-7)	35.5		25.1 - 36.5
		Day 29	2020-07-07 13:32 (35)	30.6		25.1 - 36.5
		Day 57	2020-08-03 10:22 (28)	28.8		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-05-27 12:34 (-7)	18		10 - 40
		Day 29	2020-07-07 13:32 (35)	16		10 - 40
		Day 57	2020-08-03 10:22 (28)	19		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-05-27 12:34 (-7)	94		43 - 115
		Day 29	2020-07-07 13:32 (35)	91		43 - 115
		Day 57	2020-08-03 10:22 (28)	93		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-27 12:34 (-7)	22		10 - 43

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071037	Aspartate Aminotransferase (U/L)	Day 29	2020-07-07 13:32 (35)	22		10 - 43
		Day 57	2020-08-03 10:22 (28)	18		10 - 43
	Basophils (10^9/L)	Screening	2020-05-27 12:34 (-7)	<0.03		0 - 0.3
		Day 29	2020-07-07 13:32 (35)	<0.03		0 - 0.3
		Day 57	2020-08-03 10:22 (28)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-27 12:34 (-7)	0.3		0 - 3
		Day 29	2020-07-07 13:32 (35)	0.4		0 - 3
		Day 57	2020-08-03 10:22 (28)	0.3		0 - 3
	Bilirubin (umol/L)	Screening	2020-05-27 12:34 (-7)	7.7		- 18.8
		Day 29	2020-07-07 13:32 (35)	7.7		- 18.8
		Day 57	2020-08-03 10:22 (28)	5.6		- 18.8
	Creatinine (umol/L)	Screening	2020-05-27 12:34 (-7)	71		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071037	Creatinine (umol/L)	Day 29	2020-07-07 13:32 (35)	80		62 - 124
		Day 57	2020-08-03 10:22 (28)	80		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-27 12:34 (-7)	<3.4		0 - 6.8
		Day 29	2020-07-07 13:32 (35)	<3.4		0 - 6.8
		Day 57	2020-08-03 10:22 (28)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-05-27 12:34 (-7)	0.22		0 - 0.8
		Day 29	2020-07-07 13:32 (35)	0.15		0 - 0.8
		Day 57	2020-08-03 10:22 (28)	0.13		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-27 12:34 (-7)	3.3		0 - 7
		Day 29	2020-07-07 13:32 (35)	2.7		0 - 7
		Day 57	2020-08-03 10:22 (28)	2.0		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-27 12:34 (-7)	4.95		4.63 - 6.08

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071037	Erythrocytes (10^12/L)	Day 29	2020-07-07 13:32 (35)	4.85		4.63 - 6.08
		Day 57	2020-08-03 10:22 (28)	5.08		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-05-27 12:34 (-7)	0.460		0.37 - 0.51
		Day 29	2020-07-07 13:32 (35)	0.467		0.37 - 0.51
		Day 57	2020-08-03 10:22 (28)	0.497		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-05-27 12:34 (-7)	149		125 - 170
		Day 29	2020-07-07 13:32 (35)	145	G1 Hemoglobin Decreased	125 - 170
		Day 57	2020-08-03 10:22 (28)	152		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-05-27 12:34 (-7)	<0.03		0 - 0.07
		Day 29	2020-07-07 13:32 (35)	<0.03		0 - 0.07
		Day 57	2020-08-03 10:22 (28)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-27 12:34 (-7)	0.3		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071037	Immature Granulocytes/Leukocytes (%)	Day 29	2020-07-07 13:32 (35)	0.2		0 - 1
		Day 57	2020-08-03 10:22 (28)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-27 12:34 (-7)	6.58		3.7 - 11
		Day 29	2020-07-07 13:32 (35)	5.47		3.7 - 11
		Day 57	2020-08-03 10:22 (28)	6.37		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-27 12:34 (-7)	1.84		0.9 - 3.6
		Day 29	2020-07-07 13:32 (35)	1.43		0.9 - 3.6
		Day 57	2020-08-03 10:22 (28)	1.30		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-27 12:34 (-7)	28.0		12 - 46
		Day 29	2020-07-07 13:32 (35)	26.1		12 - 46
		Day 57	2020-08-03 10:22 (28)	20.4		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-27 12:34 (-7)	0.50		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071037	Monocytes (10^9/L)	Day 29	2020-07-07 13:32 (35)	0.43		0 - 1.2
		Day 57	2020-08-03 10:22 (28)	0.42		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-27 12:34 (-7)	7.6		0 - 11
		Day 29	2020-07-07 13:32 (35)	7.9		0 - 11
		Day 57	2020-08-03 10:22 (28)	6.6		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-27 12:34 (-7)	3.98		1.7 - 7.9
		Day 29	2020-07-07 13:32 (35)	3.43		1.7 - 7.9
		Day 57	2020-08-03 10:22 (28)	4.48		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-27 12:34 (-7)	60.5		34 - 71
		Day 29	2020-07-07 13:32 (35)	62.7		34 - 71
		Day 57	2020-08-03 10:22 (28)	70.4		34 - 71
	Platelets (10^9/L)	Screening	2020-05-27 12:34 (-7)	213		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071037	Platelets (10^9/L)	Day 29	2020-07-07 13:32 (35)	211		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-27 12:34 (-7)	1.0		0.9 - 1.1
		Day 29	2020-07-07 13:32 (35)	1.1		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-27 12:34 (-7)	11.9		9.4 - 12.5
		Day 29	2020-07-07 13:32 (35)	12.3		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-05-27 12:34 (-7)	4.64		1.78 - 7.14
		Day 29	2020-07-07 13:32 (35)	6.07		1.78 - 7.14
		Day 57	2020-08-03 10:22 (28)	5.71		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-27 12:34 (-7)	16.2		7.8 - 26.7
		Day 29	2020-07-07 13:32 (35)	18.9		7.8 - 26.7
		Day 57	2020-08-03 10:22 (28)	17.8		7.8 - 26.7
US2071043	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-28 13:32 (-6)	34.9		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071043	Activated Partial Thromboplastin Time (sec)	Day 29	2020-07-06 11:20 (34)	33.5		25.1 - 36.5
		Day 57	2020-08-03 11:36 (29)	41.6 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-05-28 13:32 (-6)	9 (L)		10 - 33
		Day 29	2020-07-06 11:20 (34)	9 (L)		10 - 33
		Day 57	2020-08-03 11:36 (29)	10		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-28 13:32 (-6)	73		30 - 115
		Day 29	2020-07-06 11:20 (34)	63		30 - 115
		Day 57	2020-08-03 11:36 (29)	59		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-28 13:32 (-6)	14		10 - 36
		Day 29	2020-07-06 11:20 (34)	14		10 - 36
		Day 57	2020-08-03 11:36 (29)	11		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071043	Basophils (10^9/L)	Screening	2020-05-28 13:32 (-6)	0.04		0 - 0.3
		Day 29	2020-07-06 11:20 (34)	0.04		0 - 0.3
		Day 57	2020-08-03 11:36 (29)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-28 13:32 (-6)	0.8		0 - 3
		Day 29	2020-07-06 11:20 (34)	0.9		0 - 3
		Day 57	2020-08-03 11:36 (29)	1.0		0 - 3
	Bilirubin (umol/L)	Screening	2020-05-28 13:32 (-6)	3.6		- 18.8
		Day 29	2020-07-06 11:20 (34)	2.9		- 18.8
		Day 57	2020-08-03 11:36 (29)	5.3		- 18.8
	Creatinine (umol/L)	Screening	2020-05-28 13:32 (-6)	44 (L)		62 - 124
		Day 29	2020-07-06 11:20 (34)	53 (L)		62 - 124
		Day 57	2020-08-03 11:36 (29)	53 (L)		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071043	Direct Bilirubin (umol/L)	Screening	2020-05-28 13:32 (-6)	<3.4		0 - 6.8
		Day 29	2020-07-06 11:20 (34)	<3.4		0 - 6.8
		Day 57	2020-08-03 11:36 (29)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-05-28 13:32 (-6)	0.06		0 - 0.8
		Day 29	2020-07-06 11:20 (34)	0.10		0 - 0.8
		Day 57	2020-08-03 11:36 (29)	0.07		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-28 13:32 (-6)	1.2		0 - 7
		Day 29	2020-07-06 11:20 (34)	2.3		0 - 7
		Day 57	2020-08-03 11:36 (29)	1.8		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-28 13:32 (-6)	4.89		3.7 - 5.2
		Day 29	2020-07-06 11:20 (34)	4.55		3.7 - 5.2
		Day 57	2020-08-03 11:36 (29)	4.65		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071043	Hematocrit (L/L)	Screening	2020-05-28 13:32 (-6)	0.498 (H)		0.33 - 0.47
		Day 29	2020-07-06 11:20 (34)	0.454		0.33 - 0.47
		Day 57	2020-08-03 11:36 (29)	0.450		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-28 13:32 (-6)	145		110 - 155
		Day 29	2020-07-06 11:20 (34)	133	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-03 11:36 (29)	137	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-28 13:32 (-6)	0.03		0 - 0.07
		Day 29	2020-07-06 11:20 (34)	<0.03		0 - 0.07
		Day 57	2020-08-03 11:36 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-28 13:32 (-6)	0.6		0 - 1
		Day 29	2020-07-06 11:20 (34)	0.5		0 - 1
		Day 57	2020-08-03 11:36 (29)	0.3		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071043	Leukocytes (10^9/L)	Screening	2020-05-28 13:32 (-6)	5.04		3.7 - 11
		Day 29	2020-07-06 11:20 (34)	4.37		3.7 - 11
		Day 57	2020-08-03 11:36 (29)	3.88		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-28 13:32 (-6)	1.17		0.9 - 3.6
		Day 29	2020-07-06 11:20 (34)	1.18		0.9 - 3.6
		Day 57	2020-08-03 11:36 (29)	1.13		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-28 13:32 (-6)	23.2		12 - 46
		Day 29	2020-07-06 11:20 (34)	27.0		12 - 46
		Day 57	2020-08-03 11:36 (29)	29.1		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-28 13:32 (-6)	0.30		0 - 1.2
		Day 29	2020-07-06 11:20 (34)	0.50		0 - 1.2
		Day 57	2020-08-03 11:36 (29)	0.41		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071043	Monocytes/Leukocytes (%)	Screening	2020-05-28 13:32 (-6)	6.0		0 - 11
		Day 29	2020-07-06 11:20 (34)	11.4 (H)		0 - 11
		Day 57	2020-08-03 11:36 (29)	10.6		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-28 13:32 (-6)	3.44		1.7 - 7.9
		Day 29	2020-07-06 11:20 (34)	2.53		1.7 - 7.9
		Day 57	2020-08-03 11:36 (29)	2.22		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-28 13:32 (-6)	68.2		34 - 71
		Day 29	2020-07-06 11:20 (34)	57.9		34 - 71
		Day 57	2020-08-03 11:36 (29)	57.2		34 - 71
	Platelets (10^9/L)	Screening	2020-05-28 13:32 (-6)	301		163 - 375
		Day 29	2020-07-06 11:20 (34)	239		163 - 375
		Day 57	2020-08-03 11:36 (29)	245		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071043	Prothrombin Intl. Normalized Ratio	Screening	2020-05-28 13:32 (-6)	0.8 (L)		0.9 - 1.1
		Day 29	2020-07-06 11:20 (34)	0.9		0.9 - 1.1
		Day 57	2020-08-03 11:36 (29)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-28 13:32 (-6)	9.8		9.4 - 12.5
		Day 29	2020-07-06 11:20 (34)	10.5		9.4 - 12.5
		Day 57	2020-08-03 11:36 (29)	11.2		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-05-28 13:32 (-6)	6.07		1.78 - 7.14
		Day 29	2020-07-06 11:20 (34)	5.71		1.78 - 7.14
		Day 57	2020-08-03 11:36 (29)	4.64		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-28 13:32 (-6)	34.0 (H)		7.8 - 26.7
		Day 29	2020-07-06 11:20 (34)	26.7		7.8 - 26.7
		Day 57	2020-08-03 11:36 (29)	21.7		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071082	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-15 09:36 (-11)	34.3		25.1 - 36.5
		Day 29	2020-07-28 09:17 (33)	35.8		25.1 - 36.5
		Day 57	2020-08-26 11:47 (30)	34.0		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-15 09:36 (-11)	24		10 - 40
		Day 29	2020-07-28 09:17 (33)	23		10 - 40
		Day 57	2020-08-26 11:47 (30)	21		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-15 09:36 (-11)	43		43 - 115
		Day 29	2020-07-28 09:17 (33)	43		43 - 115
		Day 57	2020-08-26 11:47 (30)	45		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-15 09:36 (-11)	20		10 - 43
		Day 29	2020-07-28 09:17 (33)	23		10 - 43
		Day 57	2020-08-26 11:47 (30)	22		10 - 43

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071082	Basophils (10^9/L)	Screening	2020-06-15 09:36 (-11)	<0.03		0 - 0.3
		Day 29	2020-07-28 09:17 (33)	0.03		0 - 0.3
		Day 57	2020-08-26 11:47 (30)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-15 09:36 (-11)	0.5		0 - 3
		Day 29	2020-07-28 09:17 (33)	0.7		0 - 3
		Day 57	2020-08-26 11:47 (30)	0.6		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-15 09:36 (-11)	9.9		- 18.8
		Day 29	2020-07-28 09:17 (33)	4.6		- 18.8
		Day 57	2020-08-26 11:47 (30)	6.3		- 18.8
	Creatinine (umol/L)	Screening	2020-06-15 09:36 (-11)	88		62 - 124
		Day 29	2020-07-28 09:17 (33)	80		62 - 124
		Day 57	2020-08-26 11:47 (30)	80		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071082	Direct Bilirubin (umol/L)	Screening	2020-06-15 09:36 (-11)	<3.4		0 - 6.8
		Day 29	2020-07-28 09:17 (33)	<3.4		0 - 6.8
		Day 57	2020-08-26 11:47 (30)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-15 09:36 (-11)	0.23		0 - 0.8
		Day 29	2020-07-28 09:17 (33)	0.22		0 - 0.8
		Day 57	2020-08-26 11:47 (30)	0.22		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-15 09:36 (-11)	6.1		0 - 7
		Day 29	2020-07-28 09:17 (33)	5.1		0 - 7
		Day 57	2020-08-26 11:47 (30)	4.2		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-15 09:36 (-11)	5.31		4.63 - 6.08
		Day 29	2020-07-28 09:17 (33)	5.04		4.63 - 6.08
		Day 57	2020-08-26 11:47 (30)	5.31		4.63 - 6.08

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071082	Hematocrit (L/L)	Screening	2020-06-15 09:36 (-11)	0.496		0.37 - 0.51
		Day 29	2020-07-28 09:17 (33)	0.491		0.37 - 0.51
		Day 57	2020-08-26 11:47 (30)	0.516 (H)		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-15 09:36 (-11)	159		125 - 170
		Day 29	2020-07-28 09:17 (33)	151	G1 Hemoglobin Decreased	125 - 170
		Day 57	2020-08-26 11:47 (30)	161		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-15 09:36 (-11)	<0.03		0 - 0.07
		Day 29	2020-07-28 09:17 (33)	<0.03		0 - 0.07
		Day 57	2020-08-26 11:47 (30)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-15 09:36 (-11)	0.5		0 - 1
		Day 29	2020-07-28 09:17 (33)	0.5		0 - 1
		Day 57	2020-08-26 11:47 (30)	0.2		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071082	Leukocytes (10^9/L)	Screening	2020-06-15 09:36 (-11)	3.77		3.7 - 11
		Day 29	2020-07-28 09:17 (33)	4.35		3.7 - 11
		Day 57	2020-08-26 11:47 (30)	5.21		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-15 09:36 (-11)	0.78 (L)	G1 Lymphocytes Decreased	0.9 - 3.6
		Day 29	2020-07-28 09:17 (33)	0.82 (L)	G1 Lymphocytes Decreased	0.9 - 3.6
		Day 57	2020-08-26 11:47 (30)	0.90	G1 Lymphocytes Decreased	0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-15 09:36 (-11)	20.7		12 - 46
		Day 29	2020-07-28 09:17 (33)	18.9		12 - 46
		Day 57	2020-08-26 11:47 (30)	17.3		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-15 09:36 (-11)	0.41		0 - 1.2
		Day 29	2020-07-28 09:17 (33)	0.38		0 - 1.2
		Day 57	2020-08-26 11:47 (30)	0.46		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071082	Monocytes/Leukocytes (%)	Screening	2020-06-15 09:36 (-11)	10.9		0 - 11
		Day 29	2020-07-28 09:17 (33)	8.7		0 - 11
		Day 57	2020-08-26 11:47 (30)	8.8		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-15 09:36 (-11)	2.31		1.7 - 7.9
		Day 29	2020-07-28 09:17 (33)	2.88		1.7 - 7.9
		Day 57	2020-08-26 11:47 (30)	3.59		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-15 09:36 (-11)	61.3		34 - 71
		Day 29	2020-07-28 09:17 (33)	66.1		34 - 71
		Day 57	2020-08-26 11:47 (30)	68.9		34 - 71
	Platelets (10^9/L)	Screening	2020-06-15 09:36 (-11)	156 (L)		163 - 375
		Day 29	2020-07-28 09:17 (33)	152 (L)		163 - 375
		Day 57	2020-08-26 11:47 (30)	167		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071082	Prothrombin Intl. Normalized Ratio	Screening	2020-06-15 09:36 (-11)	1.1		0.9 - 1.1
		Day 29	2020-07-28 09:17 (33)	1.0		0.9 - 1.1
		Day 57	2020-08-26 11:47 (30)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-15 09:36 (-11)	12.2		9.4 - 12.5
		Day 29	2020-07-28 09:17 (33)	12.4		9.4 - 12.5
		Day 57	2020-08-26 11:47 (30)	12.2		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-15 09:36 (-11)	7.50 (H)		1.78 - 7.14
		Day 29	2020-07-28 09:17 (33)	6.78		1.78 - 7.14
		Day 57	2020-08-26 11:47 (30)	8.57 (H)	G1 Blood Urea Nitrogen Increased	1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-15 09:36 (-11)	21.0		7.8 - 26.7
		Day 29	2020-07-28 09:17 (33)	21.1		7.8 - 26.7
		Day 57	2020-08-26 11:47 (30)	26.7		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071087	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-18 12:36 (-8)	36.4		25.1 - 36.5
		Day 29	2020-07-30 10:30 (35)	38.5 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
		Day 57	2020-08-28 10:18 (30)	44.2 (H)	G2 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-18 12:36 (-8)	15		10 - 33
		Day 29	2020-07-30 10:30 (35)	20		10 - 33
		Day 57	2020-08-28 10:18 (30)	21		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-18 12:36 (-8)	63		30 - 115
		Day 29	2020-07-30 10:30 (35)	61		30 - 115
		Day 57	2020-08-28 10:18 (30)	64		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-18 12:36 (-8)	26		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071087	Aspartate Aminotransferase (U/L)	Day 29	2020-07-30 10:30 (35)	25		10 - 36
		Day 57	2020-08-28 10:18 (30)	27		10 - 36
	Basophils (10^9/L)	Screening	2020-06-18 12:36 (-8)	0.04		0 - 0.3
		Day 29	2020-07-30 10:30 (35)	0.04		0 - 0.3
		Day 57	2020-08-28 10:18 (30)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-18 12:36 (-8)	0.8		0 - 3
		Day 29	2020-07-30 10:30 (35)	0.9		0 - 3
		Day 57	2020-08-28 10:18 (30)	0.6		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-18 12:36 (-8)	3.9		- 18.8
		Day 29	2020-07-30 10:30 (35)	3.9		- 18.8
		Day 57	2020-08-28 10:18 (30)	5.0		- 18.8
	Creatinine (umol/L)	Screening	2020-06-18 12:36 (-8)	62		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071087	Creatinine (umol/L)	Day 29	2020-07-30 10:30 (35)	62		62 - 124
		Day 57	2020-08-28 10:18 (30)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-18 12:36 (-8)	<3.4		0 - 6.8
		Day 29	2020-07-30 10:30 (35)	<3.4		0 - 6.8
		Day 57	2020-08-28 10:18 (30)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-18 12:36 (-8)	0.08		0 - 0.8
		Day 29	2020-07-30 10:30 (35)	0.09		0 - 0.8
		Day 57	2020-08-28 10:18 (30)	0.10		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-18 12:36 (-8)	1.7		0 - 7
		Day 29	2020-07-30 10:30 (35)	2.1		0 - 7
		Day 57	2020-08-28 10:18 (30)	2.1		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-18 12:36 (-8)	4.31		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071087	Erythrocytes (10^12/L)	Day 29	2020-07-30 10:30 (35)	3.99		3.7 - 5.2
		Day 57	2020-08-28 10:18 (30)	3.90		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-18 12:36 (-8)	0.430		0.33 - 0.47
		Day 29	2020-07-30 10:30 (35)	0.406		0.33 - 0.47
		Day 57	2020-08-28 10:18 (30)	0.394		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-18 12:36 (-8)	125		110 - 155
		Day 29	2020-07-30 10:30 (35)	114	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-28 10:18 (30)	111	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-18 12:36 (-8)	<0.03		0 - 0.07
		Day 29	2020-07-30 10:30 (35)	<0.03		0 - 0.07
		Day 57	2020-08-28 10:18 (30)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-18 12:36 (-8)	0.2		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071087	Immature Granulocytes/Leukocytes (%)	Day 29	2020-07-30 10:30 (35)	0.2		0 - 1
		Day 57	2020-08-28 10:18 (30)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-18 12:36 (-8)	4.74		3.7 - 11
		Day 29	2020-07-30 10:30 (35)	4.33		3.7 - 11
		Day 57	2020-08-28 10:18 (30)	4.80		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-18 12:36 (-8)	1.38		0.9 - 3.6
		Day 29	2020-07-30 10:30 (35)	1.40		0.9 - 3.6
		Day 57	2020-08-28 10:18 (30)	1.63		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-18 12:36 (-8)	29.1		12 - 46
		Day 29	2020-07-30 10:30 (35)	32.3		12 - 46
		Day 57	2020-08-28 10:18 (30)	34.0		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-18 12:36 (-8)	0.40		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071087	Monocytes (10^9/L)	Day 29	2020-07-30 10:30 (35)	0.41		0 - 1.2
		Day 57	2020-08-28 10:18 (30)	0.44		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-18 12:36 (-8)	8.4		0 - 11
		Day 29	2020-07-30 10:30 (35)	9.5		0 - 11
		Day 57	2020-08-28 10:18 (30)	9.2		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-18 12:36 (-8)	2.83		1.7 - 7.9
		Day 29	2020-07-30 10:30 (35)	2.38		1.7 - 7.9
		Day 57	2020-08-28 10:18 (30)	2.59		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-18 12:36 (-8)	59.8		34 - 71
		Day 29	2020-07-30 10:30 (35)	55.0		34 - 71
		Day 57	2020-08-28 10:18 (30)	53.9		34 - 71
	Platelets (10^9/L)	Day 29	2020-07-30 10:30 (35)	127 (L)	G1 Platelets Decreased	163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071087	Platelets (10^9/L)	Day 57	2020-08-28 10:18 (30)	130 (L)	G1 Platelets Decreased	163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-18 12:36 (-8)	1.0		0.9 - 1.1
		Day 29	2020-07-30 10:30 (35)	1.0		0.9 - 1.1
		Day 57	2020-08-28 10:18 (30)	1.2 (H)		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-18 12:36 (-8)	11.6		9.4 - 12.5
		Day 29	2020-07-30 10:30 (35)	12.2		9.4 - 12.5
		Day 57	2020-08-28 10:18 (30)	14.0 (H)	G2 Prothrombin Time Increased	9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-18 12:36 (-8)	4.64		1.78 - 7.14
		Day 29	2020-07-30 10:30 (35)	3.93		1.78 - 7.14
		Day 57	2020-08-28 10:18 (30)	4.64		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-18 12:36 (-8)	18.6		7.8 - 26.7
		Day 29	2020-07-30 10:30 (35)	15.7		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071087	Urea Nitrogen/Creatinine	Day 57	2020-08-28 10:18 (30)	18.6		7.8 - 26.7
US2071089	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-18 12:20 (-8)	29.9		25.1 - 36.5
		Day 29	2020-07-29 15:06 (34)	29.8		25.1 - 36.5
		Day 57	2020-08-27 10:27 (30)	39.9 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-18 12:20 (-8)	18		10 - 33
		Day 29	2020-07-29 15:06 (34)	19		10 - 33
		Day 57	2020-08-27 10:27 (30)	24		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-18 12:20 (-8)	102		30 - 115
		Day 29	2020-07-29 15:06 (34)	100		30 - 115
		Day 57	2020-08-27 10:27 (30)	107		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-18 12:20 (-8)	23		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071089	Aspartate Aminotransferase (U/L)	Day 29	2020-07-29 15:06 (34)	21		10 - 36
		Day 57	2020-08-27 10:27 (30)	22		10 - 36
	Basophils (10^9/L)	Screening	2020-06-18 12:20 (-8)	0.05		0 - 0.3
		Day 29	2020-07-29 15:06 (34)	0.07		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-18 12:20 (-8)	0.5		0 - 3
		Day 29	2020-07-29 15:06 (34)	0.8		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-18 12:20 (-8)	5.5		- 18.8
		Day 29	2020-07-29 15:06 (34)	4.6		- 18.8
		Day 57	2020-08-27 10:27 (30)	7.0		- 18.8
	Creatinine (umol/L)	Screening	2020-06-18 12:20 (-8)	71		62 - 124
		Day 29	2020-07-29 15:06 (34)	62		62 - 124
		Day 57	2020-08-27 10:27 (30)	53 (L)		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071089	Direct Bilirubin (umol/L)	Screening	2020-06-18 12:20 (-8)	<3.4		0 - 6.8
		Day 29	2020-07-29 15:06 (34)	<3.4		0 - 6.8
		Day 57	2020-08-27 10:27 (30)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-18 12:20 (-8)	0.12		0 - 0.8
		Day 29	2020-07-29 15:06 (34)	0.09		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-18 12:20 (-8)	1.2		0 - 7
		Day 29	2020-07-29 15:06 (34)	1.0		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-18 12:20 (-8)	5.09		3.7 - 5.2
		Day 29	2020-07-29 15:06 (34)	5.23 (H)		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-18 12:20 (-8)	0.454		0.33 - 0.47
		Day 29	2020-07-29 15:06 (34)	0.474 (H)		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-18 12:20 (-8)	140		110 - 155

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071089	Hemoglobin (g/L)	Day 29	2020-07-29 15:06 (34)	142		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-18 12:20 (-8)	<0.03		0 - 0.07
		Day 29	2020-07-29 15:06 (34)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-18 12:20 (-8)	0.2		0 - 1
		Day 29	2020-07-29 15:06 (34)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-18 12:20 (-8)	10.22		3.7 - 11
		Day 29	2020-07-29 15:06 (34)	8.89		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-18 12:20 (-8)	2.00		0.9 - 3.6
		Day 29	2020-07-29 15:06 (34)	2.53		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-18 12:20 (-8)	19.6		12 - 46
		Day 29	2020-07-29 15:06 (34)	28.5		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-18 12:20 (-8)	0.86		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071089	Monocytes (10^9/L)	Day 29	2020-07-29 15:06 (34)	0.53		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-18 12:20 (-8)	8.4		0 - 11
		Day 29	2020-07-29 15:06 (34)	6.0		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-18 12:20 (-8)	7.17		1.7 - 7.9
		Day 29	2020-07-29 15:06 (34)	5.65		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-18 12:20 (-8)	70.1		34 - 71
		Day 29	2020-07-29 15:06 (34)	63.5		34 - 71
	Platelets (10^9/L)	Screening	2020-06-18 12:20 (-8)	296		163 - 375
		Day 29	2020-07-29 15:06 (34)	304		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-18 12:20 (-8)	0.9		0.9 - 1.1
		Day 29	2020-07-29 15:06 (34)	1.0		0.9 - 1.1
		Day 57	2020-08-27 10:27 (30)	1.0		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071089	Prothrombin Time (sec)	Screening	2020-06-18 12:20 (-8)	10.5		9.4 - 12.5
		Day 29	2020-07-29 15:06 (34)	12.1		9.4 - 12.5
		Day 57	2020-08-27 10:27 (30)	12.6 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-18 12:20 (-8)	6.07		1.78 - 7.14
		Day 29	2020-07-29 15:06 (34)	5.71		1.78 - 7.14
		Day 57	2020-08-27 10:27 (30)	5.00		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-18 12:20 (-8)	21.2		7.8 - 26.7
		Day 29	2020-07-29 15:06 (34)	22.9		7.8 - 26.7
		Day 57	2020-08-27 10:27 (30)	23.3		7.8 - 26.7
US2071091	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-19 10:06 (-7)	30.1		25.1 - 36.5
		Day 29	2020-07-27 11:08 (32)	28.1		25.1 - 36.5
		Day 57	2020-08-21 09:57 (26)	26.0		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071091	Alanine Aminotransferase (U/L)	Screening	2020-06-19 10:06 (-7)	19		10 - 40
		Day 29	2020-07-27 11:08 (32)	23		10 - 40
		Day 57	2020-08-21 09:57 (26)	25		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-19 10:06 (-7)	83		43 - 115
		Day 29	2020-07-27 11:08 (32)	80		43 - 115
		Day 57	2020-08-21 09:57 (26)	75		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-19 10:06 (-7)	16		10 - 43
		Day 29	2020-07-27 11:08 (32)	24		10 - 43
		Day 57	2020-08-21 09:57 (26)	16		10 - 43
	Basophils (10^9/L)	Screening	2020-06-19 10:06 (-7)	0.03		0 - 0.3
		Day 29	2020-07-27 11:08 (32)	0.03		0 - 0.3
		Day 57	2020-08-21 09:57 (26)	0.03		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071091	Basophils/Leukocytes (%)	Screening	2020-06-19 10:06 (-7)	0.5		0 - 3
		Day 29	2020-07-27 11:08 (32)	0.6		0 - 3
		Day 57	2020-08-21 09:57 (26)	0.6		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-19 10:06 (-7)	7.5		- 18.8
		Day 29	2020-07-27 11:08 (32)	8.0		- 18.8
		Day 57	2020-08-21 09:57 (26)	6.7		- 18.8
	Creatinine (umol/L)	Screening	2020-06-19 10:06 (-7)	80		62 - 124
		Day 29	2020-07-27 11:08 (32)	71		62 - 124
		Day 57	2020-08-21 09:57 (26)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-19 10:06 (-7)	<3.4		0 - 6.8
		Day 29	2020-07-27 11:08 (32)	<3.4		0 - 6.8
		Day 57	2020-08-21 09:57 (26)	<3.4		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071091	Eosinophils (10^9/L)	Screening	2020-06-19 10:06 (-7)	0.06		0 - 0.8
		Day 29	2020-07-27 11:08 (32)	<0.03		0 - 0.8
		Day 57	2020-08-21 09:57 (26)	0.08		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-19 10:06 (-7)	1.1		0 - 7
		Day 29	2020-07-27 11:08 (32)	0.4		0 - 7
		Day 57	2020-08-21 09:57 (26)	1.5		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-19 10:06 (-7)	5.09		4.63 - 6.08
		Day 29	2020-07-27 11:08 (32)	4.89		4.63 - 6.08
		Day 57	2020-08-21 09:57 (26)	5.02		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-19 10:06 (-7)	0.524 (H)		0.37 - 0.51
		Day 29	2020-07-27 11:08 (32)	0.522 (H)		0.37 - 0.51
		Day 57	2020-08-21 09:57 (26)	0.555 (H)		0.37 - 0.51

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071091	Hemoglobin (g/L)	Screening	2020-06-19 10:06 (-7)	166		125 - 170
		Day 29	2020-07-27 11:08 (32)	157	G1 Hemoglobin Decreased	125 - 170
		Day 57	2020-08-21 09:57 (26)	166		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-19 10:06 (-7)	<0.03		0 - 0.07
		Day 29	2020-07-27 11:08 (32)	<0.03		0 - 0.07
		Day 57	2020-08-21 09:57 (26)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-19 10:06 (-7)	0.2		0 - 1
		Day 29	2020-07-27 11:08 (32)	0.2		0 - 1
		Day 57	2020-08-21 09:57 (26)	0.4		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-19 10:06 (-7)	5.49		3.7 - 11
		Day 29	2020-07-27 11:08 (32)	4.78		3.7 - 11
		Day 57	2020-08-21 09:57 (26)	5.35		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071091	Lymphocytes (10^9/L)	Screening	2020-06-19 10:06 (-7)	1.29		0.9 - 3.6
		Day 29	2020-07-27 11:08 (32)	1.15		0.9 - 3.6
		Day 57	2020-08-21 09:57 (26)	1.70		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-19 10:06 (-7)	23.5		12 - 46
		Day 29	2020-07-27 11:08 (32)	24.1		12 - 46
		Day 57	2020-08-21 09:57 (26)	31.8		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-19 10:06 (-7)	0.36		0 - 1.2
		Day 29	2020-07-27 11:08 (32)	0.42		0 - 1.2
		Day 57	2020-08-21 09:57 (26)	0.46		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-19 10:06 (-7)	6.6		0 - 11
		Day 29	2020-07-27 11:08 (32)	8.8		0 - 11
		Day 57	2020-08-21 09:57 (26)	8.6		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071091	Neutrophils (10^9/L)	Screening	2020-06-19 10:06 (-7)	3.74		1.7 - 7.9
		Day 29	2020-07-27 11:08 (32)	3.15		1.7 - 7.9
		Day 57	2020-08-21 09:57 (26)	3.06		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-19 10:06 (-7)	68.1		34 - 71
		Day 29	2020-07-27 11:08 (32)	65.9		34 - 71
		Day 57	2020-08-21 09:57 (26)	57.1		34 - 71
	Platelets (10^9/L)	Screening	2020-06-19 10:06 (-7)	172		163 - 375
		Day 29	2020-07-27 11:08 (32)	173		163 - 375
		Day 57	2020-08-21 09:57 (26)	156 (L)		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-19 10:06 (-7)	1.0		0.9 - 1.1
		Day 29	2020-07-27 11:08 (32)	1.0		0.9 - 1.1
		Day 57	2020-08-21 09:57 (26)	1.0		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071091	Prothrombin Time (sec)	Screening	2020-06-19 10:06 (-7)	11.8		9.4 - 12.5
		Day 29	2020-07-27 11:08 (32)	12.2		9.4 - 12.5
		Day 57	2020-08-21 09:57 (26)	12.4		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-19 10:06 (-7)	3.21		1.78 - 7.14
		Day 29	2020-07-27 11:08 (32)	3.57		1.78 - 7.14
		Day 57	2020-08-21 09:57 (26)	3.93		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-19 10:06 (-7)	10.0		7.8 - 26.7
		Day 29	2020-07-27 11:08 (32)	12.5		7.8 - 26.7
		Day 57	2020-08-21 09:57 (26)	13.8		7.8 - 26.7
US2071093	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-22 09:09 (-7)	43.7 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071093	Activated Partial Thromboplastin Time (sec)	Unscheduled	2020-06-25 (-4)	37.4 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
		Day 29	2020-07-29 09:49 (31)	29.1		25.1 - 36.5
		Day 57	2020-09-01 10:26 (35)	36.1		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-22 09:09 (-7)	11		10 - 33
		Day 29	2020-07-29 09:49 (31)	14		10 - 33
		Day 57	2020-09-01 10:26 (35)	11		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-22 09:09 (-7)	43		30 - 115
		Day 29	2020-07-29 09:49 (31)	49		30 - 115
		Day 57	2020-09-01 10:26 (35)	44		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-22 09:09 (-7)	18		10 - 36
		Day 29	2020-07-29 09:49 (31)	21		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071093	Aspartate Aminotransferase (U/L)	Day 57	2020-09-01 10:26 (35)	19		10 - 36
	Basophils (10^9/L)	Screening	2020-06-22 09:09 (-7)	0.07		0 - 0.3
		Day 29	2020-07-29 09:49 (31)	0.04		0 - 0.3
		Day 57	2020-09-01 10:26 (35)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-22 09:09 (-7)	1.1		0 - 3
		Day 29	2020-07-29 09:49 (31)	0.8		0 - 3
		Day 57	2020-09-01 10:26 (35)	0.4		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-22 09:09 (-7)	9.1		- 18.8
		Day 29	2020-07-29 09:49 (31)	4.8		- 18.8
		Day 57	2020-09-01 10:26 (35)	5.5		- 18.8
	Creatinine (umol/L)	Screening	2020-06-22 09:09 (-7)	80		62 - 124
		Day 29	2020-07-29 09:49 (31)	71		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071093	Creatinine (umol/L)	Day 57	2020-09-01 10:26 (35)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-22 09:09 (-7)	<3.4		0 - 6.8
		Day 29	2020-07-29 09:49 (31)	<3.4		0 - 6.8
		Day 57	2020-09-01 10:26 (35)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-22 09:09 (-7)	0.08		0 - 0.8
		Day 29	2020-07-29 09:49 (31)	0.11		0 - 0.8
		Day 57	2020-09-01 10:26 (35)	0.08		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-22 09:09 (-7)	1.2		0 - 7
		Day 29	2020-07-29 09:49 (31)	2.1		0 - 7
		Day 57	2020-09-01 10:26 (35)	1.7		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-22 09:09 (-7)	4.10		3.7 - 5.2
		Day 29	2020-07-29 09:49 (31)	3.93		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071093	Erythrocytes (10^12/L)	Day 57	2020-09-01 10:26 (35)	3.77		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-22 09:09 (-7)	0.423		0.33 - 0.47
		Day 29	2020-07-29 09:49 (31)	0.431		0.33 - 0.47
		Day 57	2020-09-01 10:26 (35)	0.410		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-22 09:09 (-7)	126		110 - 155
		Day 29	2020-07-29 09:49 (31)	122	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-09-01 10:26 (35)	118	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-22 09:09 (-7)	<0.03		0 - 0.07
		Day 29	2020-07-29 09:49 (31)	<0.03		0 - 0.07
		Day 57	2020-09-01 10:26 (35)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-22 09:09 (-7)	0.2		0 - 1
		Day 29	2020-07-29 09:49 (31)	0.2		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071093	Immature Granulocytes/Leukocytes (%)	Day 57	2020-09-01 10:26 (35)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-22 09:09 (-7)	6.57		3.7 - 11
		Day 29	2020-07-29 09:49 (31)	5.33		3.7 - 11
		Day 57	2020-09-01 10:26 (35)	4.71		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-22 09:09 (-7)	1.63		0.9 - 3.6
		Day 29	2020-07-29 09:49 (31)	1.44		0.9 - 3.6
		Day 57	2020-09-01 10:26 (35)	1.47		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-22 09:09 (-7)	24.8		12 - 46
		Day 29	2020-07-29 09:49 (31)	27.0		12 - 46
		Day 57	2020-09-01 10:26 (35)	31.2		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-22 09:09 (-7)	0.41		0 - 1.2
		Day 29	2020-07-29 09:49 (31)	0.31		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071093	Monocytes (10^9/L)	Day 57	2020-09-01 10:26 (35)	0.35		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-22 09:09 (-7)	6.2		0 - 11
		Day 29	2020-07-29 09:49 (31)	5.8		0 - 11
		Day 57	2020-09-01 10:26 (35)	7.4		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-22 09:09 (-7)	4.37		1.7 - 7.9
		Day 29	2020-07-29 09:49 (31)	3.42		1.7 - 7.9
		Day 57	2020-09-01 10:26 (35)	2.78		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-22 09:09 (-7)	66.5		34 - 71
		Day 29	2020-07-29 09:49 (31)	64.1		34 - 71
		Day 57	2020-09-01 10:26 (35)	59.1		34 - 71
	Platelets (10^9/L)	Screening	2020-06-22 09:09 (-7)	216		163 - 375
		Day 29	2020-07-29 09:49 (31)	235		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071093	Platelets (10^9/L)	Day 57	2020-09-01 10:26 (35)	221		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-22 09:09 (-7)	1.0		0.9 - 1.1
		Unscheduled	2020-06-25 (-4)	0.9		0.9 - 1.1
		Day 29	2020-07-29 09:49 (31)	0.9		0.9 - 1.1
		Day 57	2020-09-01 10:26 (35)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-22 09:09 (-7)	11.8		9.4 - 12.5
		Unscheduled	2020-06-25 (-4)	10.1		9.4 - 12.5
		Day 29	2020-07-29 09:49 (31)	10.8		9.4 - 12.5
		Day 57	2020-09-01 10:26 (35)	11.7		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-22 09:09 (-7)	6.43		1.78 - 7.14
		Day 29	2020-07-29 09:49 (31)	5.35		1.78 - 7.14
		Day 57	2020-09-01 10:26 (35)	5.35		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-22 09:09 (-7)	20.0		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071093	Urea Nitrogen/Creatinine	Day 29	2020-07-29 09:49 (31)	18.8		7.8 - 26.7
		Day 57	2020-09-01 10:26 (35)	18.8		7.8 - 26.7
US2071095	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-23 14:50 (-6)	30.9		25.1 - 36.5
		Day 29	2020-07-28 10:27 (30)	24.1 (L)		25.1 - 36.5
		Day 57	2020-08-25 15:01 (29)	26.8		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-23 14:50 (-6)	15		10 - 33
		Day 29	2020-07-28 10:27 (30)	18		10 - 33
		Day 57	2020-08-25 15:01 (29)	20		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-23 14:50 (-6)	75		30 - 115
		Day 29	2020-07-28 10:27 (30)	67		30 - 115
		Day 57	2020-08-25 15:01 (29)	71		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-23 14:50 (-6)	23		10 - 36

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071095	Aspartate Aminotransferase (U/L)	Day 29	2020-07-28 10:27 (30)	25		10 - 36
		Day 57	2020-08-25 15:01 (29)	26		10 - 36
	Basophils (10^9/L)	Screening	2020-06-23 14:50 (-6)	0.05		0 - 0.3
		Day 29	2020-07-28 10:27 (30)	0.05		0 - 0.3
		Day 57	2020-08-25 15:01 (29)	0.05		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-23 14:50 (-6)	0.8		0 - 3
		Day 29	2020-07-28 10:27 (30)	0.8		0 - 3
		Day 57	2020-08-25 15:01 (29)	0.6		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-23 14:50 (-6)	3.8		- 18.8
		Day 29	2020-07-28 10:27 (30)	3.1		- 18.8
		Day 57	2020-08-25 15:01 (29)	3.9		- 18.8
	Creatinine (umol/L)	Screening	2020-06-23 14:50 (-6)	71		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071095	Creatinine (umol/L)	Day 29	2020-07-28 10:27 (30)	71		62 - 124
		Day 57	2020-08-25 15:01 (29)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-23 14:50 (-6)	<3.4		0 - 6.8
		Day 29	2020-07-28 10:27 (30)	<3.4		0 - 6.8
		Day 57	2020-08-25 15:01 (29)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-23 14:50 (-6)	0.32		0 - 0.8
		Day 29	2020-07-28 10:27 (30)	0.39		0 - 0.8
		Day 57	2020-08-25 15:01 (29)	0.27		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-23 14:50 (-6)	5.2		0 - 7
		Day 29	2020-07-28 10:27 (30)	6.2		0 - 7
		Day 57	2020-08-25 15:01 (29)	3.1		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-23 14:50 (-6)	4.57		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071095	Erythrocytes (10^12/L)	Day 29	2020-07-28 10:27 (30)	4.24		3.7 - 5.2
		Day 57	2020-08-25 15:01 (29)	4.38		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-23 14:50 (-6)	0.438		0.33 - 0.47
		Day 29	2020-07-28 10:27 (30)	0.425		0.33 - 0.47
		Day 57	2020-08-25 15:01 (29)	0.440		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-23 14:50 (-6)	139		110 - 155
		Day 29	2020-07-28 10:27 (30)	127	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-25 15:01 (29)	131	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-23 14:50 (-6)	<0.03		0 - 0.07
		Day 29	2020-07-28 10:27 (30)	<0.03		0 - 0.07
		Day 57	2020-08-25 15:01 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-23 14:50 (-6)	0.3		0 - 1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071095	Immature Granulocytes/Leukocytes (%)	Day 29	2020-07-28 10:27 (30)	0.2		0 - 1
		Day 57	2020-08-25 15:01 (29)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-23 14:50 (-6)	6.21		3.7 - 11
		Day 29	2020-07-28 10:27 (30)	6.26		3.7 - 11
		Day 57	2020-08-25 15:01 (29)	8.72		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-23 14:50 (-6)	1.97		0.9 - 3.6
		Day 29	2020-07-28 10:27 (30)	1.83		0.9 - 3.6
		Day 57	2020-08-25 15:01 (29)	1.53		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-23 14:50 (-6)	31.7		12 - 46
		Day 29	2020-07-28 10:27 (30)	29.2		12 - 46
		Day 57	2020-08-25 15:01 (29)	17.5		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-23 14:50 (-6)	0.45		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071095	Monocytes (10^9/L)	Day 29	2020-07-28 10:27 (30)	0.39		0 - 1.2
		Day 57	2020-08-25 15:01 (29)	0.40		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-23 14:50 (-6)	7.2		0 - 11
		Day 29	2020-07-28 10:27 (30)	6.2		0 - 11
		Day 57	2020-08-25 15:01 (29)	4.6		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-23 14:50 (-6)	3.40		1.7 - 7.9
		Day 29	2020-07-28 10:27 (30)	3.59		1.7 - 7.9
		Day 57	2020-08-25 15:01 (29)	6.45		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-23 14:50 (-6)	54.8		34 - 71
		Day 29	2020-07-28 10:27 (30)	57.4		34 - 71
		Day 57	2020-08-25 15:01 (29)	74.0 (H)		34 - 71
	Platelets (10^9/L)	Screening	2020-06-23 14:50 (-6)	240		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071095	Platelets (10^9/L)	Day 29	2020-07-28 10:27 (30)	218		163 - 375
		Day 57	2020-08-25 15:01 (29)	216		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-23 14:50 (-6)	0.9		0.9 - 1.1
		Day 29	2020-07-28 10:27 (30)	0.9		0.9 - 1.1
		Day 57	2020-08-25 15:01 (29)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-23 14:50 (-6)	10.3		9.4 - 12.5
		Day 29	2020-07-28 10:27 (30)	10.7		9.4 - 12.5
		Day 57	2020-08-25 15:01 (29)	11.1		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-23 14:50 (-6)	7.14		1.78 - 7.14
		Day 29	2020-07-28 10:27 (30)	4.28		1.78 - 7.14
		Day 57	2020-08-25 15:01 (29)	4.64		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-23 14:50 (-6)	25.0		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071095	Urea Nitrogen/Creatinine	Day 29	2020-07-28 10:27 (30)	15.0		7.8 - 26.7
		Day 57	2020-08-25 15:01 (29)	16.2		7.8 - 26.7
US2071096	Activated Partial Thromboplastin Time (sec)	Unscheduled	2020-06-30 12:55 (-2)	45.5 (H)	G2 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
		Unscheduled	2020-07-21 12:55 (20)	25.4		25.1 - 36.5
				27.0		25.1 - 36.5
		Day 57	2020-09-04 10:37 (31)	43.5 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-24 10:58 (-8)	33		10 - 40
		Day 57	2020-09-04 10:37 (31)	23		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-24 10:58 (-8)	79		43 - 115
		Day 57	2020-09-04 10:37 (31)	71		43 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071096	Aspartate Aminotransferase (U/L)	Screening	2020-06-24 10:58 (-8)	29		10 - 43
		Day 57	2020-09-04 10:37 (31)	21		10 - 43
	Basophils (10^9/L)	Screening	2020-06-24 10:58 (-8)	0.08		0 - 0.3
		Day 57	2020-09-04 10:37 (31)	0.06		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-24 10:58 (-8)	1.1		0 - 3
		Day 57	2020-09-04 10:37 (31)	1.0		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-24 10:58 (-8)	5.0		- 18.8
		Day 57	2020-09-04 10:37 (31)	3.4		- 18.8
	Creatinine (umol/L)	Screening	2020-06-24 10:58 (-8)	62		62 - 124
		Day 57	2020-09-04 10:37 (31)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-24 10:58 (-8)	<3.4		0 - 6.8
		Day 57	2020-09-04 10:37 (31)	<3.4		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071096	Eosinophils (10^9/L)	Screening	2020-06-24 10:58 (-8)	0.30		0 - 0.8
		Day 57	2020-09-04 10:37 (31)	0.26		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-24 10:58 (-8)	4.1		0 - 7
		Day 57	2020-09-04 10:37 (31)	4.4		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-24 10:58 (-8)	5.09		4.63 - 6.08
		Day 57	2020-09-04 10:37 (31)	4.96		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-24 10:58 (-8)	0.509		0.37 - 0.51
		Day 57	2020-09-04 10:37 (31)	0.503		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-24 10:58 (-8)	159		125 - 170
		Day 57	2020-09-04 10:37 (31)	151	G1 Hemoglobin Decreased	125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-24 10:58 (-8)	<0.03		0 - 0.07
		Day 57	2020-09-04 10:37 (31)	0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071096	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-24 10:58 (-8)	0.3		0 - 1
		Day 57	2020-09-04 10:37 (31)	0.5		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-24 10:58 (-8)	7.40		3.7 - 11
		Day 57	2020-09-04 10:37 (31)	5.88		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-24 10:58 (-8)	1.79		0.9 - 3.6
		Day 57	2020-09-04 10:37 (31)	1.55		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-24 10:58 (-8)	24.2		12 - 46
		Day 57	2020-09-04 10:37 (31)	26.4		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-24 10:58 (-8)	0.67		0 - 1.2
		Day 57	2020-09-04 10:37 (31)	0.54		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-24 10:58 (-8)	9.1		0 - 11
		Day 57	2020-09-04 10:37 (31)	9.2		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071096	Neutrophils (10^9/L)	Screening	2020-06-24 10:58 (-8)	4.54		1.7 - 7.9
		Day 57	2020-09-04 10:37 (31)	3.44		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-24 10:58 (-8)	61.2		34 - 71
		Day 57	2020-09-04 10:37 (31)	58.5		34 - 71
	Platelets (10^9/L)	Screening	2020-06-24 10:58 (-8)	212		163 - 375
		Day 57	2020-09-04 10:37 (31)	240		163 - 375
	Prothrombin Intl. Normalized Ratio	Unscheduled	2020-06-30 12:55 (-2)	0.9		0.9 - 1.1
		Unscheduled	2020-07-21 12:55 (20)	0.9		0.9 - 1.1
				1.0		0.9 - 1.1
		Day 57	2020-09-04 10:37 (31)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Unscheduled	2020-06-30 12:55 (-2)	11.0		9.4 - 12.5
		Unscheduled	2020-07-21 12:55 (20)	10.6		9.4 - 12.5
				11.1		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2071096	Prothrombin Time (sec)	Day 57	2020-09-04 10:37 (31)	12.0		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-24 10:58 (-8)	6.07		1.78 - 7.14
		Day 57	2020-09-04 10:37 (31)	5.35		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-24 10:58 (-8)	24.3		7.8 - 26.7
		Day 57	2020-09-04 10:37 (31)	18.8		7.8 - 26.7
US2081001	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-26 10:04 (-3)	35.3		25.1 - 36.5
		Day 29	2020-06-24 07:45 (27)	30.8		25.1 - 36.5
		Day 57	2020-07-23 09:00 (30)	28.4		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-05-26 10:04 (-3)	17		10 - 40
		Day 29	2020-06-24 07:45 (27)	28		10 - 40
		Day 57	2020-07-23 09:00 (30)	27		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-05-26 10:04 (-3)	60		43 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081001	Alkaline Phosphatase (U/L)	Day 29	2020-06-24 07:45 (27)	65		43 - 115
		Day 57	2020-07-23 09:00 (30)	62		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-26 10:04 (-3)	21		10 - 43
		Day 29	2020-06-24 07:45 (27)	30		10 - 43
		Day 57	2020-07-23 09:00 (30)	26		10 - 43
	Basophils (10^9/L)	Screening	2020-05-26 10:04 (-3)	0.03		0 - 0.3
		Day 29	2020-06-24 07:45 (27)	0.03		0 - 0.3
		Day 57	2020-07-23 09:00 (30)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-26 10:04 (-3)	0.6		0 - 3
		Day 29	2020-06-24 07:45 (27)	0.7		0 - 3
		Day 57	2020-07-23 09:00 (30)	1.2		0 - 3
	Bilirubin (umol/L)	Screening	2020-05-26 10:04 (-3)	3.8		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081001	Bilirubin (umol/L)	Day 29	2020-06-24 07:45 (27)	16.8		- 18.8
		Day 57	2020-07-23 09:00 (30)	4.6		- 18.8
	Creatinine (umol/L)	Screening	2020-05-26 10:04 (-3)	71		62 - 124
		Day 29	2020-06-24 07:45 (27)	71		62 - 124
		Day 57	2020-07-23 09:00 (30)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-26 10:04 (-3)	<3.4		0 - 6.8
		Day 29	2020-06-24 07:45 (27)	3.6		0 - 6.8
		Day 57	2020-07-23 09:00 (30)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-05-26 10:04 (-3)	0.07		0 - 0.8
		Day 29	2020-06-24 07:45 (27)	0.09		0 - 0.8
		Day 57	2020-07-23 09:00 (30)	0.08		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-26 10:04 (-3)	1.5		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081001	Eosinophils/Leukocytes (%)	Day 29	2020-06-24 07:45 (27)	2.0		0 - 7
		Day 57	2020-07-23 09:00 (30)	2.3		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-26 10:04 (-3)	4.48 (L)		4.63 - 6.08
		Day 29	2020-06-24 07:45 (27)	4.35 (L)		4.63 - 6.08
		Day 57	2020-07-23 09:00 (30)	4.44 (L)		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-05-26 10:04 (-3)	0.451		0.37 - 0.51
		Day 29	2020-06-24 07:45 (27)	0.467		0.37 - 0.51
		Day 57	2020-07-23 09:00 (30)	0.457		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-05-26 10:04 (-3)	147		125 - 170
		Day 29	2020-06-24 07:45 (27)	143	G1 Hemoglobin Decreased	125 - 170
		Day 57	2020-07-23 09:00 (30)	146	G1 Hemoglobin Decreased	125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-05-26 10:04 (-3)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081001	Immature Granulocytes (10^9/L)	Day 29	2020-06-24 07:45 (27)	<0.03		0 - 0.07
		Day 57	2020-07-23 09:00 (30)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-26 10:04 (-3)	0.2		0 - 1
		Day 29	2020-06-24 07:45 (27)	0.0		0 - 1
		Day 57	2020-07-23 09:00 (30)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-26 10:04 (-3)	4.71		3.7 - 11
		Day 29	2020-06-24 07:45 (27)	4.58		3.7 - 11
		Day 57	2020-07-23 09:00 (30)	3.44 (L)	G1 WBC Decreased	3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-26 10:04 (-3)	1.72		0.9 - 3.6
		Day 29	2020-06-24 07:45 (27)	2.07		0.9 - 3.6
		Day 57	2020-07-23 09:00 (30)	1.55		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-26 10:04 (-3)	36.5		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081001	Lymphocytes/Leukocytes (%)	Day 29	2020-06-24 07:45 (27)	45.2		12 - 46
		Day 57	2020-07-23 09:00 (30)	45.1		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-26 10:04 (-3)	0.37		0 - 1.2
		Day 29	2020-06-24 07:45 (27)	0.45		0 - 1.2
		Day 57	2020-07-23 09:00 (30)	0.36		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-26 10:04 (-3)	7.9		0 - 11
		Day 29	2020-06-24 07:45 (27)	9.8		0 - 11
		Day 57	2020-07-23 09:00 (30)	10.5		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-26 10:04 (-3)	2.51		1.7 - 7.9
		Day 29	2020-06-24 07:45 (27)	1.94	G1 Neutrophils Decreased	1.7 - 7.9
		Day 57	2020-07-23 09:00 (30)	1.40 (L)	G2 Neutrophils Decreased	1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-26 10:04 (-3)	53.3		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081001	Neutrophils/Leukocytes (%)	Day 29	2020-06-24 07:45 (27)	42.3		34 - 71
		Day 57	2020-07-23 09:00 (30)	40.6		34 - 71
	Platelets (10^9/L)	Screening	2020-05-26 10:04 (-3)	176		163 - 375
		Day 29	2020-06-24 07:45 (27)	172		163 - 375
		Day 57	2020-07-23 09:00 (30)	176		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-26 10:04 (-3)	1.0		0.9 - 1.1
		Day 29	2020-06-24 07:45 (27)	1.0		0.9 - 1.1
		Day 57	2020-07-23 09:00 (30)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-26 10:04 (-3)	11.9		9.4 - 12.5
		Day 29	2020-06-24 07:45 (27)	11.2		9.4 - 12.5
		Day 57	2020-07-23 09:00 (30)	10.2		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-05-26 10:04 (-3)	6.07		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081001	Urea Nitrogen (mmol/L)	Day 29	2020-06-24 07:45 (27)	7.50 (H)		1.78 - 7.14
		Day 57	2020-07-23 09:00 (30)	5.35		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-26 10:04 (-3)	21.2		7.8 - 26.7
		Day 29	2020-06-24 07:45 (27)	26.2		7.8 - 26.7
		Day 57	2020-07-23 09:00 (30)	18.8		7.8 - 26.7
US2081002	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-26 10:00 (-3)	32.3		25.1 - 36.5
		Day 29	2020-06-25 08:30 (28)	33.3		25.1 - 36.5
		Day 57	2020-07-24 10:00 (30)	32.6		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-05-26 10:00 (-3)	16		10 - 33
		Day 29	2020-06-25 08:30 (28)	15		10 - 33
		Day 57	2020-07-24 10:00 (30)	12		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-26 10:00 (-3)	54		30 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081002	Alkaline Phosphatase (U/L)	Day 29	2020-06-25 08:30 (28)	57		30 - 115
		Day 57	2020-07-24 10:00 (30)	55		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-26 10:00 (-3)	21		10 - 36
		Day 29	2020-06-25 08:30 (28)	20		10 - 36
		Day 57	2020-07-24 10:00 (30)	19		10 - 36
	Basophils (10^9/L)	Screening	2020-05-26 10:00 (-3)	0.04		0 - 0.3
		Day 29	2020-06-25 08:30 (28)	0.04		0 - 0.3
		Day 57	2020-07-24 10:00 (30)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-26 10:00 (-3)	1.1		0 - 3
		Day 29	2020-06-25 08:30 (28)	1.0		0 - 3
		Day 57	2020-07-24 10:00 (30)	0.8		0 - 3
	Bilirubin (umol/L)	Screening	2020-05-26 10:00 (-3)	6.8		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081002	Bilirubin (umol/L)	Day 29	2020-06-25 08:30 (28)	6.7		- 18.8
		Day 57	2020-07-24 10:00 (30)	10.8		- 18.8
	Creatinine (umol/L)	Screening	2020-05-26 10:00 (-3)	53 (L)		62 - 124
		Day 29	2020-06-25 08:30 (28)	62		62 - 124
		Day 57	2020-07-24 10:00 (30)	44 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-26 10:00 (-3)	<3.4		0 - 6.8
		Day 29	2020-06-25 08:30 (28)	<3.4		0 - 6.8
		Day 57	2020-07-24 10:00 (30)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-05-26 10:00 (-3)	0.13		0 - 0.8
		Day 29	2020-06-25 08:30 (28)	0.14		0 - 0.8
		Day 57	2020-07-24 10:00 (30)	0.17		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-26 10:00 (-3)	3.5		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081002	Eosinophils/Leukocytes (%)	Day 29	2020-06-25 08:30 (28)	3.4		0 - 7
		Day 57	2020-07-24 10:00 (30)	3.4		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-26 10:00 (-3)	4.84		3.7 - 5.2
		Day 29	2020-06-25 08:30 (28)	4.61		3.7 - 5.2
		Day 57	2020-07-24 10:00 (30)	4.53		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-26 10:00 (-3)	0.480 (H)		0.33 - 0.47
		Day 29	2020-06-25 08:30 (28)	0.480 (H)		0.33 - 0.47
		Day 57	2020-07-24 10:00 (30)	0.458		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-26 10:00 (-3)	147		110 - 155
		Day 29	2020-06-25 08:30 (28)	142	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-07-24 10:00 (30)	137	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-26 10:00 (-3)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081002	Immature Granulocytes (10^9/L)	Day 29	2020-06-25 08:30 (28)	<0.03		0 - 0.07
		Day 57	2020-07-24 10:00 (30)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-26 10:00 (-3)	0.3		0 - 1
		Day 29	2020-06-25 08:30 (28)	0.2		0 - 1
		Day 57	2020-07-24 10:00 (30)	0.4		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-26 10:00 (-3)	3.70		3.7 - 11
		Day 29	2020-06-25 08:30 (28)	4.11		3.7 - 11
		Day 57	2020-07-24 10:00 (30)	5.07		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-26 10:00 (-3)	1.48		0.9 - 3.6
		Day 29	2020-06-25 08:30 (28)	1.70		0.9 - 3.6
		Day 57	2020-07-24 10:00 (30)	1.66		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-26 10:00 (-3)	40.0		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081002	Lymphocytes/Leukocytes (%)	Day 29	2020-06-25 08:30 (28)	41.4		12 - 46
		Day 57	2020-07-24 10:00 (30)	32.7		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-26 10:00 (-3)	0.40		0 - 1.2
		Day 29	2020-06-25 08:30 (28)	0.32		0 - 1.2
		Day 57	2020-07-24 10:00 (30)	0.41		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-26 10:00 (-3)	10.8		0 - 11
		Day 29	2020-06-25 08:30 (28)	7.8		0 - 11
		Day 57	2020-07-24 10:00 (30)	8.1		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-26 10:00 (-3)	1.64 (L)	G1 Neutrophils Decreased	1.7 - 7.9
		Day 29	2020-06-25 08:30 (28)	1.90	G1 Neutrophils Decreased	1.7 - 7.9
		Day 57	2020-07-24 10:00 (30)	2.77		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-26 10:00 (-3)	44.3		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081002	Neutrophils/Leukocytes (%)	Day 29	2020-06-25 08:30 (28)	46.2		34 - 71
		Day 57	2020-07-24 10:00 (30)	54.6		34 - 71
	Platelets (10^9/L)	Screening	2020-05-26 10:00 (-3)	249		163 - 375
		Day 29	2020-06-25 08:30 (28)	239		163 - 375
		Day 57	2020-07-24 10:00 (30)	234		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-26 10:00 (-3)	0.9		0.9 - 1.1
		Day 29	2020-06-25 08:30 (28)	0.9		0.9 - 1.1
		Day 57	2020-07-24 10:00 (30)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-26 10:00 (-3)	10.8		9.4 - 12.5
		Day 29	2020-06-25 08:30 (28)	10.2		9.4 - 12.5
		Day 57	2020-07-24 10:00 (30)	11.5		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-05-26 10:00 (-3)	5.35		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081002	Urea Nitrogen (mmol/L)	Day 29	2020-06-25 08:30 (28)	3.93		1.78 - 7.14
		Day 57	2020-07-24 10:00 (30)	3.21		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-26 10:00 (-3)	25.0		7.8 - 26.7
		Day 29	2020-06-25 08:30 (28)	15.7		7.8 - 26.7
		Day 57	2020-07-24 10:00 (30)	18.0		7.8 - 26.7
US2081014	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-27 13:55 (-5)	28.8		25.1 - 36.5
		Day 29	2020-06-30 09:20 (30)	40.8 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
		Unscheduled	2020-07-06 09:30 (7)	28.5		25.1 - 36.5
		Day 57	2020-07-28 09:13 (29)	27.6		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-05-27 13:55 (-5)	10		10 - 33
		Day 29	2020-06-30 09:20 (30)	16		10 - 33

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081014	Alanine Aminotransferase (U/L)	Day 57	2020-07-28 09:13 (29)	11		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-27 13:55 (-5)	51		30 - 115
		Day 29	2020-06-30 09:20 (30)	48		30 - 115
		Day 57	2020-07-28 09:13 (29)	47		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-05-27 13:55 (-5)	18		10 - 36
		Day 29	2020-06-30 09:20 (30)	19		10 - 36
		Day 57	2020-07-28 09:13 (29)	21		10 - 36
	Basophils (10^9/L)	Screening	2020-05-27 13:55 (-5)	0.04		0 - 0.3
		Day 29	2020-06-30 09:20 (30)	<0.03		0 - 0.3
		Unscheduled	2020-07-06 09:30 (7)	0.04		0 - 0.3
		Day 57	2020-07-28 09:13 (29)	0.06		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-27 13:55 (-5)	0.7		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081014	Basophils/Leukocytes (%)	Day 29	2020-06-30 09:20 (30)	0.6		0 - 3
		Unscheduled	2020-07-06 09:30 (7)	0.8		0 - 3
		Day 57	2020-07-28 09:13 (29)	1.3		0 - 3
	Bilirubin (umol/L)	Screening	2020-05-27 13:55 (-5)	6.7		- 18.8
		Day 29	2020-06-30 09:20 (30)	12.0		- 18.8
		Day 57	2020-07-28 09:13 (29)	7.0		- 18.8
	Creatinine (umol/L)	Screening	2020-05-27 13:55 (-5)	53 (L)		62 - 124
		Day 29	2020-06-30 09:20 (30)	44 (L)		62 - 124
		Day 57	2020-07-28 09:13 (29)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-27 13:55 (-5)	<3.4		0 - 6.8
		Day 29	2020-06-30 09:20 (30)	<3.4		0 - 6.8
		Day 57	2020-07-28 09:13 (29)	<3.4		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081014	Eosinophils (10^9/L)	Screening	2020-05-27 13:55 (-5)	0.17		0 - 0.8
		Day 29	2020-06-30 09:20 (30)	0.05		0 - 0.8
		Unscheduled	2020-07-06 09:30 (7)	0.18		0 - 0.8
		Day 57	2020-07-28 09:13 (29)	0.16		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-27 13:55 (-5)	2.9		0 - 7
		Day 29	2020-06-30 09:20 (30)	1.5		0 - 7
		Unscheduled	2020-07-06 09:30 (7)	3.6		0 - 7
		Day 57	2020-07-28 09:13 (29)	3.4		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-05-27 13:55 (-5)	4.07		3.7 - 5.2
		Day 29	2020-06-30 09:20 (30)	4.36		3.7 - 5.2
		Unscheduled	2020-07-06 09:30 (7)	3.74		3.7 - 5.2
		Day 57	2020-07-28 09:13 (29)	3.70		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081014	Hematocrit (L/L)	Screening	2020-05-27 13:55 (-5)	0.418		0.33 - 0.47
		Day 29	2020-06-30 09:20 (30)	0.440		0.33 - 0.47
		Unscheduled	2020-07-06 09:30 (7)	0.400		0.33 - 0.47
		Day 57	2020-07-28 09:13 (29)	0.379		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-27 13:55 (-5)	133		110 - 155
		Day 29	2020-06-30 09:20 (30)	136		110 - 155
		Unscheduled	2020-07-06 09:30 (7)	119	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-07-28 09:13 (29)	122	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-27 13:55 (-5)	<0.03		0 - 0.07
		Day 29	2020-06-30 09:20 (30)	<0.03		0 - 0.07
		Unscheduled	2020-07-06 09:30 (7)	<0.03		0 - 0.07
		Day 57	2020-07-28 09:13 (29)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081014	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-27 13:55 (-5)	0.2		0 - 1
		Day 29	2020-06-30 09:20 (30)	0.0		0 - 1
		Unscheduled	2020-07-06 09:30 (7)	0.4		0 - 1
		Day 57	2020-07-28 09:13 (29)	0.0		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-27 13:55 (-5)	5.87		3.7 - 11
		Day 29	2020-06-30 09:20 (30)	3.32 (L)	G1 WBC Decreased	3.7 - 11
		Unscheduled	2020-07-06 09:30 (7)	5.05		3.7 - 11
		Day 57	2020-07-28 09:13 (29)	4.73		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-27 13:55 (-5)	1.94		0.9 - 3.6
		Day 29	2020-06-30 09:20 (30)	1.02		0.9 - 3.6
		Unscheduled	2020-07-06 09:30 (7)	2.10		0.9 - 3.6
		Day 57	2020-07-28 09:13 (29)	1.80		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081014	Lymphocytes/Leukocytes (%)	Screening	2020-05-27 13:55 (-5)	33.0		12 - 46
		Day 29	2020-06-30 09:20 (30)	30.7		12 - 46
		Unscheduled	2020-07-06 09:30 (7)	41.6		12 - 46
		Day 57	2020-07-28 09:13 (29)	38.1		12 - 46
	Monocytes (10^9/L)	Screening	2020-05-27 13:55 (-5)	0.67		0 - 1.2
		Day 29	2020-06-30 09:20 (30)	0.33		0 - 1.2
		Unscheduled	2020-07-06 09:30 (7)	0.57		0 - 1.2
		Day 57	2020-07-28 09:13 (29)	0.58		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-27 13:55 (-5)	11.4 (H)		0 - 11
		Day 29	2020-06-30 09:20 (30)	9.9		0 - 11
		Unscheduled	2020-07-06 09:30 (7)	11.3 (H)		0 - 11
		Day 57	2020-07-28 09:13 (29)	12.3 (H)		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081014	Neutrophils (10^9/L)	Screening	2020-05-27 13:55 (-5)	3.04		1.7 - 7.9
		Day 29	2020-06-30 09:20 (30)	1.90	G1 Neutrophils Decreased	1.7 - 7.9
		Unscheduled	2020-07-06 09:30 (7)	2.14		1.7 - 7.9
		Day 57	2020-07-28 09:13 (29)	2.13		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-27 13:55 (-5)	51.8		34 - 71
		Day 29	2020-06-30 09:20 (30)	57.3		34 - 71
		Unscheduled	2020-07-06 09:30 (7)	42.3		34 - 71
		Day 57	2020-07-28 09:13 (29)	44.9		34 - 71
	Platelets (10^9/L)	Screening	2020-05-27 13:55 (-5)	285		163 - 375
		Day 29	2020-06-30 09:20 (30)	154 (L)		163 - 375
		Unscheduled	2020-07-06 09:30 (7)	245		163 - 375
		Day 57	2020-07-28 09:13 (29)	262		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081014	Prothrombin Intl. Normalized Ratio	Screening	2020-05-27 13:55 (-5)	0.9		0.9 - 1.1
		Day 29	2020-06-30 09:20 (30)	1.1		0.9 - 1.1
		Unscheduled	2020-07-06 09:30 (7)	1.0		0.9 - 1.1
		Day 57	2020-07-28 09:13 (29)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-27 13:55 (-5)	10.6		9.4 - 12.5
		Day 29	2020-06-30 09:20 (30)	12.8 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
		Unscheduled	2020-07-06 09:30 (7)	11.2		9.4 - 12.5
		Day 57	2020-07-28 09:13 (29)	11.4		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-05-27 13:55 (-5)	4.64		1.78 - 7.14
		Day 29	2020-06-30 09:20 (30)	5.35		1.78 - 7.14
		Day 57	2020-07-28 09:13 (29)	3.57		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-05-27 13:55 (-5)	21.7		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081014	Urea Nitrogen/Creatinine	Day 29	2020-06-30 09:20 (30)	30.0 (H)		7.8 - 26.7
		Day 57	2020-07-28 09:13 (29)	16.7		7.8 - 26.7
US2081016	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-27 15:40 (-5)	30.3		25.1 - 36.5
		Day 29	2020-06-29 13:20 (29)	31.6		25.1 - 36.5
		Day 57	2020-07-28 11:10 (30)	26.6		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-05-27 15:40 (-5)	47 (H)	G1 Alanine Aminotransferase Increased	10 - 33
		Day 29	2020-06-29 13:20 (29)	35 (H)		10 - 33
		Day 57	2020-07-28 11:10 (30)	24		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-27 15:40 (-5)	47		30 - 115
		Day 29	2020-06-29 13:20 (29)	52		30 - 115
		Day 57	2020-07-28 11:10 (30)	42		30 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081016	Aspartate Aminotransferase (U/L)	Screening	2020-05-27 15:40 (-5)	56 (H)	G1 Aspartate Aminotransferase Increased	10 - 36
		Day 29	2020-06-29 13:20 (29)	38 (H)		10 - 36
		Day 57	2020-07-28 11:10 (30)	36		10 - 36
	Basophils (10^9/L)	Screening	2020-05-27 15:40 (-5)	0.06		0 - 0.3
		Day 29	2020-06-29 13:20 (29)	0.05		0 - 0.3
		Day 57	2020-07-28 11:10 (30)	0.06		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-27 15:40 (-5)	1.2		0 - 3
		Day 29	2020-06-29 13:20 (29)	1.0		0 - 3
		Day 57	2020-07-28 11:10 (30)	1.5		0 - 3
	Bilirubin (umol/L)	Screening	2020-05-27 15:40 (-5)	3.8		- 18.8
		Day 29	2020-06-29 13:20 (29)	5.1		- 18.8
		Day 57	2020-07-28 11:10 (30)	7.4		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081016	Creatinine (umol/L)	Screening	2020-05-27 15:40 (-5)	53 (L)		62 - 124
		Day 29	2020-06-29 13:20 (29)	62		62 - 124
		Day 57	2020-07-28 11:10 (30)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-27 15:40 (-5)	<3.4		0 - 6.8
		Day 29	2020-06-29 13:20 (29)	<3.4		0 - 6.8
		Day 57	2020-07-28 11:10 (30)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-05-27 15:40 (-5)	<0.03		0 - 0.8
		Day 29	2020-06-29 13:20 (29)	<0.03		0 - 0.8
		Day 57	2020-07-28 11:10 (30)	<0.03		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-27 15:40 (-5)	0.0		0 - 7
		Day 29	2020-06-29 13:20 (29)	0.0		0 - 7
		Day 57	2020-07-28 11:10 (30)	0.0		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081016	Erythrocytes (10^12/L)	Screening	2020-05-27 15:40 (-5)	3.95		3.7 - 5.2
		Day 29	2020-06-29 13:20 (29)	3.86		3.7 - 5.2
		Day 57	2020-07-28 11:10 (30)	3.74		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-27 15:40 (-5)	0.405		0.33 - 0.47
		Day 29	2020-06-29 13:20 (29)	0.408		0.33 - 0.47
		Day 57	2020-07-28 11:10 (30)	0.390		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-27 15:40 (-5)	130		110 - 155
		Day 29	2020-06-29 13:20 (29)	129	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-07-28 11:10 (30)	127	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-27 15:40 (-5)	<0.03		0 - 0.07
		Day 29	2020-06-29 13:20 (29)	<0.03		0 - 0.07
		Day 57	2020-07-28 11:10 (30)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081016	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-27 15:40 (-5)	0.0		0 - 1
		Day 29	2020-06-29 13:20 (29)	0.2		0 - 1
		Day 57	2020-07-28 11:10 (30)	0.0		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-27 15:40 (-5)	4.99		3.7 - 11
		Day 29	2020-06-29 13:20 (29)	4.95		3.7 - 11
		Day 57	2020-07-28 11:10 (30)	4.03		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-27 15:40 (-5)	1.89		0.9 - 3.6
		Day 29	2020-06-29 13:20 (29)	1.99		0.9 - 3.6
		Day 57	2020-07-28 11:10 (30)	1.35		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-27 15:40 (-5)	37.9		12 - 46
		Day 29	2020-06-29 13:20 (29)	40.2		12 - 46
		Day 57	2020-07-28 11:10 (30)	33.5		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081016	Monocytes (10^9/L)	Screening	2020-05-27 15:40 (-5)	0.44		0 - 1.2
		Day 29	2020-06-29 13:20 (29)	0.36		0 - 1.2
		Day 57	2020-07-28 11:10 (30)	0.36		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-27 15:40 (-5)	8.8		0 - 11
		Day 29	2020-06-29 13:20 (29)	7.3		0 - 11
		Day 57	2020-07-28 11:10 (30)	8.9		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-27 15:40 (-5)	2.60		1.7 - 7.9
		Day 29	2020-06-29 13:20 (29)	2.54		1.7 - 7.9
		Day 57	2020-07-28 11:10 (30)	2.26		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-27 15:40 (-5)	52.1		34 - 71
		Day 29	2020-06-29 13:20 (29)	51.3		34 - 71
		Day 57	2020-07-28 11:10 (30)	56.1		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081016	Platelets (10^9/L)	Screening	2020-05-27 15:40 (-5)	264		163 - 375
		Day 29	2020-06-29 13:20 (29)	241		163 - 375
		Day 57	2020-07-28 11:10 (30)	258		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-27 15:40 (-5)	1.0		0.9 - 1.1
		Day 29	2020-06-29 13:20 (29)	1.0		0.9 - 1.1
		Day 57	2020-07-28 11:10 (30)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-27 15:40 (-5)	11.3		9.4 - 12.5
		Day 29	2020-06-29 13:20 (29)	11.5		9.4 - 12.5
		Day 57	2020-07-28 11:10 (30)	12.2		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-05-27 15:40 (-5)	7.50 (H)		1.78 - 7.14
		Day 29	2020-06-29 13:20 (29)	6.78		1.78 - 7.14
		Day 57	2020-07-28 11:10 (30)	5.35		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081016	Urea Nitrogen/Creatinine	Screening	2020-05-27 15:40 (-5)	35.0 (H)		7.8 - 26.7
		Day 29	2020-06-29 13:20 (29)	27.1 (H)		7.8 - 26.7
		Day 57	2020-07-28 11:10 (30)	21.4		7.8 - 26.7
US2081019	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-28 10:02 (-5)	34.7		25.1 - 36.5
		Day 29	2020-06-30 09:25 (29)	29.8		25.1 - 36.5
		Day 57	2020-07-28 10:10 (29)	29.0		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-05-28 10:02 (-5)	16		10 - 33
		Day 29	2020-06-30 09:25 (29)	10		10 - 33
		Day 57	2020-07-28 10:10 (29)	15		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-28 10:02 (-5)	49		30 - 115
		Day 29	2020-06-30 09:25 (29)	52		30 - 115
		Day 57	2020-07-28 10:10 (29)	45		30 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081019	Aspartate Aminotransferase (U/L)	Screening	2020-05-28 10:02 (-5)	21		10 - 36
		Day 29	2020-06-30 09:25 (29)	18		10 - 36
		Day 57	2020-07-28 10:10 (29)	21		10 - 36
	Basophils (10^9/L)	Screening	2020-05-28 10:02 (-5)	<0.03		0 - 0.3
		Day 29	2020-06-30 09:25 (29)	0.04		0 - 0.3
		Day 57	2020-07-28 10:10 (29)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-28 10:02 (-5)	0.5		0 - 3
		Day 29	2020-06-30 09:25 (29)	0.9		0 - 3
		Day 57	2020-07-28 10:10 (29)	0.8		0 - 3
	Bilirubin (umol/L)	Screening	2020-05-28 10:02 (-5)	11.5		- 18.8
		Day 29	2020-06-30 09:25 (29)	5.5		- 18.8
		Day 57	2020-07-28 10:10 (29)	12.8		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081019	Creatinine (umol/L)	Screening	2020-05-28 10:02 (-5)	53 (L)		62 - 124
		Day 29	2020-06-30 09:25 (29)	62		62 - 124
		Day 57	2020-07-28 10:10 (29)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-28 10:02 (-5)	<3.4		0 - 6.8
		Day 29	2020-06-30 09:25 (29)	<3.4		0 - 6.8
		Day 57	2020-07-28 10:10 (29)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-05-28 10:02 (-5)	0.04		0 - 0.8
		Day 29	2020-06-30 09:25 (29)	0.15		0 - 0.8
		Day 57	2020-07-28 10:10 (29)	0.03		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-28 10:02 (-5)	1.0		0 - 7
		Day 29	2020-06-30 09:25 (29)	3.4		0 - 7
		Day 57	2020-07-28 10:10 (29)	0.8		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081019	Erythrocytes (10^12/L)	Screening	2020-05-28 10:02 (-5)	4.41		3.7 - 5.2
		Day 29	2020-06-30 09:25 (29)	3.86		3.7 - 5.2
		Day 57	2020-07-28 10:10 (29)	4.24		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-28 10:02 (-5)	0.438		0.33 - 0.47
		Day 29	2020-06-30 09:25 (29)	0.407		0.33 - 0.47
		Day 57	2020-07-28 10:10 (29)	0.418		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-28 10:02 (-5)	137		110 - 155
		Day 29	2020-06-30 09:25 (29)	124	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-07-28 10:10 (29)	133	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-28 10:02 (-5)	<0.03		0 - 0.07
		Day 29	2020-06-30 09:25 (29)	<0.03		0 - 0.07
		Day 57	2020-07-28 10:10 (29)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081019	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-28 10:02 (-5)	0.3		0 - 1
		Day 29	2020-06-30 09:25 (29)	0.2		0 - 1
		Day 57	2020-07-28 10:10 (29)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-28 10:02 (-5)	3.96		3.7 - 11
		Day 29	2020-06-30 09:25 (29)	4.38		3.7 - 11
		Day 57	2020-07-28 10:10 (29)	3.84		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-28 10:02 (-5)	0.87 (L)	G1 Lymphocytes Decreased	0.9 - 3.6
		Day 29	2020-06-30 09:25 (29)	1.69		0.9 - 3.6
		Day 57	2020-07-28 10:10 (29)	0.98	G1 Lymphocytes Decreased	0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-28 10:02 (-5)	22.0		12 - 46
		Day 29	2020-06-30 09:25 (29)	38.6		12 - 46
		Day 57	2020-07-28 10:10 (29)	25.5		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081019	Monocytes (10^9/L)	Screening	2020-05-28 10:02 (-5)	0.37		0 - 1.2
		Day 29	2020-06-30 09:25 (29)	0.41		0 - 1.2
		Day 57	2020-07-28 10:10 (29)	0.34		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-28 10:02 (-5)	9.3		0 - 11
		Day 29	2020-06-30 09:25 (29)	9.4		0 - 11
		Day 57	2020-07-28 10:10 (29)	8.9		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-28 10:02 (-5)	2.65		1.7 - 7.9
		Day 29	2020-06-30 09:25 (29)	2.08		1.7 - 7.9
		Day 57	2020-07-28 10:10 (29)	2.45		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-28 10:02 (-5)	66.9		34 - 71
		Day 29	2020-06-30 09:25 (29)	47.5		34 - 71
		Day 57	2020-07-28 10:10 (29)	63.7		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081019	Platelets (10^9/L)	Screening	2020-05-28 10:02 (-5)	148 (L)		163 - 375
		Day 29	2020-06-30 09:25 (29)	248		163 - 375
		Day 57	2020-07-28 10:10 (29)	142 (L)		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-28 10:02 (-5)	1.1		0.9 - 1.1
		Day 29	2020-06-30 09:25 (29)	0.9		0.9 - 1.1
		Day 57	2020-07-28 10:10 (29)	1.1		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-28 10:02 (-5)	12.4		9.4 - 12.5
		Day 29	2020-06-30 09:25 (29)	10.6		9.4 - 12.5
		Day 57	2020-07-28 10:10 (29)	13.3 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-05-28 10:02 (-5)	4.64		1.78 - 7.14
		Day 29	2020-06-30 09:25 (29)	4.28		1.78 - 7.14
		Day 57	2020-07-28 10:10 (29)	5.71		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081019	Urea Nitrogen/Creatinine	Screening	2020-05-28 10:02 (-5)	21.7		7.8 - 26.7
		Day 29	2020-06-30 09:25 (29)	17.1		7.8 - 26.7
		Day 57	2020-07-28 10:10 (29)	26.7		7.8 - 26.7
US2081035	Activated Partial Thromboplastin Time (sec)	Screening	2020-05-29 13:46 (-4)	31.2		25.1 - 36.5
		Day 29	2020-07-01 11:10 (30)	30.7		25.1 - 36.5
		Day 57	2020-07-28 08:00 (28)	32.5		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-05-29 13:46 (-4)	30		10 - 33
		Day 29	2020-07-01 11:10 (30)	17		10 - 33
		Day 57	2020-07-28 08:00 (28)	17		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-05-29 13:46 (-4)	57		30 - 115
		Day 29	2020-07-01 11:10 (30)	67		30 - 115
		Day 57	2020-07-28 08:00 (28)	63		30 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081035	Aspartate Aminotransferase (U/L)	Screening	2020-05-29 13:46 (-4)	23		10 - 36
		Day 29	2020-07-01 11:10 (30)	14		10 - 36
		Day 57	2020-07-28 08:00 (28)	20		10 - 36
	Basophils (10^9/L)	Screening	2020-05-29 13:46 (-4)	0.05		0 - 0.3
		Day 29	2020-07-01 11:10 (30)	0.04		0 - 0.3
		Day 57	2020-07-28 08:00 (28)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-05-29 13:46 (-4)	0.8		0 - 3
		Day 29	2020-07-01 11:10 (30)	0.9		0 - 3
		Day 57	2020-07-28 08:00 (28)	0.7		0 - 3
	Bilirubin (umol/L)	Screening	2020-05-29 13:46 (-4)	5.1		- 18.8
		Day 29	2020-07-01 11:10 (30)	3.9		- 18.8
		Day 57	2020-07-28 08:00 (28)	5.1		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081035	Creatinine (umol/L)	Screening	2020-05-29 13:46 (-4)	88		62 - 124
		Day 29	2020-07-01 11:10 (30)	44 (L)		62 - 124
		Day 57	2020-07-28 08:00 (28)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-05-29 13:46 (-4)	<3.4		0 - 6.8
		Day 29	2020-07-01 11:10 (30)	<3.4		0 - 6.8
		Day 57	2020-07-28 08:00 (28)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-05-29 13:46 (-4)	0.04		0 - 0.8
		Day 29	2020-07-01 11:10 (30)	0.07		0 - 0.8
		Day 57	2020-07-28 08:00 (28)	0.12		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-05-29 13:46 (-4)	0.6		0 - 7
		Day 29	2020-07-01 11:10 (30)	1.6		0 - 7
		Day 57	2020-07-28 08:00 (28)	2.9		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081035	Erythrocytes (10^12/L)	Screening	2020-05-29 13:46 (-4)	4.85		3.7 - 5.2
		Day 29	2020-07-01 11:10 (30)	4.28		3.7 - 5.2
		Day 57	2020-07-28 08:00 (28)	4.07		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-05-29 13:46 (-4)	0.466		0.33 - 0.47
		Day 29	2020-07-01 11:10 (30)	0.429		0.33 - 0.47
		Day 57	2020-07-28 08:00 (28)	0.408		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-05-29 13:46 (-4)	157 (H)		110 - 155
		Day 29	2020-07-01 11:10 (30)	138	G2 Hemoglobin Decreased	110 - 155
		Day 57	2020-07-28 08:00 (28)	133	G3 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-05-29 13:46 (-4)	<0.03		0 - 0.07
		Day 29	2020-07-01 11:10 (30)	<0.03		0 - 0.07
		Day 57	2020-07-28 08:00 (28)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081035	Immature Granulocytes/Leukocytes (%)	Screening	2020-05-29 13:46 (-4)	0.2		0 - 1
		Day 29	2020-07-01 11:10 (30)	0.0		0 - 1
		Day 57	2020-07-28 08:00 (28)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-05-29 13:46 (-4)	6.30		3.7 - 11
		Day 29	2020-07-01 11:10 (30)	4.30		3.7 - 11
		Day 57	2020-07-28 08:00 (28)	4.15		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-05-29 13:46 (-4)	1.19		0.9 - 3.6
		Day 29	2020-07-01 11:10 (30)	1.18		0.9 - 3.6
		Day 57	2020-07-28 08:00 (28)	1.39		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-05-29 13:46 (-4)	18.9		12 - 46
		Day 29	2020-07-01 11:10 (30)	27.4		12 - 46
		Day 57	2020-07-28 08:00 (28)	33.5		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081035	Monocytes (10^9/L)	Screening	2020-05-29 13:46 (-4)	0.48		0 - 1.2
		Day 29	2020-07-01 11:10 (30)	0.41		0 - 1.2
		Day 57	2020-07-28 08:00 (28)	0.45		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-05-29 13:46 (-4)	7.6		0 - 11
		Day 29	2020-07-01 11:10 (30)	9.5		0 - 11
		Day 57	2020-07-28 08:00 (28)	10.8		0 - 11
	Neutrophils (10^9/L)	Screening	2020-05-29 13:46 (-4)	4.53		1.7 - 7.9
		Day 29	2020-07-01 11:10 (30)	2.60		1.7 - 7.9
		Day 57	2020-07-28 08:00 (28)	2.15		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-05-29 13:46 (-4)	71.9 (H)		34 - 71
		Day 29	2020-07-01 11:10 (30)	60.6		34 - 71
		Day 57	2020-07-28 08:00 (28)	51.9		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081035	Platelets (10^9/L)	Screening	2020-05-29 13:46 (-4)	292		163 - 375
		Day 29	2020-07-01 11:10 (30)	281		163 - 375
		Day 57	2020-07-28 08:00 (28)	254		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-05-29 13:46 (-4)	0.9		0.9 - 1.1
		Day 29	2020-07-01 11:10 (30)	1.0		0.9 - 1.1
		Day 57	2020-07-28 08:00 (28)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-05-29 13:46 (-4)	10.0		9.4 - 12.5
		Day 29	2020-07-01 11:10 (30)	11.6		9.4 - 12.5
		Day 57	2020-07-28 08:00 (28)	11.9		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-05-29 13:46 (-4)	5.35		1.78 - 7.14
		Day 29	2020-07-01 11:10 (30)	7.14		1.78 - 7.14
		Day 57	2020-07-28 08:00 (28)	6.07		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081035	Urea Nitrogen/Creatinine	Screening	2020-05-29 13:46 (-4)	15.0		7.8 - 26.7
		Day 29	2020-07-01 11:10 (30)	40.0 (H)		7.8 - 26.7
		Day 57	2020-07-28 08:00 (28)	28.3 (H)		7.8 - 26.7
US2081069	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-11 15:20 (-15)	32.8		25.1 - 36.5
		Day 29	2020-07-24 13:20 (29)	30.5		25.1 - 36.5
		Day 57	2020-08-24 14:40 (32)	30.4		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-11 15:20 (-15)	13		10 - 33
		Unscheduled	2020-06-24 (-2)	12		10 - 33
		Day 29	2020-07-24 13:20 (29)	10		10 - 33
		Day 57	2020-08-24 14:40 (32)	11		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-11 15:20 (-15)	67		30 - 115
		Unscheduled	2020-06-24 (-2)	57		30 - 115
		Day 29	2020-07-24 13:20 (29)	53		30 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081069	Alkaline Phosphatase (U/L)	Day 57	2020-08-24 14:40 (32)	54		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-11 15:20 (-15)	17		10 - 36
		Unscheduled	2020-06-24 (-2)	17		10 - 36
		Day 29	2020-07-24 13:20 (29)	14		10 - 36
		Day 57	2020-08-24 14:40 (32)	13		10 - 36
	Basophils (10^9/L)	Screening	2020-06-11 15:20 (-15)	0.05		0 - 0.3
		Day 29	2020-07-24 13:20 (29)	0.06		0 - 0.3
		Day 57	2020-08-24 14:40 (32)	0.05		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-11 15:20 (-15)	0.7		0 - 3
		Day 29	2020-07-24 13:20 (29)	0.7		0 - 3
		Day 57	2020-08-24 14:40 (32)	0.7		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-11 15:20 (-15)	4.8		- 18.8
		Unscheduled	2020-06-24 (-2)	6.7		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081069	Bilirubin (umol/L)	Day 29	2020-07-24 13:20 (29)	5.6		- 18.8
		Day 57	2020-08-24 14:40 (32)	6.8		- 18.8
	Creatinine (umol/L)	Screening	2020-06-11 15:20 (-15)	71		62 - 124
		Unscheduled	2020-06-24 (-2)	80		62 - 124
		Day 29	2020-07-24 13:20 (29)	62		62 - 124
		Day 57	2020-08-24 14:40 (32)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-11 15:20 (-15)	<3.4		0 - 6.8
		Unscheduled	2020-06-24 (-2)	<3.4		0 - 6.8
		Day 29	2020-07-24 13:20 (29)	<3.4		0 - 6.8
		Day 57	2020-08-24 14:40 (32)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-11 15:20 (-15)	<0.03		0 - 0.8
		Day 29	2020-07-24 13:20 (29)	<0.03		0 - 0.8
		Day 57	2020-08-24 14:40 (32)	<0.03		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081069	Eosinophils/Leukocytes (%)	Screening	2020-06-11 15:20 (-15)	0.0		0 - 7
		Day 29	2020-07-24 13:20 (29)	0.0		0 - 7
		Day 57	2020-08-24 14:40 (32)	0.0		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-11 15:20 (-15)	4.28		3.7 - 5.2
		Day 29	2020-07-24 13:20 (29)	3.96		3.7 - 5.2
		Day 57	2020-08-24 14:40 (32)	4.22		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-11 15:20 (-15)	0.419		0.33 - 0.47
		Day 29	2020-07-24 13:20 (29)	0.398		0.33 - 0.47
		Day 57	2020-08-24 14:40 (32)	0.399		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-11 15:20 (-15)	133		110 - 155
		Day 29	2020-07-24 13:20 (29)	126	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-24 14:40 (32)	133		110 - 155

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081069	Immature Granulocytes (10^9/L)	Screening	2020-06-11 15:20 (-15)	<0.03		0 - 0.07
		Day 29	2020-07-24 13:20 (29)	<0.03		0 - 0.07
		Day 57	2020-08-24 14:40 (32)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-11 15:20 (-15)	0.1		0 - 1
		Day 29	2020-07-24 13:20 (29)	0.1		0 - 1
		Day 57	2020-08-24 14:40 (32)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-11 15:20 (-15)	7.53		3.7 - 11
		Day 29	2020-07-24 13:20 (29)	8.28		3.7 - 11
		Day 57	2020-08-24 14:40 (32)	7.62		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-11 15:20 (-15)	1.85		0.9 - 3.6
		Day 29	2020-07-24 13:20 (29)	1.72		0.9 - 3.6
		Day 57	2020-08-24 14:40 (32)	1.73		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081069	Lymphocytes/Leukocytes (%)	Screening	2020-06-11 15:20 (-15)	24.6		12 - 46
		Day 29	2020-07-24 13:20 (29)	20.8		12 - 46
		Day 57	2020-08-24 14:40 (32)	22.7		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-11 15:20 (-15)	0.58		0 - 1.2
		Day 29	2020-07-24 13:20 (29)	0.55		0 - 1.2
		Day 57	2020-08-24 14:40 (32)	0.56		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-11 15:20 (-15)	7.7		0 - 11
		Day 29	2020-07-24 13:20 (29)	6.6		0 - 11
		Day 57	2020-08-24 14:40 (32)	7.3		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-11 15:20 (-15)	5.04		1.7 - 7.9
		Day 29	2020-07-24 13:20 (29)	5.94		1.7 - 7.9
		Day 57	2020-08-24 14:40 (32)	5.26		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081069	Neutrophils/Leukocytes (%)	Screening	2020-06-11 15:20 (-15)	66.9		34 - 71
		Day 29	2020-07-24 13:20 (29)	71.8 (H)		34 - 71
		Day 57	2020-08-24 14:40 (32)	69.0		34 - 71
	Platelets (10^9/L)	Screening	2020-06-11 15:20 (-15)	292		163 - 375
		Day 29	2020-07-24 13:20 (29)	239		163 - 375
		Day 57	2020-08-24 14:40 (32)	267		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-11 15:20 (-15)	1.0		0.9 - 1.1
		Day 29	2020-07-24 13:20 (29)	1.0		0.9 - 1.1
		Day 57	2020-08-24 14:40 (32)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-11 15:20 (-15)	11.9		9.4 - 12.5
		Day 29	2020-07-24 13:20 (29)	11.9		9.4 - 12.5
		Day 57	2020-08-24 14:40 (32)	11.6		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081069	Urea Nitrogen (mmol/L)	Screening	2020-06-11 15:20 (-15)	8.57 (H)	G1 Blood Urea Nitrogen Increased	1.78 - 7.14
		Unscheduled	2020-06-24 (-2)	6.43		1.78 - 7.14
		Day 29	2020-07-24 13:20 (29)	8.21 (H)	G1 Blood Urea Nitrogen Increased	1.78 - 7.14
		Day 57	2020-08-24 14:40 (32)	6.78		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-11 15:20 (-15)	30.0 (H)		7.8 - 26.7
		Unscheduled	2020-06-24 (-2)	20.0		7.8 - 26.7
		Day 29	2020-07-24 13:20 (29)	32.9 (H)		7.8 - 26.7
		Day 57	2020-08-24 14:40 (32)	31.7 (H)		7.8 - 26.7
US2081072	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-15 09:55 (-11)	30.3		25.1 - 36.5
		Day 29	2020-07-24 11:05 (29)	29.2		25.1 - 36.5
		Day 57	2020-08-21 10:03 (29)	28.0		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-15 09:55 (-11)	13		10 - 40

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081072	Alanine Aminotransferase (U/L)	Day 29	2020-07-24 11:05 (29)	16		10 - 40
		Day 57	2020-08-21 10:03 (29)	14		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-15 09:55 (-11)	73		43 - 115
		Day 29	2020-07-24 11:05 (29)	81		43 - 115
		Day 57	2020-08-21 10:03 (29)	76		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-15 09:55 (-11)	18		10 - 43
		Day 29	2020-07-24 11:05 (29)	17		10 - 43
		Day 57	2020-08-21 10:03 (29)	19		10 - 43
	Basophils (10^9/L)	Screening	2020-06-15 09:55 (-11)	0.04		0 - 0.3
		Day 29	2020-07-24 11:05 (29)	0.03		0 - 0.3
		Day 57	2020-08-21 10:03 (29)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-15 09:55 (-11)	0.6		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081072	Basophils/Leukocytes (%)	Day 29	2020-07-24 11:05 (29)	0.6		0 - 3
		Day 57	2020-08-21 10:03 (29)	0.4		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-15 09:55 (-11)	5.8		- 18.8
		Day 29	2020-07-24 11:05 (29)	5.5		- 18.8
		Day 57	2020-08-21 10:03 (29)	6.0		- 18.8
	Creatinine (umol/L)	Screening	2020-06-15 09:55 (-11)	71		62 - 124
		Day 29	2020-07-24 11:05 (29)	62		62 - 124
		Day 57	2020-08-21 10:03 (29)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-15 09:55 (-11)	<3.4		0 - 6.8
		Day 29	2020-07-24 11:05 (29)	<3.4		0 - 6.8
		Day 57	2020-08-21 10:03 (29)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-15 09:55 (-11)	0.28		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081072	Eosinophils (10^9/L)	Day 29	2020-07-24 11:05 (29)	0.08		0 - 0.8
		Day 57	2020-08-21 10:03 (29)	0.09		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-15 09:55 (-11)	4.4		0 - 7
		Day 29	2020-07-24 11:05 (29)	1.5		0 - 7
		Day 57	2020-08-21 10:03 (29)	1.6		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-15 09:55 (-11)	4.81		4.63 - 6.08
		Day 29	2020-07-24 11:05 (29)	4.67		4.63 - 6.08
		Day 57	2020-08-21 10:03 (29)	4.66		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-15 09:55 (-11)	0.470		0.37 - 0.51
		Day 29	2020-07-24 11:05 (29)	0.473		0.37 - 0.51
		Day 57	2020-08-21 10:03 (29)	0.459		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-15 09:55 (-11)	155		125 - 170

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081072	Hemoglobin (g/L)	Day 29	2020-07-24 11:05 (29)	151	G1 Hemoglobin Decreased	125 - 170
		Day 57	2020-08-21 10:03 (29)	148	G1 Hemoglobin Decreased	125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-15 09:55 (-11)	<0.03		0 - 0.07
		Day 29	2020-07-24 11:05 (29)	<0.03		0 - 0.07
		Day 57	2020-08-21 10:03 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-15 09:55 (-11)	0.3		0 - 1
		Day 29	2020-07-24 11:05 (29)	0.4		0 - 1
		Day 57	2020-08-21 10:03 (29)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-15 09:55 (-11)	6.30		3.7 - 11
		Day 29	2020-07-24 11:05 (29)	5.19		3.7 - 11
		Day 57	2020-08-21 10:03 (29)	5.51		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-15 09:55 (-11)	1.84		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081072	Lymphocytes (10^9/L)	Day 29	2020-07-24 11:05 (29)	1.70		0.9 - 3.6
		Day 57	2020-08-21 10:03 (29)	1.81		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-15 09:55 (-11)	29.2		12 - 46
		Day 29	2020-07-24 11:05 (29)	32.8		12 - 46
		Day 57	2020-08-21 10:03 (29)	32.8		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-15 09:55 (-11)	0.51		0 - 1.2
		Day 29	2020-07-24 11:05 (29)	0.37		0 - 1.2
		Day 57	2020-08-21 10:03 (29)	0.45		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-15 09:55 (-11)	8.1		0 - 11
		Day 29	2020-07-24 11:05 (29)	7.1		0 - 11
		Day 57	2020-08-21 10:03 (29)	8.2		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-15 09:55 (-11)	3.61		1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081072	Neutrophils (10^9/L)	Day 29	2020-07-24 11:05 (29)	2.99		1.7 - 7.9
		Day 57	2020-08-21 10:03 (29)	3.13		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-15 09:55 (-11)	57.4		34 - 71
		Day 29	2020-07-24 11:05 (29)	57.6		34 - 71
		Day 57	2020-08-21 10:03 (29)	56.8		34 - 71
	Platelets (10^9/L)	Screening	2020-06-15 09:55 (-11)	187		163 - 375
		Day 29	2020-07-24 11:05 (29)	166		163 - 375
		Day 57	2020-08-21 10:03 (29)	189		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-15 09:55 (-11)	1.0		0.9 - 1.1
		Day 29	2020-07-24 11:05 (29)	0.9		0.9 - 1.1
		Day 57	2020-08-21 10:03 (29)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-15 09:55 (-11)	11.6		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081072	Prothrombin Time (sec)	Day 29	2020-07-24 11:05 (29)	11.0		9.4 - 12.5
		Day 57	2020-08-21 10:03 (29)	11.1		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-15 09:55 (-11)	7.14		1.78 - 7.14
		Day 29	2020-07-24 11:05 (29)	7.50 (H)		1.78 - 7.14
		Day 57	2020-08-21 10:03 (29)	7.50 (H)		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-15 09:55 (-11)	25.0		7.8 - 26.7
		Day 29	2020-07-24 11:05 (29)	30.0 (H)		7.8 - 26.7
		Day 57	2020-08-21 10:03 (29)	26.2		7.8 - 26.7
US2081075	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-15 13:50 (-15)	30.5		25.1 - 36.5
		Day 29	2020-07-29 09:25 (30)	29.8		25.1 - 36.5
		Day 57	2020-08-26 10:42 (29)	37.3 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081075	Alanine Aminotransferase (U/L)	Screening	2020-06-15 13:50 (-15)	23		10 - 40
		Day 29	2020-07-29 09:25 (30)	27		10 - 40
		Day 57	2020-08-26 10:42 (29)	23		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-15 13:50 (-15)	97		43 - 115
		Day 29	2020-07-29 09:25 (30)	79		43 - 115
		Day 57	2020-08-26 10:42 (29)	77		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-15 13:50 (-15)	22		10 - 43
		Day 29	2020-07-29 09:25 (30)	20		10 - 43
		Day 57	2020-08-26 10:42 (29)	23		10 - 43
	Basophils (10^9/L)	Screening	2020-06-15 13:50 (-15)	<0.03		0 - 0.3
		Day 29	2020-07-29 09:25 (30)	<0.03		0 - 0.3
		Day 57	2020-08-26 10:42 (29)	<0.03		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081075	Basophils/Leukocytes (%)	Screening	2020-06-15 13:50 (-15)	0.1		0 - 3
		Day 29	2020-07-29 09:25 (30)	0.2		0 - 3
		Day 57	2020-08-26 10:42 (29)	0.2		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-15 13:50 (-15)	6.7		- 18.8
		Day 29	2020-07-29 09:25 (30)	9.7		- 18.8
		Day 57	2020-08-26 10:42 (29)	9.4		- 18.8
	Creatinine (umol/L)	Screening	2020-06-15 13:50 (-15)	80		62 - 124
		Day 29	2020-07-29 09:25 (30)	88		62 - 124
		Day 57	2020-08-26 10:42 (29)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-15 13:50 (-15)	<3.4		0 - 6.8
		Day 29	2020-07-29 09:25 (30)	<3.4		0 - 6.8
		Day 57	2020-08-26 10:42 (29)	<3.4		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081075	Eosinophils (10^9/L)	Screening	2020-06-15 13:50 (-15)	0.07		0 - 0.8
		Day 29	2020-07-29 09:25 (30)	0.10		0 - 0.8
		Day 57	2020-08-26 10:42 (29)	0.08		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-15 13:50 (-15)	0.9		0 - 7
		Day 29	2020-07-29 09:25 (30)	1.7		0 - 7
		Day 57	2020-08-26 10:42 (29)	1.4		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-15 13:50 (-15)	4.84		4.63 - 6.08
		Day 29	2020-07-29 09:25 (30)	4.72		4.63 - 6.08
		Day 57	2020-08-26 10:42 (29)	4.83		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-15 13:50 (-15)	0.462		0.37 - 0.51
		Day 29	2020-07-29 09:25 (30)	0.459		0.37 - 0.51
		Day 57	2020-08-26 10:42 (29)	0.470		0.37 - 0.51

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081075	Hemoglobin (g/L)	Screening	2020-06-15 13:50 (-15)	153		125 - 170
		Day 29	2020-07-29 09:25 (30)	148	G1 Hemoglobin Decreased	125 - 170
		Day 57	2020-08-26 10:42 (29)	149	G1 Hemoglobin Decreased	125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-15 13:50 (-15)	0.04		0 - 0.07
		Day 29	2020-07-29 09:25 (30)	0.03		0 - 0.07
		Day 57	2020-08-26 10:42 (29)	0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-15 13:50 (-15)	0.5		0 - 1
		Day 29	2020-07-29 09:25 (30)	0.5		0 - 1
		Day 57	2020-08-26 10:42 (29)	0.5		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-15 13:50 (-15)	7.61		3.7 - 11
		Day 29	2020-07-29 09:25 (30)	5.85		3.7 - 11
		Day 57	2020-08-26 10:42 (29)	5.69		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081075	Lymphocytes (10^9/L)	Screening	2020-06-15 13:50 (-15)	2.30		0.9 - 3.6
		Day 29	2020-07-29 09:25 (30)	2.01		0.9 - 3.6
		Day 57	2020-08-26 10:42 (29)	1.97		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-15 13:50 (-15)	30.2		12 - 46
		Day 29	2020-07-29 09:25 (30)	34.4		12 - 46
		Day 57	2020-08-26 10:42 (29)	34.6		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-15 13:50 (-15)	0.54		0 - 1.2
		Day 29	2020-07-29 09:25 (30)	0.40		0 - 1.2
		Day 57	2020-08-26 10:42 (29)	0.38		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-15 13:50 (-15)	7.1		0 - 11
		Day 29	2020-07-29 09:25 (30)	6.8		0 - 11
		Day 57	2020-08-26 10:42 (29)	6.7		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081075	Neutrophils (10^9/L)	Screening	2020-06-15 13:50 (-15)	4.65		1.7 - 7.9
		Day 29	2020-07-29 09:25 (30)	3.30		1.7 - 7.9
		Day 57	2020-08-26 10:42 (29)	3.22		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-15 13:50 (-15)	61.2		34 - 71
		Day 29	2020-07-29 09:25 (30)	56.4		34 - 71
		Day 57	2020-08-26 10:42 (29)	56.6		34 - 71
	Platelets (10^9/L)	Screening	2020-06-15 13:50 (-15)	260		163 - 375
		Day 29	2020-07-29 09:25 (30)	227		163 - 375
		Day 57	2020-08-26 10:42 (29)	254		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-15 13:50 (-15)	1.0		0.9 - 1.1
		Day 29	2020-07-29 09:25 (30)	1.0		0.9 - 1.1
		Day 57	2020-08-26 10:42 (29)	1.1		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081075	Prothrombin Time (sec)	Screening	2020-06-15 13:50 (-15)	11.5		9.4 - 12.5
		Day 29	2020-07-29 09:25 (30)	11.7		9.4 - 12.5
		Day 57	2020-08-26 10:42 (29)	13.6 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-15 13:50 (-15)	5.35		1.78 - 7.14
		Day 29	2020-07-29 09:25 (30)	6.78		1.78 - 7.14
		Day 57	2020-08-26 10:42 (29)	5.00		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-15 13:50 (-15)	16.7		7.8 - 26.7
		Day 29	2020-07-29 09:25 (30)	19.0		7.8 - 26.7
		Day 57	2020-08-26 10:42 (29)	17.5		7.8 - 26.7
US2081076	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-16 12:06 (-15)	30.3		25.1 - 36.5
		Day 29	2020-08-05 14:10 (36)	28.2		25.1 - 36.5
		Day 57	2020-09-03 15:17 (30)	28.7		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081076	Alanine Aminotransferase (U/L)	Screening	2020-06-16 12:06 (-15)	35 (H)		10 - 33
		Day 29	2020-08-05 14:10 (36)	18		10 - 33
		Day 57	2020-09-03 15:17 (30)	33		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-16 12:06 (-15)	68		30 - 115
		Day 29	2020-08-05 14:10 (36)	56		30 - 115
		Day 57	2020-09-03 15:17 (30)	72		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-16 12:06 (-15)	37 (H)		10 - 36
		Day 29	2020-08-05 14:10 (36)	20		10 - 36
		Day 57	2020-09-03 15:17 (30)	29		10 - 36
	Basophils (10^9/L)	Screening	2020-06-16 12:06 (-15)	0.06		0 - 0.3
		Day 29	2020-08-05 14:10 (36)	0.05		0 - 0.3
		Day 57	2020-09-03 15:17 (30)	0.05		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081076	Basophils/Leukocytes (%)	Screening	2020-06-16 12:06 (-15)	1.0		0 - 3
		Day 29	2020-08-05 14:10 (36)	1.0		0 - 3
		Day 57	2020-09-03 15:17 (30)	0.9		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-16 12:06 (-15)	11.8		- 18.8
		Day 29	2020-08-05 14:10 (36)	5.8		- 18.8
		Day 57	2020-09-03 15:17 (30)	5.5		- 18.8
	Creatinine (umol/L)	Screening	2020-06-16 12:06 (-15)	62		62 - 124
		Day 29	2020-08-05 14:10 (36)	62		62 - 124
		Day 57	2020-09-03 15:17 (30)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-16 12:06 (-15)	<3.4		0 - 6.8
		Day 29	2020-08-05 14:10 (36)	<3.4		0 - 6.8
		Day 57	2020-09-03 15:17 (30)	<3.4		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081076	Eosinophils (10^9/L)	Screening	2020-06-16 12:06 (-15)	0.07		0 - 0.8
		Day 29	2020-08-05 14:10 (36)	0.05		0 - 0.8
		Day 57	2020-09-03 15:17 (30)	0.07		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-16 12:06 (-15)	1.2		0 - 7
		Day 29	2020-08-05 14:10 (36)	1.0		0 - 7
		Day 57	2020-09-03 15:17 (30)	1.3		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-16 12:06 (-15)	4.79		3.7 - 5.2
		Day 29	2020-08-05 14:10 (36)	4.42		3.7 - 5.2
		Day 57	2020-09-03 15:17 (30)	4.50		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-16 12:06 (-15)	0.442		0.33 - 0.47
		Day 29	2020-08-05 14:10 (36)	0.454		0.33 - 0.47
		Day 57	2020-09-03 15:17 (30)	0.406		0.33 - 0.47

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081076	Hemoglobin (g/L)	Screening	2020-06-16 12:06 (-15)	134		110 - 155
		Day 29	2020-08-05 14:10 (36)	124	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-09-03 15:17 (30)	126	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-16 12:06 (-15)	<0.03		0 - 0.07
		Day 29	2020-08-05 14:10 (36)	<0.03		0 - 0.07
		Day 57	2020-09-03 15:17 (30)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-16 12:06 (-15)	0.2		0 - 1
		Day 29	2020-08-05 14:10 (36)	0.4		0 - 1
		Day 57	2020-09-03 15:17 (30)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-16 12:06 (-15)	5.92		3.7 - 11
		Day 29	2020-08-05 14:10 (36)	4.78		3.7 - 11
		Day 57	2020-09-03 15:17 (30)	5.38		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081076	Lymphocytes (10^9/L)	Screening	2020-06-16 12:06 (-15)	2.00		0.9 - 3.6
		Day 29	2020-08-05 14:10 (36)	1.99		0.9 - 3.6
		Day 57	2020-09-03 15:17 (30)	2.28		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-16 12:06 (-15)	33.8		12 - 46
		Day 29	2020-08-05 14:10 (36)	41.6		12 - 46
		Day 57	2020-09-03 15:17 (30)	42.4		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-16 12:06 (-15)	0.63		0 - 1.2
		Day 29	2020-08-05 14:10 (36)	0.39		0 - 1.2
		Day 57	2020-09-03 15:17 (30)	0.49		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-16 12:06 (-15)	10.6		0 - 11
		Day 29	2020-08-05 14:10 (36)	8.2		0 - 11
		Day 57	2020-09-03 15:17 (30)	9.1		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081076	Neutrophils (10^9/L)	Screening	2020-06-16 12:06 (-15)	3.15		1.7 - 7.9
		Day 29	2020-08-05 14:10 (36)	2.28		1.7 - 7.9
		Day 57	2020-09-03 15:17 (30)	2.48		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-16 12:06 (-15)	53.2		34 - 71
		Day 29	2020-08-05 14:10 (36)	47.8		34 - 71
		Day 57	2020-09-03 15:17 (30)	46.1		34 - 71
	Platelets (10^9/L)	Screening	2020-06-16 12:06 (-15)	229		163 - 375
		Day 29	2020-08-05 14:10 (36)	237		163 - 375
		Day 57	2020-09-03 15:17 (30)	238		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-16 12:06 (-15)	0.8 (L)		0.9 - 1.1
		Day 29	2020-08-05 14:10 (36)	0.9		0.9 - 1.1
		Day 57	2020-09-03 15:17 (30)	0.9		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081076	Prothrombin Time (sec)	Screening	2020-06-16 12:06 (-15)	9.8		9.4 - 12.5
		Day 29	2020-08-05 14:10 (36)	10.4		9.4 - 12.5
		Day 57	2020-09-03 15:17 (30)	10.5		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-16 12:06 (-15)	5.00		1.78 - 7.14
		Day 29	2020-08-05 14:10 (36)	6.07		1.78 - 7.14
		Day 57	2020-09-03 15:17 (30)	6.43		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-16 12:06 (-15)	20.0		7.8 - 26.7
		Day 29	2020-08-05 14:10 (36)	24.3		7.8 - 26.7
		Day 57	2020-09-03 15:17 (30)	25.7		7.8 - 26.7
US2081081	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-17 10:49 (-12)	29.9		25.1 - 36.5
		Day 29	2020-07-29 09:30 (31)	29.3		25.1 - 36.5
		Day 57	2020-08-27 10:42 (30)	27.1		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081081	Alanine Aminotransferase (U/L)	Screening	2020-06-17 10:49 (-12)	36 (H)		10 - 33
		Day 29	2020-07-29 09:30 (31)	45 (H)	G1 Alanine Aminotransferase Increased	10 - 33
		Day 57	2020-08-27 10:42 (30)	49 (H)	G1 Alanine Aminotransferase Increased	10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-17 10:49 (-12)	111		30 - 115
		Day 29	2020-07-29 09:30 (31)	103		30 - 115
		Day 57	2020-08-27 10:42 (30)	116 (H)		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-17 10:49 (-12)	30		10 - 36
		Day 29	2020-07-29 09:30 (31)	35		10 - 36
		Day 57	2020-08-27 10:42 (30)	39 (H)		10 - 36
	Basophils (10^9/L)	Screening	2020-06-17 10:49 (-12)	0.03		0 - 0.3
		Day 29	2020-07-29 09:30 (31)	0.03		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081081	Basophils (10^9/L)	Day 57	2020-08-27 10:42 (30)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-17 10:49 (-12)	0.6		0 - 3
		Day 29	2020-07-29 09:30 (31)	0.6		0 - 3
		Day 57	2020-08-27 10:42 (30)	0.7		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-17 10:49 (-12)	8.6		- 18.8
		Day 29	2020-07-29 09:30 (31)	6.8		- 18.8
		Day 57	2020-08-27 10:42 (30)	6.7		- 18.8
	Creatinine (umol/L)	Screening	2020-06-17 10:49 (-12)	53 (L)		62 - 124
		Day 29	2020-07-29 09:30 (31)	53 (L)		62 - 124
		Day 57	2020-08-27 10:42 (30)	44 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-17 10:49 (-12)	<3.4		0 - 6.8
		Day 29	2020-07-29 09:30 (31)	<3.4		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081081	Direct Bilirubin (umol/L)	Day 57	2020-08-27 10:42 (30)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-17 10:49 (-12)	0.11		0 - 0.8
		Day 29	2020-07-29 09:30 (31)	0.13		0 - 0.8
		Day 57	2020-08-27 10:42 (30)	0.14		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-17 10:49 (-12)	2.2		0 - 7
		Day 29	2020-07-29 09:30 (31)	2.8		0 - 7
		Day 57	2020-08-27 10:42 (30)	2.5		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-17 10:49 (-12)	4.14		3.7 - 5.2
		Day 29	2020-07-29 09:30 (31)	4.11		3.7 - 5.2
		Day 57	2020-08-27 10:42 (30)	4.23		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-17 10:49 (-12)	0.438		0.33 - 0.47
		Day 29	2020-07-29 09:30 (31)	0.422		0.33 - 0.47

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081081	Hematocrit (L/L)	Day 57	2020-08-27 10:42 (30)	0.456		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-17 10:49 (-12)	138		110 - 155
		Day 29	2020-07-29 09:30 (31)	138		110 - 155
		Day 57	2020-08-27 10:42 (30)	140		110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-17 10:49 (-12)	<0.03		0 - 0.07
		Day 29	2020-07-29 09:30 (31)	0.03		0 - 0.07
		Day 57	2020-08-27 10:42 (30)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-17 10:49 (-12)	0.2		0 - 1
		Day 29	2020-07-29 09:30 (31)	0.6		0 - 1
		Day 57	2020-08-27 10:42 (30)	0.4		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-17 10:49 (-12)	4.97		3.7 - 11
		Day 29	2020-07-29 09:30 (31)	4.66		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081081	Leukocytes (10^9/L)	Day 57	2020-08-27 10:42 (30)	5.58		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-17 10:49 (-12)	1.50		0.9 - 3.6
		Day 29	2020-07-29 09:30 (31)	1.30		0.9 - 3.6
		Day 57	2020-08-27 10:42 (30)	1.43		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-17 10:49 (-12)	30.2		12 - 46
		Day 29	2020-07-29 09:30 (31)	27.9		12 - 46
		Day 57	2020-08-27 10:42 (30)	25.6		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-17 10:49 (-12)	0.56		0 - 1.2
		Day 29	2020-07-29 09:30 (31)	0.42		0 - 1.2
		Day 57	2020-08-27 10:42 (30)	0.53		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-17 10:49 (-12)	11.3 (H)		0 - 11
		Day 29	2020-07-29 09:30 (31)	9.0		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081081	Monocytes/Leukocytes (%)	Day 57	2020-08-27 10:42 (30)	9.5		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-17 10:49 (-12)	2.76		1.7 - 7.9
		Day 29	2020-07-29 09:30 (31)	2.75		1.7 - 7.9
		Day 57	2020-08-27 10:42 (30)	3.42		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-17 10:49 (-12)	55.5		34 - 71
		Day 29	2020-07-29 09:30 (31)	59.1		34 - 71
		Day 57	2020-08-27 10:42 (30)	61.3		34 - 71
	Platelets (10^9/L)	Screening	2020-06-17 10:49 (-12)	235		163 - 375
		Day 29	2020-07-29 09:30 (31)	265		163 - 375
		Day 57	2020-08-27 10:42 (30)	238		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-17 10:49 (-12)	0.9		0.9 - 1.1
		Day 29	2020-07-29 09:30 (31)	0.9		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081081	Prothrombin Intl. Normalized Ratio	Day 57	2020-08-27 10:42 (30)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-17 10:49 (-12)	10.8		9.4 - 12.5
		Day 29	2020-07-29 09:30 (31)	11.3		9.4 - 12.5
		Day 57	2020-08-27 10:42 (30)	11.1		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-17 10:49 (-12)	3.21		1.78 - 7.14
		Day 29	2020-07-29 09:30 (31)	3.93		1.78 - 7.14
		Day 57	2020-08-27 10:42 (30)	2.50		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-17 10:49 (-12)	15.0		7.8 - 26.7
		Day 29	2020-07-29 09:30 (31)	18.3		7.8 - 26.7
		Day 57	2020-08-27 10:42 (30)	14.0		7.8 - 26.7
US2081088	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-18 13:41 (-14)	31.3		25.1 - 36.5
		Day 29	2020-08-03 07:23 (33)	30.2		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081088	Activated Partial Thromboplastin Time (sec)	Day 57	2020-08-31 10:37 (29)	29.7		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-18 13:41 (-14)	16		10 - 40
		Day 29	2020-08-03 07:23 (33)	20		10 - 40
		Day 57	2020-08-31 10:37 (29)	18		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-18 13:41 (-14)	62		43 - 115
		Day 29	2020-08-03 07:23 (33)	54		43 - 115
		Day 57	2020-08-31 10:37 (29)	59		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-18 13:41 (-14)	20		10 - 43
		Day 29	2020-08-03 07:23 (33)	31		10 - 43
		Day 57	2020-08-31 10:37 (29)	21		10 - 43
	Basophils (10^9/L)	Screening	2020-06-18 13:41 (-14)	0.05		0 - 0.3
		Day 29	2020-08-03 07:23 (33)	0.04		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081088	Basophils (10^9/L)	Day 57	2020-08-31 10:37 (29)	0.06		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-18 13:41 (-14)	1.0		0 - 3
		Day 29	2020-08-03 07:23 (33)	0.9		0 - 3
		Day 57	2020-08-31 10:37 (29)	1.3		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-18 13:41 (-14)	7.7		- 18.8
		Day 29	2020-08-03 07:23 (33)	5.6		- 18.8
		Day 57	2020-08-31 10:37 (29)	5.8		- 18.8
	Creatinine (umol/L)	Screening	2020-06-18 13:41 (-14)	71		62 - 124
		Day 29	2020-08-03 07:23 (33)	71		62 - 124
		Day 57	2020-08-31 10:37 (29)	80		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-18 13:41 (-14)	<3.4		0 - 6.8
		Day 29	2020-08-03 07:23 (33)	<3.4		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081088	Direct Bilirubin (umol/L)	Day 57	2020-08-31 10:37 (29)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-18 13:41 (-14)	0.09		0 - 0.8
		Day 29	2020-08-03 07:23 (33)	0.16		0 - 0.8
		Day 57	2020-08-31 10:37 (29)	0.16		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-18 13:41 (-14)	1.8		0 - 7
		Day 29	2020-08-03 07:23 (33)	3.6		0 - 7
		Day 57	2020-08-31 10:37 (29)	3.4		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-18 13:41 (-14)	5.10		4.63 - 6.08
		Day 29	2020-08-03 07:23 (33)	4.92		4.63 - 6.08
		Day 57	2020-08-31 10:37 (29)	4.82		4.63 - 6.08
	Follicle Stimulating Hormone (IU/L)	Day 57	2020-08-31 (61)	8.5		1.5 - 12.4
	Hematocrit (L/L)	Screening	2020-06-18 13:41 (-14)	0.464		0.37 - 0.51

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081088	Hematocrit (L/L)	Day 29	2020-08-03 07:23 (33)	0.459		0.37 - 0.51
		Day 57	2020-08-31 10:37 (29)	0.450		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-18 13:41 (-14)	152		125 - 170
		Day 29	2020-08-03 07:23 (33)	147	G1 Hemoglobin Decreased	125 - 170
		Day 57	2020-08-31 10:37 (29)	144	G1 Hemoglobin Decreased	125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-18 13:41 (-14)	<0.03		0 - 0.07
		Day 29	2020-08-03 07:23 (33)	<0.03		0 - 0.07
		Day 57	2020-08-31 10:37 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-18 13:41 (-14)	0.2		0 - 1
		Day 29	2020-08-03 07:23 (33)	0.4		0 - 1
		Day 57	2020-08-31 10:37 (29)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-18 13:41 (-14)	5.11		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081088	Leukocytes (10^9/L)	Day 29	2020-08-03 07:23 (33)	4.46		3.7 - 11
		Day 57	2020-08-31 10:37 (29)	4.68		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-18 13:41 (-14)	1.73		0.9 - 3.6
		Day 29	2020-08-03 07:23 (33)	1.63		0.9 - 3.6
		Day 57	2020-08-31 10:37 (29)	1.87		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-18 13:41 (-14)	33.9		12 - 46
		Day 29	2020-08-03 07:23 (33)	36.5		12 - 46
		Day 57	2020-08-31 10:37 (29)	40.0		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-18 13:41 (-14)	0.44		0 - 1.2
		Day 29	2020-08-03 07:23 (33)	0.34		0 - 1.2
		Day 57	2020-08-31 10:37 (29)	0.36		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-18 13:41 (-14)	8.6		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081088	Monocytes/Leukocytes (%)	Day 29	2020-08-03 07:23 (33)	7.6		0 - 11
		Day 57	2020-08-31 10:37 (29)	7.7		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-18 13:41 (-14)	2.79		1.7 - 7.9
		Day 29	2020-08-03 07:23 (33)	2.27		1.7 - 7.9
		Day 57	2020-08-31 10:37 (29)	2.22		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-18 13:41 (-14)	54.5		34 - 71
		Day 29	2020-08-03 07:23 (33)	51.0		34 - 71
		Day 57	2020-08-31 10:37 (29)	47.4		34 - 71
	Platelets (10^9/L)	Screening	2020-06-18 13:41 (-14)	320		163 - 375
		Day 29	2020-08-03 07:23 (33)	281		163 - 375
		Day 57	2020-08-31 10:37 (29)	293		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-18 13:41 (-14)	1.0		0.9 - 1.1

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081088	Prothrombin Intl. Normalized Ratio	Day 29	2020-08-03 07:23 (33)	1.0		0.9 - 1.1
		Day 57	2020-08-31 10:37 (29)	1.0		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-18 13:41 (-14)	11.6		9.4 - 12.5
		Day 29	2020-08-03 07:23 (33)	11.5		9.4 - 12.5
		Day 57	2020-08-31 10:37 (29)	11.7		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-18 13:41 (-14)	4.64		1.78 - 7.14
		Day 29	2020-08-03 07:23 (33)	5.00		1.78 - 7.14
		Day 57	2020-08-31 10:37 (29)	5.35		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-18 13:41 (-14)	16.2		7.8 - 26.7
		Day 29	2020-08-03 07:23 (33)	17.5		7.8 - 26.7
		Day 57	2020-08-31 10:37 (29)	16.7		7.8 - 26.7
US2081091	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-19 09:06 (-14)	35.7		25.1 - 36.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081091	Activated Partial Thromboplastin Time (sec)	Day 29	2020-08-03 09:06 (32)	32.2		25.1 - 36.5
		Day 57	2020-08-31 15:20 (29)	29.5		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-19 09:06 (-14)	16		10 - 33
		Day 29	2020-08-03 09:06 (32)	18		10 - 33
		Day 57	2020-08-31 15:20 (29)	18		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-19 09:06 (-14)	69		30 - 115
		Day 29	2020-08-03 09:06 (32)	67		30 - 115
		Day 57	2020-08-31 15:20 (29)	76		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-19 09:06 (-14)	21		10 - 36
		Day 29	2020-08-03 09:06 (32)	23		10 - 36
		Day 57	2020-08-31 15:20 (29)	21		10 - 36
	Basophils (10^9/L)	Screening	2020-06-19 09:06 (-14)	0.04		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081091	Basophils (10^9/L)	Unscheduled	2020-06-25 14:00 (-8)	0.03		0 - 0.3
		Day 29	2020-08-03 09:06 (32)	0.04		0 - 0.3
		Day 57	2020-08-31 15:20 (29)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-19 09:06 (-14)	1.3		0 - 3
		Unscheduled	2020-06-25 14:00 (-8)	0.7		0 - 3
		Day 29	2020-08-03 09:06 (32)	0.9		0 - 3
		Day 57	2020-08-31 15:20 (29)	1.0		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-19 09:06 (-14)	6.3		- 18.8
		Day 29	2020-08-03 09:06 (32)	3.4		- 18.8
		Day 57	2020-08-31 15:20 (29)	4.1		- 18.8
	Creatinine (umol/L)	Screening	2020-06-19 09:06 (-14)	71		62 - 124
		Day 29	2020-08-03 09:06 (32)	71		62 - 124

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081091	Creatinine (umol/L)	Day 57	2020-08-31 15:20 (29)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-19 09:06 (-14)	<3.4		0 - 6.8
		Day 29	2020-08-03 09:06 (32)	<3.4		0 - 6.8
		Day 57	2020-08-31 15:20 (29)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-19 09:06 (-14)	<0.03		0 - 0.8
		Unscheduled	2020-06-25 14:00 (-8)	<0.03		0 - 0.8
		Day 29	2020-08-03 09:06 (32)	<0.03		0 - 0.8
		Day 57	2020-08-31 15:20 (29)	<0.03		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-19 09:06 (-14)	0.0		0 - 7
		Unscheduled	2020-06-25 14:00 (-8)	0.0		0 - 7
		Day 29	2020-08-03 09:06 (32)	0.0		0 - 7
		Day 57	2020-08-31 15:20 (29)	0.0		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081091	Erythrocytes (10^12/L)	Screening	2020-06-19 09:06 (-14)	3.92		3.7 - 5.2
		Unscheduled	2020-06-25 14:00 (-8)	3.63 (L)		3.7 - 5.2
		Day 29	2020-08-03 09:06 (32)	3.47 (L)		3.7 - 5.2
		Day 57	2020-08-31 15:20 (29)	3.89		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-19 09:06 (-14)	0.394		0.33 - 0.47
		Unscheduled	2020-06-25 14:00 (-8)	0.366		0.33 - 0.47
		Day 29	2020-08-03 09:06 (32)	0.342		0.33 - 0.47
		Day 57	2020-08-31 15:20 (29)	0.376		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-19 09:06 (-14)	129		110 - 155
		Unscheduled	2020-06-25 14:00 (-8)	116	G1 Hemoglobin Decreased	110 - 155
		Day 29	2020-08-03 09:06 (32)	118	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-31 15:20 (29)	124		110 - 155

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081091	Immature Granulocytes (10^9/L)	Screening	2020-06-19 09:06 (-14)	<0.03		0 - 0.07
		Unscheduled	2020-06-25 14:00 (-8)	0.03		0 - 0.07
		Day 29	2020-08-03 09:06 (32)	0.03		0 - 0.07
		Day 57	2020-08-31 15:20 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-19 09:06 (-14)	0.0		0 - 1
		Unscheduled	2020-06-25 14:00 (-8)	0.7		0 - 1
		Day 29	2020-08-03 09:06 (32)	0.7		0 - 1
		Day 57	2020-08-31 15:20 (29)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-19 09:06 (-14)	3.07 (L)	G1 WBC Decreased	3.7 - 11
		Unscheduled	2020-06-25 14:00 (-8)	4.10		3.7 - 11
		Day 29	2020-08-03 09:06 (32)	4.45		3.7 - 11
		Day 57	2020-08-31 15:20 (29)	4.05		3.7 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081091	Lymphocytes (10^9/L)	Screening	2020-06-19 09:06 (-14)	0.84 (L)	G1 Lymphocytes Decreased	0.9 - 3.6
		Unscheduled	2020-06-25 14:00 (-8)	1.26		0.9 - 3.6
		Day 29	2020-08-03 09:06 (32)	0.81 (L)	G1 Lymphocytes Decreased	0.9 - 3.6
		Day 57	2020-08-31 15:20 (29)	1.27		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-19 09:06 (-14)	27.4		12 - 46
		Unscheduled	2020-06-25 14:00 (-8)	30.7		12 - 46
		Day 29	2020-08-03 09:06 (32)	18.2		12 - 46
		Day 57	2020-08-31 15:20 (29)	31.4		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-19 09:06 (-14)	0.32		0 - 1.2
		Unscheduled	2020-06-25 14:00 (-8)	0.43		0 - 1.2
		Day 29	2020-08-03 09:06 (32)	0.27		0 - 1.2
		Day 57	2020-08-31 15:20 (29)	0.38		0 - 1.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081091	Monocytes/Leukocytes (%)	Screening	2020-06-19 09:06 (-14)	10.4		0 - 11
		Unscheduled	2020-06-25 14:00 (-8)	10.5		0 - 11
		Day 29	2020-08-03 09:06 (32)	6.1		0 - 11
		Day 57	2020-08-31 15:20 (29)	9.4		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-19 09:06 (-14)	1.87	G1 Neutrophils Decreased	1.7 - 7.9
		Unscheduled	2020-06-25 14:00 (-8)	2.35		1.7 - 7.9
		Day 29	2020-08-03 09:06 (32)	3.30		1.7 - 7.9
		Day 57	2020-08-31 15:20 (29)	2.35		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-19 09:06 (-14)	60.9		34 - 71
		Unscheduled	2020-06-25 14:00 (-8)	57.4		34 - 71
		Day 29	2020-08-03 09:06 (32)	74.1 (H)		34 - 71
		Day 57	2020-08-31 15:20 (29)	58.0		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081091	Platelets (10^9/L)	Screening	2020-06-19 09:06 (-14)	301		163 - 375
		Unscheduled	2020-06-25 14:00 (-8)	280		163 - 375
		Day 29	2020-08-03 09:06 (32)	270		163 - 375
		Day 57	2020-08-31 15:20 (29)	289		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-19 09:06 (-14)	0.9		0.9 - 1.1
		Day 29	2020-08-03 09:06 (32)	0.9		0.9 - 1.1
		Day 57	2020-08-31 15:20 (29)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-19 09:06 (-14)	10.5		9.4 - 12.5
		Day 29	2020-08-03 09:06 (32)	10.8		9.4 - 12.5
		Day 57	2020-08-31 15:20 (29)	11.1		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-19 09:06 (-14)	6.43		1.78 - 7.14
		Day 29	2020-08-03 09:06 (32)	5.71		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081091	Urea Nitrogen (mmol/L)	Day 57	2020-08-31 15:20 (29)	5.71		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-19 09:06 (-14)	22.5		7.8 - 26.7
		Day 29	2020-08-03 09:06 (32)	20.0		7.8 - 26.7
		Day 57	2020-08-31 15:20 (29)	22.9		7.8 - 26.7
US2081093	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-19 12:24 (-13)	33.8		25.1 - 36.5
		Day 29	2020-08-03 11:32 (33)	28.0		25.1 - 36.5
		Day 57	2020-09-01 11:29 (30)	28.3		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-19 12:24 (-13)	22		10 - 33
		Day 29	2020-08-03 11:32 (33)	24		10 - 33
		Day 57	2020-09-01 11:29 (30)	21		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-19 12:24 (-13)	99		30 - 115
		Day 29	2020-08-03 11:32 (33)	104		30 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081093	Alkaline Phosphatase (U/L)	Day 57	2020-09-01 11:29 (30)	103		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-19 12:24 (-13)	27		10 - 36
		Day 29	2020-08-03 11:32 (33)	24		10 - 36
		Day 57	2020-09-01 11:29 (30)	21		10 - 36
	Basophils (10^9/L)	Screening	2020-06-19 12:24 (-13)	<0.03		0 - 0.3
		Day 29	2020-08-03 11:32 (33)	0.04		0 - 0.3
		Day 57	2020-09-01 11:29 (30)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-19 12:24 (-13)	0.3		0 - 3
		Day 29	2020-08-03 11:32 (33)	0.8		0 - 3
		Day 57	2020-09-01 11:29 (30)	1.0		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-19 12:24 (-13)	17.6		- 18.8
		Day 29	2020-08-03 11:32 (33)	14.9		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081093	Bilirubin (umol/L)	Day 57	2020-09-01 11:29 (30)	15.9		- 18.8
	Creatinine (umol/L)	Screening	2020-06-19 12:24 (-13)	53 (L)		62 - 124
		Day 29	2020-08-03 11:32 (33)	53 (L)		62 - 124
		Day 57	2020-09-01 11:29 (30)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-19 12:24 (-13)	4.3		0 - 6.8
		Day 29	2020-08-03 11:32 (33)	<3.4		0 - 6.8
		Day 57	2020-09-01 11:29 (30)	3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-19 12:24 (-13)	0.03		0 - 0.8
		Day 29	2020-08-03 11:32 (33)	0.10		0 - 0.8
		Day 57	2020-09-01 11:29 (30)	0.08		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-19 12:24 (-13)	0.5		0 - 7
		Day 29	2020-08-03 11:32 (33)	2.0		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081093	Eosinophils/Leukocytes (%)	Day 57	2020-09-01 11:29 (30)	2.6		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-19 12:24 (-13)	4.22		3.7 - 5.2
		Day 29	2020-08-03 11:32 (33)	4.45		3.7 - 5.2
		Day 57	2020-09-01 11:29 (30)	4.18		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-19 12:24 (-13)	0.443		0.33 - 0.47
		Day 29	2020-08-03 11:32 (33)	0.453		0.33 - 0.47
		Day 57	2020-09-01 11:29 (30)	0.440		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-19 12:24 (-13)	139		110 - 155
		Day 29	2020-08-03 11:32 (33)	147		110 - 155
		Day 57	2020-09-01 11:29 (30)	136	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-19 12:24 (-13)	<0.03		0 - 0.07
		Day 29	2020-08-03 11:32 (33)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081093	Immature Granulocytes (10^9/L)	Day 57	2020-09-01 11:29 (30)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-19 12:24 (-13)	0.3		0 - 1
		Day 29	2020-08-03 11:32 (33)	0.2		0 - 1
		Day 57	2020-09-01 11:29 (30)	0.0		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-19 12:24 (-13)	6.00		3.7 - 11
		Day 29	2020-08-03 11:32 (33)	4.92		3.7 - 11
		Day 57	2020-09-01 11:29 (30)	3.13 (L)	G1 WBC Decreased	3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-19 12:24 (-13)	1.16		0.9 - 3.6
		Day 29	2020-08-03 11:32 (33)	1.14		0.9 - 3.6
		Day 57	2020-09-01 11:29 (30)	1.05		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-19 12:24 (-13)	19.3		12 - 46
		Day 29	2020-08-03 11:32 (33)	23.2		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081093	Lymphocytes/Leukocytes (%)	Day 57	2020-09-01 11:29 (30)	33.5		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-19 12:24 (-13)	0.55		0 - 1.2
		Day 29	2020-08-03 11:32 (33)	0.51		0 - 1.2
		Day 57	2020-09-01 11:29 (30)	0.44		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-19 12:24 (-13)	9.2		0 - 11
		Day 29	2020-08-03 11:32 (33)	10.4		0 - 11
		Day 57	2020-09-01 11:29 (30)	14.1 (H)		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-19 12:24 (-13)	4.22		1.7 - 7.9
		Day 29	2020-08-03 11:32 (33)	3.12		1.7 - 7.9
		Day 57	2020-09-01 11:29 (30)	1.53 (L)	G1 Neutrophils Decreased	1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-19 12:24 (-13)	70.4		34 - 71
		Day 29	2020-08-03 11:32 (33)	63.4		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081093	Neutrophils/Leukocytes (%)	Day 57	2020-09-01 11:29 (30)	48.8		34 - 71
	Platelets (10^9/L)	Screening	2020-06-19 12:24 (-13)	265		163 - 375
		Day 29	2020-08-03 11:32 (33)	284		163 - 375
		Day 57	2020-09-01 11:29 (30)	290		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-19 12:24 (-13)	0.9		0.9 - 1.1
		Day 29	2020-08-03 11:32 (33)	0.9		0.9 - 1.1
		Day 57	2020-09-01 11:29 (30)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-19 12:24 (-13)	10.6		9.4 - 12.5
		Day 29	2020-08-03 11:32 (33)	10.5		9.4 - 12.5
		Day 57	2020-09-01 11:29 (30)	11.2		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-19 12:24 (-13)	5.00		1.78 - 7.14
		Day 29	2020-08-03 11:32 (33)	5.71		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081093	Urea Nitrogen (mmol/L)	Day 57	2020-09-01 11:29 (30)	4.28		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-19 12:24 (-13)	23.3		7.8 - 26.7
		Day 29	2020-08-03 11:32 (33)	26.7		7.8 - 26.7
		Day 57	2020-09-01 11:29 (30)	20.0		7.8 - 26.7
US2081099	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-22 10:52 (-4)	31.1		25.1 - 36.5
		Day 29	2020-07-29 07:28 (34)	28.7		25.1 - 36.5
		Day 57	2020-08-26 09:47 (29)	28.9		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-22 10:52 (-4)	16		10 - 33
		Day 29	2020-07-29 07:28 (34)	15		10 - 33
		Day 57	2020-08-26 09:47 (29)	21		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-22 10:52 (-4)	61		30 - 115
		Day 29	2020-07-29 07:28 (34)	57		30 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081099	Alkaline Phosphatase (U/L)	Day 57	2020-08-26 09:47 (29)	55		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-22 10:52 (-4)	24		10 - 36
		Day 29	2020-07-29 07:28 (34)	24		10 - 36
		Day 57	2020-08-26 09:47 (29)	24		10 - 36
	Basophils (10^9/L)	Screening	2020-06-22 10:52 (-4)	0.07		0 - 0.3
		Day 29	2020-07-29 07:28 (34)	0.06		0 - 0.3
		Day 57	2020-08-26 09:47 (29)	0.06		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-22 10:52 (-4)	1.4		0 - 3
		Day 29	2020-07-29 07:28 (34)	1.7		0 - 3
		Day 57	2020-08-26 09:47 (29)	1.3		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-22 10:52 (-4)	8.6		- 18.8
		Day 29	2020-07-29 07:28 (34)	6.0		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081099	Bilirubin (umol/L)	Day 57	2020-08-26 09:47 (29)	3.8		- 18.8
	Creatinine (umol/L)	Screening	2020-06-22 10:52 (-4)	62		62 - 124
		Day 29	2020-07-29 07:28 (34)	53 (L)		62 - 124
		Day 57	2020-08-26 09:47 (29)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-22 10:52 (-4)	<3.4		0 - 6.8
		Day 29	2020-07-29 07:28 (34)	<3.4		0 - 6.8
		Day 57	2020-08-26 09:47 (29)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-22 10:52 (-4)	0.09		0 - 0.8
		Day 29	2020-07-29 07:28 (34)	0.10		0 - 0.8
		Day 57	2020-08-26 09:47 (29)	0.06		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-22 10:52 (-4)	1.8		0 - 7
		Day 29	2020-07-29 07:28 (34)	2.8		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081099	Eosinophils/Leukocytes (%)	Day 57	2020-08-26 09:47 (29)	1.3		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-22 10:52 (-4)	4.54		3.7 - 5.2
		Day 29	2020-07-29 07:28 (34)	4.56		3.7 - 5.2
		Day 57	2020-08-26 09:47 (29)	4.46		3.7 - 5.2
	Follicle Stimulating Hormone (IU/L)	Screening	2020-06-22 10:52 (-4)	72.7 (H)		1.7 - 21.5
	Hematocrit (L/L)	Screening	2020-06-22 10:52 (-4)	0.451		0.33 - 0.47
		Day 29	2020-07-29 07:28 (34)	0.439		0.33 - 0.47
		Day 57	2020-08-26 09:47 (29)	0.420		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-22 10:52 (-4)	136		110 - 155
		Day 29	2020-07-29 07:28 (34)	136		110 - 155
		Day 57	2020-08-26 09:47 (29)	134	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-22 10:52 (-4)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081099	Immature Granulocytes (10^9/L)	Day 29	2020-07-29 07:28 (34)	<0.03		0 - 0.07
		Day 57	2020-08-26 09:47 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-22 10:52 (-4)	0.2		0 - 1
		Day 29	2020-07-29 07:28 (34)	0.0		0 - 1
		Day 57	2020-08-26 09:47 (29)	0.0		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-22 10:52 (-4)	5.07		3.7 - 11
		Day 29	2020-07-29 07:28 (34)	3.62 (L)		3.7 - 11
		Day 57	2020-08-26 09:47 (29)	4.77		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-22 10:52 (-4)	1.87		0.9 - 3.6
		Day 29	2020-07-29 07:28 (34)	1.57		0.9 - 3.6
		Day 57	2020-08-26 09:47 (29)	1.77		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-22 10:52 (-4)	36.9		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081099	Lymphocytes/Leukocytes (%)	Day 29	2020-07-29 07:28 (34)	43.4		12 - 46
		Day 57	2020-08-26 09:47 (29)	37.1		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-22 10:52 (-4)	0.38		0 - 1.2
		Day 29	2020-07-29 07:28 (34)	0.28		0 - 1.2
		Day 57	2020-08-26 09:47 (29)	0.29		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-22 10:52 (-4)	7.5		0 - 11
		Day 29	2020-07-29 07:28 (34)	7.7		0 - 11
		Day 57	2020-08-26 09:47 (29)	6.1		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-22 10:52 (-4)	2.65		1.7 - 7.9
		Day 29	2020-07-29 07:28 (34)	1.61 (L)	G1 Neutrophils Decreased	1.7 - 7.9
		Day 57	2020-08-26 09:47 (29)	2.59		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-22 10:52 (-4)	52.2		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081099	Neutrophils/Leukocytes (%)	Day 29	2020-07-29 07:28 (34)	44.4		34 - 71
		Day 57	2020-08-26 09:47 (29)	54.2		34 - 71
	Platelets (10^9/L)	Screening	2020-06-22 10:52 (-4)	234		163 - 375
		Day 29	2020-07-29 07:28 (34)	205		163 - 375
		Day 57	2020-08-26 09:47 (29)	217		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-22 10:52 (-4)	1.1		0.9 - 1.1
		Day 29	2020-07-29 07:28 (34)	1.0		0.9 - 1.1
		Day 57	2020-08-26 09:47 (29)	1.1		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-22 10:52 (-4)	13.0 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
		Day 29	2020-07-29 07:28 (34)	12.6 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
		Day 57	2020-08-26 09:47 (29)	13.5 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-22 10:52 (-4)	5.35		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081099	Urea Nitrogen (mmol/L)	Day 29	2020-07-29 07:28 (34)	5.71		1.78 - 7.14
		Day 57	2020-08-26 09:47 (29)	5.00		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-22 10:52 (-4)	21.4		7.8 - 26.7
		Day 29	2020-07-29 07:28 (34)	26.7		7.8 - 26.7
		Day 57	2020-08-26 09:47 (29)	20.0		7.8 - 26.7
US2081108	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-23 13:35 (-10)	32.7		25.1 - 36.5
		Day 29	2020-07-31 11:15 (29)	27.2		25.1 - 36.5
		Day 57	2020-08-28 14:48 (29)	30.5		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-23 13:35 (-10)	17		10 - 33
		Day 29	2020-07-31 11:15 (29)	17		10 - 33
		Day 57	2020-08-28 14:48 (29)	17		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-23 13:35 (-10)	64		30 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081108	Alkaline Phosphatase (U/L)	Day 29	2020-07-31 11:15 (29)	62		30 - 115
		Day 57	2020-08-28 14:48 (29)	60		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-23 13:35 (-10)	24		10 - 36
		Day 29	2020-07-31 11:15 (29)	19		10 - 36
		Day 57	2020-08-28 14:48 (29)	20		10 - 36
	Basophils (10^9/L)	Screening	2020-06-23 13:35 (-10)	0.05		0 - 0.3
		Day 29	2020-07-31 11:15 (29)	0.05		0 - 0.3
		Day 57	2020-08-28 14:48 (29)	0.06		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-23 13:35 (-10)	0.8		0 - 3
		Day 29	2020-07-31 11:15 (29)	1.1		0 - 3
		Day 57	2020-08-28 14:48 (29)	1.1		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-23 13:35 (-10)	26.5 (H)	G1 Bilirubin Increased	- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081108	Bilirubin (umol/L)	Day 29	2020-07-31 11:15 (29)	21.5 (H)	G1 Bilirubin Increased	- 18.8
		Day 57	2020-08-28 14:48 (29)	16.4		- 18.8
	Creatinine (umol/L)	Screening	2020-06-23 13:35 (-10)	53 (L)		62 - 124
		Day 29	2020-07-31 11:15 (29)	53 (L)		62 - 124
		Day 57	2020-08-28 14:48 (29)	53 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-23 13:35 (-10)	5.3		0 - 6.8
		Day 29	2020-07-31 11:15 (29)	5.8		0 - 6.8
		Day 57	2020-08-28 14:48 (29)	5.1		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-23 13:35 (-10)	0.13		0 - 0.8
		Day 29	2020-07-31 11:15 (29)	0.09		0 - 0.8
		Day 57	2020-08-28 14:48 (29)	0.07		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-23 13:35 (-10)	2.1		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081108	Eosinophils/Leukocytes (%)	Day 29	2020-07-31 11:15 (29)	1.9		0 - 7
		Day 57	2020-08-28 14:48 (29)	1.2		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-23 13:35 (-10)	5.06		3.7 - 5.2
		Day 29	2020-07-31 11:15 (29)	4.71		3.7 - 5.2
		Day 57	2020-08-28 14:48 (29)	4.66		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-23 13:35 (-10)	0.490 (H)		0.33 - 0.47
		Day 29	2020-07-31 11:15 (29)	0.467		0.33 - 0.47
		Day 57	2020-08-28 14:48 (29)	0.468		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-23 13:35 (-10)	157 (H)		110 - 155
		Day 29	2020-07-31 11:15 (29)	152	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-08-28 14:48 (29)	149	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-23 13:35 (-10)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081108	Immature Granulocytes (10^9/L)	Day 29	2020-07-31 11:15 (29)	<0.03		0 - 0.07
		Day 57	2020-08-28 14:48 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-23 13:35 (-10)	0.2		0 - 1
		Day 29	2020-07-31 11:15 (29)	0.4		0 - 1
		Day 57	2020-08-28 14:48 (29)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-23 13:35 (-10)	6.31		3.7 - 11
		Day 29	2020-07-31 11:15 (29)	4.70		3.7 - 11
		Day 57	2020-08-28 14:48 (29)	5.62		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-23 13:35 (-10)	1.87		0.9 - 3.6
		Day 29	2020-07-31 11:15 (29)	1.46		0.9 - 3.6
		Day 57	2020-08-28 14:48 (29)	1.69		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-23 13:35 (-10)	29.6		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081108	Lymphocytes/Leukocytes (%)	Day 29	2020-07-31 11:15 (29)	31.1		12 - 46
		Day 57	2020-08-28 14:48 (29)	30.1		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-23 13:35 (-10)	0.55		0 - 1.2
		Day 29	2020-07-31 11:15 (29)	0.43		0 - 1.2
		Day 57	2020-08-28 14:48 (29)	0.43		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-23 13:35 (-10)	8.7		0 - 11
		Day 29	2020-07-31 11:15 (29)	9.1		0 - 11
		Day 57	2020-08-28 14:48 (29)	7.7		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-23 13:35 (-10)	3.70		1.7 - 7.9
		Day 29	2020-07-31 11:15 (29)	2.65		1.7 - 7.9
		Day 57	2020-08-28 14:48 (29)	3.36		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-23 13:35 (-10)	58.6		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081108	Neutrophils/Leukocytes (%)	Day 29	2020-07-31 11:15 (29)	56.4		34 - 71
		Day 57	2020-08-28 14:48 (29)	59.7		34 - 71
	Platelets (10^9/L)	Screening	2020-06-23 13:35 (-10)	214		163 - 375
		Day 29	2020-07-31 11:15 (29)	226		163 - 375
		Day 57	2020-08-28 14:48 (29)	212		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-23 13:35 (-10)	0.9		0.9 - 1.1
		Day 29	2020-07-31 11:15 (29)	0.8 (L)		0.9 - 1.1
		Day 57	2020-08-28 14:48 (29)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-23 13:35 (-10)	10.0		9.4 - 12.5
		Day 29	2020-07-31 11:15 (29)	10.1		9.4 - 12.5
		Day 57	2020-08-28 14:48 (29)	10.7		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-23 13:35 (-10)	4.28		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081108	Urea Nitrogen (mmol/L)	Day 29	2020-07-31 11:15 (29)	3.57		1.78 - 7.14
		Day 57	2020-08-28 14:48 (29)	5.00		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-23 13:35 (-10)	20.0		7.8 - 26.7
		Day 29	2020-07-31 11:15 (29)	16.7		7.8 - 26.7
		Day 57	2020-08-28 14:48 (29)	23.3		7.8 - 26.7
US2081116	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-24 10:50 (-5)	32.8		25.1 - 36.5
		Day 29	2020-07-29 11:34 (31)	30.6		25.1 - 36.5
		Day 57	2020-08-27 11:29 (30)	31.5		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-24 10:50 (-5)	10		10 - 40
		Day 29	2020-07-29 11:34 (31)	9 (L)		10 - 40
		Day 57	2020-08-27 11:29 (30)	9 (L)		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-24 10:50 (-5)	40 (L)		43 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081116	Alkaline Phosphatase (U/L)	Day 29	2020-07-29 11:34 (31)	36 (L)		43 - 115
		Day 57	2020-08-27 11:29 (30)	40 (L)		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-24 10:50 (-5)	18		10 - 43
		Day 29	2020-07-29 11:34 (31)	17		10 - 43
		Day 57	2020-08-27 11:29 (30)	16		10 - 43
	Basophils (10^9/L)	Screening	2020-06-24 10:50 (-5)	0.03		0 - 0.3
		Day 29	2020-07-29 11:34 (31)	0.05		0 - 0.3
		Day 57	2020-08-27 11:29 (30)	0.07		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-24 10:50 (-5)	0.7		0 - 3
		Day 29	2020-07-29 11:34 (31)	1.2		0 - 3
		Day 57	2020-08-27 11:29 (30)	1.5		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-24 10:50 (-5)	6.3		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081116	Bilirubin (umol/L)	Day 29	2020-07-29 11:34 (31)	8.2		- 18.8
		Day 57	2020-08-27 11:29 (30)	6.8		- 18.8
	Creatinine (umol/L)	Screening	2020-06-24 10:50 (-5)	80		62 - 124
		Day 29	2020-07-29 11:34 (31)	71		62 - 124
		Day 57	2020-08-27 11:29 (30)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-24 10:50 (-5)	<3.4		0 - 6.8
		Day 29	2020-07-29 11:34 (31)	<3.4		0 - 6.8
		Day 57	2020-08-27 11:29 (30)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-24 10:50 (-5)	0.12		0 - 0.8
		Day 29	2020-07-29 11:34 (31)	0.12		0 - 0.8
		Day 57	2020-08-27 11:29 (30)	0.15		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-24 10:50 (-5)	2.9		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081116	Eosinophils/Leukocytes (%)	Day 29	2020-07-29 11:34 (31)	2.9		0 - 7
		Day 57	2020-08-27 11:29 (30)	3.3		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-24 10:50 (-5)	4.75		4.63 - 6.08
		Day 29	2020-07-29 11:34 (31)	4.56 (L)		4.63 - 6.08
		Day 57	2020-08-27 11:29 (30)	4.57 (L)		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-24 10:50 (-5)	0.457		0.37 - 0.51
		Day 29	2020-07-29 11:34 (31)	0.425		0.37 - 0.51
		Day 57	2020-08-27 11:29 (30)	0.442		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-24 10:50 (-5)	143		125 - 170
		Day 29	2020-07-29 11:34 (31)	137	G1 Hemoglobin Decreased	125 - 170
		Day 57	2020-08-27 11:29 (30)	139	G1 Hemoglobin Decreased	125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-24 10:50 (-5)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081116	Immature Granulocytes (10^9/L)	Day 29	2020-07-29 11:34 (31)	<0.03		0 - 0.07
		Day 57	2020-08-27 11:29 (30)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-24 10:50 (-5)	0.2		0 - 1
		Day 29	2020-07-29 11:34 (31)	0.2		0 - 1
		Day 57	2020-08-27 11:29 (30)	0.4		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-24 10:50 (-5)	4.17		3.7 - 11
		Day 29	2020-07-29 11:34 (31)	4.16		3.7 - 11
		Day 57	2020-08-27 11:29 (30)	4.53		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-24 10:50 (-5)	1.24		0.9 - 3.6
		Day 29	2020-07-29 11:34 (31)	1.21		0.9 - 3.6
		Day 57	2020-08-27 11:29 (30)	1.44		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-24 10:50 (-5)	29.7		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081116	Lymphocytes/Leukocytes (%)	Day 29	2020-07-29 11:34 (31)	29.1		12 - 46
		Day 57	2020-08-27 11:29 (30)	31.8		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-24 10:50 (-5)	0.55		0 - 1.2
		Day 29	2020-07-29 11:34 (31)	0.55		0 - 1.2
		Day 57	2020-08-27 11:29 (30)	0.52		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-24 10:50 (-5)	13.2 (H)		0 - 11
		Day 29	2020-07-29 11:34 (31)	13.2 (H)		0 - 11
		Day 57	2020-08-27 11:29 (30)	11.5 (H)		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-24 10:50 (-5)	2.22		1.7 - 7.9
		Day 29	2020-07-29 11:34 (31)	2.22		1.7 - 7.9
		Day 57	2020-08-27 11:29 (30)	2.33		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-24 10:50 (-5)	53.3		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081116	Neutrophils/Leukocytes (%)	Day 29	2020-07-29 11:34 (31)	53.4		34 - 71
		Day 57	2020-08-27 11:29 (30)	51.5		34 - 71
	Platelets (10^9/L)	Screening	2020-06-24 10:50 (-5)	279		163 - 375
		Day 29	2020-07-29 11:34 (31)	286		163 - 375
		Day 57	2020-08-27 11:29 (30)	270		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-24 10:50 (-5)	0.9		0.9 - 1.1
		Day 29	2020-07-29 11:34 (31)	0.9		0.9 - 1.1
		Day 57	2020-08-27 11:29 (30)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-24 10:50 (-5)	11.0		9.4 - 12.5
		Day 29	2020-07-29 11:34 (31)	11.3		9.4 - 12.5
		Day 57	2020-08-27 11:29 (30)	11.5		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-24 10:50 (-5)	5.71		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081116	Urea Nitrogen (mmol/L)	Day 29	2020-07-29 11:34 (31)	5.71		1.78 - 7.14
		Day 57	2020-08-27 11:29 (30)	6.43		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-24 10:50 (-5)	17.8		7.8 - 26.7
		Day 29	2020-07-29 11:34 (31)	20.0		7.8 - 26.7
		Day 57	2020-08-27 11:29 (30)	22.5		7.8 - 26.7
US2081117	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-24 12:05 (-12)	37.0 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
		Day 29	2020-08-11 14:27 (37)	28.8		25.1 - 36.5
		Day 57	2020-09-08 11:58 (29)	27.4		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-24 12:05 (-12)	32		10 - 33
		Day 29	2020-08-11 14:27 (37)	29		10 - 33
		Day 57	2020-09-08 11:58 (29)	23		10 - 33

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081117	Alkaline Phosphatase (U/L)	Screening	2020-06-24 12:05 (-12)	67		30 - 115
		Day 29	2020-08-11 14:27 (37)	73		30 - 115
		Day 57	2020-09-08 11:58 (29)	69		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-24 12:05 (-12)	44 (H)	G1 Aspartate Aminotransferase Increased	10 - 36
		Day 29	2020-08-11 14:27 (37)	32		10 - 36
		Day 57	2020-09-08 11:58 (29)	33		10 - 36
	Basophils (10^9/L)	Screening	2020-06-24 12:05 (-12)	0.03		0 - 0.3
		Day 29	2020-08-11 14:27 (37)	<0.03		0 - 0.3
		Day 57	2020-09-08 11:58 (29)	<0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-24 12:05 (-12)	0.8		0 - 3
		Day 29	2020-08-11 14:27 (37)	0.5		0 - 3
		Day 57	2020-09-08 11:58 (29)	0.6		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081117	Bilirubin (umol/L)	Screening	2020-06-24 12:05 (-12)	8.9		- 18.8
		Day 29	2020-08-11 14:27 (37)	4.1		- 18.8
		Day 57	2020-09-08 11:58 (29)	4.8		- 18.8
	Creatinine (umol/L)	Screening	2020-06-24 12:05 (-12)	44 (L)		62 - 124
		Day 29	2020-08-11 14:27 (37)	35 (L)		62 - 124
		Day 57	2020-09-08 11:58 (29)	44 (L)		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-24 12:05 (-12)	<3.4		0 - 6.8
		Day 29	2020-08-11 14:27 (37)	<3.4		0 - 6.8
		Day 57	2020-09-08 11:58 (29)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-24 12:05 (-12)	0.05		0 - 0.8
		Day 29	2020-08-11 14:27 (37)	<0.03		0 - 0.8
		Day 57	2020-09-08 11:58 (29)	0.08		0 - 0.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081117	Eosinophils/Leukocytes (%)	Screening	2020-06-24 12:05 (-12)	1.3		0 - 7
		Day 29	2020-08-11 14:27 (37)	0.5		0 - 7
		Day 57	2020-09-08 11:58 (29)	2.4		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-24 12:05 (-12)	4.22		3.7 - 5.2
		Day 29	2020-08-11 14:27 (37)	4.20		3.7 - 5.2
		Day 57	2020-09-08 11:58 (29)	4.01		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-24 12:05 (-12)	0.433		0.33 - 0.47
		Day 29	2020-08-11 14:27 (37)	0.431		0.33 - 0.47
		Day 57	2020-09-08 11:58 (29)	0.408		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-24 12:05 (-12)	136		110 - 155
		Day 29	2020-08-11 14:27 (37)	132	G1 Hemoglobin Decreased	110 - 155
		Day 57	2020-09-08 11:58 (29)	128	G1 Hemoglobin Decreased	110 - 155

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081117	Immature Granulocytes (10^9/L)	Screening	2020-06-24 12:05 (-12)	<0.03		0 - 0.07
		Day 29	2020-08-11 14:27 (37)	0.03		0 - 0.07
		Day 57	2020-09-08 11:58 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-24 12:05 (-12)	0.3		0 - 1
		Day 29	2020-08-11 14:27 (37)	0.8		0 - 1
		Day 57	2020-09-08 11:58 (29)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-24 12:05 (-12)	3.81		3.7 - 11
		Day 29	2020-08-11 14:27 (37)	3.86		3.7 - 11
		Day 57	2020-09-08 11:58 (29)	3.27 (L)	G1 WBC Decreased	3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-24 12:05 (-12)	1.30		0.9 - 3.6
		Day 29	2020-08-11 14:27 (37)	0.95	G1 Lymphocytes Decreased	0.9 - 3.6
		Day 57	2020-09-08 11:58 (29)	1.24		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081117	Lymphocytes/Leukocytes (%)	Screening	2020-06-24 12:05 (-12)	34.1		12 - 46
		Day 29	2020-08-11 14:27 (37)	24.6		12 - 46
		Day 57	2020-09-08 11:58 (29)	37.9		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-24 12:05 (-12)	0.37		0 - 1.2
		Day 29	2020-08-11 14:27 (37)	0.24		0 - 1.2
		Day 57	2020-09-08 11:58 (29)	0.32		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-24 12:05 (-12)	9.7		0 - 11
		Day 29	2020-08-11 14:27 (37)	6.2		0 - 11
		Day 57	2020-09-08 11:58 (29)	9.8		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-24 12:05 (-12)	2.05		1.7 - 7.9
		Day 29	2020-08-11 14:27 (37)	2.60		1.7 - 7.9
		Day 57	2020-09-08 11:58 (29)	1.60 (L)	G1 Neutrophils Decreased	1.7 - 7.9

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081117	Neutrophils/Leukocytes (%)	Screening	2020-06-24 12:05 (-12)	53.8		34 - 71
		Day 29	2020-08-11 14:27 (37)	67.4		34 - 71
		Day 57	2020-09-08 11:58 (29)	49.0		34 - 71
	Platelets (10^9/L)	Screening	2020-06-24 12:05 (-12)	195		163 - 375
		Day 29	2020-08-11 14:27 (37)	204		163 - 375
		Day 57	2020-09-08 11:58 (29)	203		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-24 12:05 (-12)	0.9		0.9 - 1.1
		Day 29	2020-08-11 14:27 (37)	0.8 (L)		0.9 - 1.1
		Day 57	2020-09-08 11:58 (29)	0.8 (L)		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-24 12:05 (-12)	10.6		9.4 - 12.5
		Day 29	2020-08-11 14:27 (37)	9.8		9.4 - 12.5
		Day 57	2020-09-08 11:58 (29)	9.4		9.4 - 12.5

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081117	Urea Nitrogen (mmol/L)	Screening	2020-06-24 12:05 (-12)	6.43		1.78 - 7.14
		Day 29	2020-08-11 14:27 (37)	7.50 (H)		1.78 - 7.14
		Day 57	2020-09-08 11:58 (29)	7.50 (H)		1.78 - 7.14
	Urea Nitrogen/Creatinine	Screening	2020-06-24 12:05 (-12)	36.0 (H)		7.8 - 26.7
		Day 29	2020-08-11 14:27 (37)	52.5 (H)		7.8 - 26.7
		Day 57	2020-09-08 11:58 (29)	42.0 (H)		7.8 - 26.7
US2081120	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-24 13:38 (-7)	39.4 (H)	G1 Activated Partial Thromboplastin Time Increased	25.1 - 36.5
		Unscheduled	2020-06-29 12:05 (-2)	34.9		25.1 - 36.5
		Day 29	2020-07-29 13:11 (29)	28.6		25.1 - 36.5
		Day 57	2020-08-26 11:27 (29)	29.0		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-24 13:38 (-7)	18		10 - 40

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081120	Alanine Aminotransferase (U/L)	Day 29	2020-07-29 13:11 (29)	16		10 - 40
		Day 57	2020-08-26 11:27 (29)	18		10 - 40
	Alkaline Phosphatase (U/L)	Screening	2020-06-24 13:38 (-7)	62		43 - 115
		Day 29	2020-07-29 13:11 (29)	67		43 - 115
		Day 57	2020-08-26 11:27 (29)	65		43 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-24 13:38 (-7)	26		10 - 43
		Day 29	2020-07-29 13:11 (29)	24		10 - 43
		Day 57	2020-08-26 11:27 (29)	23		10 - 43
	Basophils (10^9/L)	Screening	2020-06-24 13:38 (-7)	0.03		0 - 0.3
		Unscheduled	2020-06-29 12:05 (-2)	0.04		0 - 0.3
		Day 29	2020-07-29 13:11 (29)	<0.03		0 - 0.3
		Day 57	2020-08-26 11:27 (29)	0.03		0 - 0.3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081120	Basophils/Leukocytes (%)	Screening	2020-06-24 13:38 (-7)	0.5		0 - 3
		Unscheduled	2020-06-29 12:05 (-2)	0.9		0 - 3
		Day 29	2020-07-29 13:11 (29)	0.5		0 - 3
		Day 57	2020-08-26 11:27 (29)	0.6		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-24 13:38 (-7)	15.0		- 18.8
		Day 29	2020-07-29 13:11 (29)	9.4		- 18.8
		Day 57	2020-08-26 11:27 (29)	13.0		- 18.8
	Creatinine (umol/L)	Screening	2020-06-24 13:38 (-7)	88		62 - 124
		Day 29	2020-07-29 13:11 (29)	80		62 - 124
		Day 57	2020-08-26 11:27 (29)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-24 13:38 (-7)	<3.4		0 - 6.8
		Day 29	2020-07-29 13:11 (29)	<3.4		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081120	Direct Bilirubin (umol/L)	Day 57	2020-08-26 11:27 (29)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-24 13:38 (-7)	<0.03		0 - 0.8
		Unscheduled	2020-06-29 12:05 (-2)	<0.03		0 - 0.8
		Day 29	2020-07-29 13:11 (29)	0.03		0 - 0.8
		Day 57	2020-08-26 11:27 (29)	<0.03		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-24 13:38 (-7)	0.4		0 - 7
		Unscheduled	2020-06-29 12:05 (-2)	0.5		0 - 7
		Day 29	2020-07-29 13:11 (29)	0.7		0 - 7
		Day 57	2020-08-26 11:27 (29)	0.4		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-24 13:38 (-7)	5.27		4.63 - 6.08
		Unscheduled	2020-06-29 12:05 (-2)	4.88		4.63 - 6.08
		Day 29	2020-07-29 13:11 (29)	5.26		4.63 - 6.08

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081120	Erythrocytes (10^12/L)	Day 57	2020-08-26 11:27 (29)	5.20		4.63 - 6.08
	Hematocrit (L/L)	Screening	2020-06-24 13:38 (-7)	0.554 (H)		0.37 - 0.51
		Unscheduled	2020-06-29 12:05 (-2)	0.519 (H)		0.37 - 0.51
		Day 29	2020-07-29 13:11 (29)	0.538 (H)		0.37 - 0.51
		Day 57	2020-08-26 11:27 (29)	0.529 (H)		0.37 - 0.51
	Hemoglobin (g/L)	Screening	2020-06-24 13:38 (-7)	175 (H)		125 - 170
		Unscheduled	2020-06-29 12:05 (-2)	162		125 - 170
		Day 29	2020-07-29 13:11 (29)	177 (H)		125 - 170
		Day 57	2020-08-26 11:27 (29)	173 (H)		125 - 170
	Immature Granulocytes (10^9/L)	Screening	2020-06-24 13:38 (-7)	<0.03		0 - 0.07
		Unscheduled	2020-06-29 12:05 (-2)	<0.03		0 - 0.07
		Day 29	2020-07-29 13:11 (29)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081120	Immature Granulocytes (10^9/L)	Day 57	2020-08-26 11:27 (29)	0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-24 13:38 (-7)	0.4		0 - 1
		Unscheduled	2020-06-29 12:05 (-2)	0.2		0 - 1
		Day 29	2020-07-29 13:11 (29)	0.5		0 - 1
		Day 57	2020-08-26 11:27 (29)	0.6		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-24 13:38 (-7)	5.46		3.7 - 11
		Unscheduled	2020-06-29 12:05 (-2)	4.31		3.7 - 11
		Day 29	2020-07-29 13:11 (29)	4.26		3.7 - 11
		Day 57	2020-08-26 11:27 (29)	4.80		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-24 13:38 (-7)	1.10		0.9 - 3.6
		Unscheduled	2020-06-29 12:05 (-2)	1.17		0.9 - 3.6
		Day 29	2020-07-29 13:11 (29)	1.04		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081120	Lymphocytes (10^9/L)	Day 57	2020-08-26 11:27 (29)	1.14		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-24 13:38 (-7)	20.1		12 - 46
		Unscheduled	2020-06-29 12:05 (-2)	27.1		12 - 46
		Day 29	2020-07-29 13:11 (29)	24.4		12 - 46
		Day 57	2020-08-26 11:27 (29)	23.8		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-24 13:38 (-7)	0.56		0 - 1.2
		Unscheduled	2020-06-29 12:05 (-2)	0.67		0 - 1.2
		Day 29	2020-07-29 13:11 (29)	0.49		0 - 1.2
		Day 57	2020-08-26 11:27 (29)	0.66		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-24 13:38 (-7)	10.3		0 - 11
		Unscheduled	2020-06-29 12:05 (-2)	15.5 (H)		0 - 11
		Day 29	2020-07-29 13:11 (29)	11.5 (H)		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081120	Monocytes/Leukocytes (%)	Day 57	2020-08-26 11:27 (29)	13.8 (H)		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-24 13:38 (-7)	3.73		1.7 - 7.9
		Unscheduled	2020-06-29 12:05 (-2)	2.40		1.7 - 7.9
		Day 29	2020-07-29 13:11 (29)	2.66		1.7 - 7.9
		Day 57	2020-08-26 11:27 (29)	2.92		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-24 13:38 (-7)	68.3		34 - 71
		Unscheduled	2020-06-29 12:05 (-2)	55.8		34 - 71
		Day 29	2020-07-29 13:11 (29)	62.4		34 - 71
		Day 57	2020-08-26 11:27 (29)	60.8		34 - 71
	Platelets (10^9/L)	Screening	2020-06-24 13:38 (-7)	149 (L)		163 - 375
		Unscheduled	2020-06-29 12:05 (-2)	150 (L)		163 - 375
		Day 29	2020-07-29 13:11 (29)	155 (L)		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081120	Platelets (10^9/L)	Day 57	2020-08-26 11:27 (29)	147 (L)		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-24 13:38 (-7)	1.0		0.9 - 1.1
		Unscheduled	2020-06-29 12:05 (-2)	1.0		0.9 - 1.1
		Day 29	2020-07-29 13:11 (29)	0.9		0.9 - 1.1
		Day 57	2020-08-26 11:27 (29)	1.1		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-24 13:38 (-7)	11.8		9.4 - 12.5
		Unscheduled	2020-06-29 12:05 (-2)	11.8		9.4 - 12.5
		Day 29	2020-07-29 13:11 (29)	11.2		9.4 - 12.5
		Day 57	2020-08-26 11:27 (29)	13.3 (H)	G1 Prothrombin Time Increased	9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-24 13:38 (-7)	5.71		1.78 - 7.14
		Day 29	2020-07-29 13:11 (29)	3.57		1.78 - 7.14
		Day 57	2020-08-26 11:27 (29)	4.28		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081120	Urea Nitrogen/Creatinine	Screening	2020-06-24 13:38 (-7)	16.0		7.8 - 26.7
		Day 29	2020-07-29 13:11 (29)	11.1		7.8 - 26.7
		Day 57	2020-08-26 11:27 (29)	15.0		7.8 - 26.7
US2081121	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-24 15:40 (-12)	28.7		25.1 - 36.5
		Day 29	2020-08-10 12:15 (36)	26.5		25.1 - 36.5
		Day 57	2020-09-04 13:43 (26)	30.1		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-24 15:40 (-12)	13		10 - 33
		Day 29	2020-08-10 12:15 (36)	14		10 - 33
		Day 57	2020-09-04 13:43 (26)	12		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-24 15:40 (-12)	46		30 - 115
		Day 29	2020-08-10 12:15 (36)	57		30 - 115
		Day 57	2020-09-04 13:43 (26)	48		30 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081121	Aspartate Aminotransferase (U/L)	Screening	2020-06-24 15:40 (-12)	17		10 - 36
		Day 29	2020-08-10 12:15 (36)	14		10 - 36
		Day 57	2020-09-04 13:43 (26)	17		10 - 36
	Basophils (10^9/L)	Screening	2020-06-24 15:40 (-12)	0.06		0 - 0.3
		Day 29	2020-08-10 12:15 (36)	0.03		0 - 0.3
		Day 57	2020-09-04 13:43 (26)	0.04		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-24 15:40 (-12)	0.9		0 - 3
		Day 29	2020-08-10 12:15 (36)	0.5		0 - 3
		Day 57	2020-09-04 13:43 (26)	0.7		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-24 15:40 (-12)	5.0		- 18.8
		Day 29	2020-08-10 12:15 (36)	4.6		- 18.8
		Day 57	2020-09-04 13:43 (26)	3.6		- 18.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081121	Creatinine (umol/L)	Screening	2020-06-24 15:40 (-12)	80		62 - 124
		Day 29	2020-08-10 12:15 (36)	62		62 - 124
		Day 57	2020-09-04 13:43 (26)	62		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-24 15:40 (-12)	<3.4		0 - 6.8
		Day 29	2020-08-10 12:15 (36)	<3.4		0 - 6.8
		Day 57	2020-09-04 13:43 (26)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-24 15:40 (-12)	0.06		0 - 0.8
		Day 29	2020-08-10 12:15 (36)	0.06		0 - 0.8
		Day 57	2020-09-04 13:43 (26)	0.06		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-24 15:40 (-12)	0.9		0 - 7
		Day 29	2020-08-10 12:15 (36)	0.9		0 - 7
		Day 57	2020-09-04 13:43 (26)	1.1		0 - 7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081121	Erythrocytes (10^12/L)	Screening	2020-06-24 15:40 (-12)	4.12		3.7 - 5.2
		Day 29	2020-08-10 12:15 (36)	4.34		3.7 - 5.2
		Day 57	2020-09-04 13:43 (26)	4.00		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-24 15:40 (-12)	0.423		0.33 - 0.47
		Day 29	2020-08-10 12:15 (36)	0.450		0.33 - 0.47
		Day 57	2020-09-04 13:43 (26)	0.415		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-24 15:40 (-12)	134		110 - 155
		Day 29	2020-08-10 12:15 (36)	141		110 - 155
		Day 57	2020-09-04 13:43 (26)	130	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-24 15:40 (-12)	<0.03		0 - 0.07
		Day 29	2020-08-10 12:15 (36)	<0.03		0 - 0.07
		Day 57	2020-09-04 13:43 (26)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081121	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-24 15:40 (-12)	0.1		0 - 1
		Day 29	2020-08-10 12:15 (36)	0.2		0 - 1
		Day 57	2020-09-04 13:43 (26)	0.2		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-24 15:40 (-12)	6.68		3.7 - 11
		Day 29	2020-08-10 12:15 (36)	6.61		3.7 - 11
		Day 57	2020-09-04 13:43 (26)	5.61		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-24 15:40 (-12)	1.84		0.9 - 3.6
		Day 29	2020-08-10 12:15 (36)	1.67		0.9 - 3.6
		Day 57	2020-09-04 13:43 (26)	1.70		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-24 15:40 (-12)	27.5		12 - 46
		Day 29	2020-08-10 12:15 (36)	25.3		12 - 46
		Day 57	2020-09-04 13:43 (26)	30.3		12 - 46

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081121	Monocytes (10^9/L)	Screening	2020-06-24 15:40 (-12)	0.40		0 - 1.2
		Day 29	2020-08-10 12:15 (36)	0.50		0 - 1.2
		Day 57	2020-09-04 13:43 (26)	0.42		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-24 15:40 (-12)	6.0		0 - 11
		Day 29	2020-08-10 12:15 (36)	7.6		0 - 11
		Day 57	2020-09-04 13:43 (26)	7.5		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-24 15:40 (-12)	4.31		1.7 - 7.9
		Day 29	2020-08-10 12:15 (36)	4.34		1.7 - 7.9
		Day 57	2020-09-04 13:43 (26)	3.38		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-24 15:40 (-12)	64.6		34 - 71
		Day 29	2020-08-10 12:15 (36)	65.5		34 - 71
		Day 57	2020-09-04 13:43 (26)	60.2		34 - 71

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081121	Platelets (10^9/L)	Screening	2020-06-24 15:40 (-12)	257		163 - 375
		Day 29	2020-08-10 12:15 (36)	259		163 - 375
		Day 57	2020-09-04 13:43 (26)	254		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-24 15:40 (-12)	0.9		0.9 - 1.1
		Day 29	2020-08-10 12:15 (36)	0.9		0.9 - 1.1
		Day 57	2020-09-04 13:43 (26)	0.9		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-24 15:40 (-12)	10.6		9.4 - 12.5
		Day 29	2020-08-10 12:15 (36)	10.6		9.4 - 12.5
		Day 57	2020-09-04 13:43 (26)	11.2		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-24 15:40 (-12)	5.35		1.78 - 7.14
		Day 29	2020-08-10 12:15 (36)	5.00		1.78 - 7.14
		Day 57	2020-09-04 13:43 (26)	4.64		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081121	Urea Nitrogen/Creatinine	Screening	2020-06-24 15:40 (-12)	16.7		7.8 - 26.7
		Day 29	2020-08-10 12:15 (36)	20.0		7.8 - 26.7
		Day 57	2020-09-04 13:43 (26)	18.6		7.8 - 26.7
US2081129	Activated Partial Thromboplastin Time (sec)	Screening	2020-06-25 15:20 (-7)	31.5		25.1 - 36.5
		Day 29	2020-08-03 13:23 (33)	29.2		25.1 - 36.5
		Day 57	2020-08-31 13:56 (29)	27.3		25.1 - 36.5
	Alanine Aminotransferase (U/L)	Screening	2020-06-25 15:20 (-7)	18		10 - 33
		Day 29	2020-08-03 13:23 (33)	18		10 - 33
		Unscheduled	2020-08-10 13:45 (8)	27		10 - 33
		Day 57	2020-08-31 13:56 (29)	21		10 - 33
	Alkaline Phosphatase (U/L)	Screening	2020-06-25 15:20 (-7)	77		30 - 115
		Day 29	2020-08-03 13:23 (33)	67		30 - 115

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081129	Alkaline Phosphatase (U/L)	Unscheduled	2020-08-10 13:45 (8)	82		30 - 115
		Day 57	2020-08-31 13:56 (29)	78		30 - 115
	Aspartate Aminotransferase (U/L)	Screening	2020-06-25 15:20 (-7)	18		10 - 36
		Day 29	2020-08-03 13:23 (33)	14		10 - 36
		Unscheduled	2020-08-10 13:45 (8)	20		10 - 36
		Day 57	2020-08-31 13:56 (29)	16		10 - 36
	Basophils (10^9/L)	Screening	2020-06-25 15:20 (-7)	0.03		0 - 0.3
		Day 29	2020-08-03 13:23 (33)	0.03		0 - 0.3
		Unscheduled	2020-08-10 13:45 (8)	0.03		0 - 0.3
		Day 57	2020-08-31 13:56 (29)	0.03		0 - 0.3
	Basophils/Leukocytes (%)	Screening	2020-06-25 15:20 (-7)	0.4		0 - 3
		Day 29	2020-08-03 13:23 (33)	0.6		0 - 3

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081129	Basophils/Leukocytes (%)	Unscheduled	2020-08-10 13:45 (8)	0.5		0 - 3
		Day 57	2020-08-31 13:56 (29)	0.4		0 - 3
	Bilirubin (umol/L)	Screening	2020-06-25 15:20 (-7)	4.8		- 18.8
		Day 29	2020-08-03 13:23 (33)	5.8		- 18.8
		Unscheduled	2020-08-10 13:45 (8)	6.0		- 18.8
		Day 57	2020-08-31 13:56 (29)	3.4		- 18.8
	Creatinine (umol/L)	Screening	2020-06-25 15:20 (-7)	71		62 - 124
		Day 29	2020-08-03 13:23 (33)	71		62 - 124
		Unscheduled	2020-08-10 13:45 (8)	71		62 - 124
		Day 57	2020-08-31 13:56 (29)	71		62 - 124
	Direct Bilirubin (umol/L)	Screening	2020-06-25 15:20 (-7)	<3.4		0 - 6.8
		Day 29	2020-08-03 13:23 (33)	<3.4		0 - 6.8

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081129	Direct Bilirubin (umol/L)	Unscheduled	2020-08-10 13:45 (8)	<3.4		0 - 6.8
		Day 57	2020-08-31 13:56 (29)	<3.4		0 - 6.8
	Eosinophils (10^9/L)	Screening	2020-06-25 15:20 (-7)	0.07		0 - 0.8
		Day 29	2020-08-03 13:23 (33)	0.03		0 - 0.8
		Unscheduled	2020-08-10 13:45 (8)	0.07		0 - 0.8
		Day 57	2020-08-31 13:56 (29)	0.05		0 - 0.8
	Eosinophils/Leukocytes (%)	Screening	2020-06-25 15:20 (-7)	1.0		0 - 7
		Day 29	2020-08-03 13:23 (33)	0.6		0 - 7
		Unscheduled	2020-08-10 13:45 (8)	1.1		0 - 7
		Day 57	2020-08-31 13:56 (29)	0.7		0 - 7
	Erythrocytes (10^12/L)	Screening	2020-06-25 15:20 (-7)	4.50		3.7 - 5.2
		Day 29	2020-08-03 13:23 (33)	4.52		3.7 - 5.2

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081129	Erythrocytes (10^12/L)	Unscheduled	2020-08-10 13:45 (8)	4.58		3.7 - 5.2
		Day 57	2020-08-31 13:56 (29)	4.54		3.7 - 5.2
	Hematocrit (L/L)	Screening	2020-06-25 15:20 (-7)	0.455		0.33 - 0.47
		Day 29	2020-08-03 13:23 (33)	0.449		0.33 - 0.47
		Unscheduled	2020-08-10 13:45 (8)	0.467		0.33 - 0.47
		Day 57	2020-08-31 13:56 (29)	0.453		0.33 - 0.47
	Hemoglobin (g/L)	Screening	2020-06-25 15:20 (-7)	146		110 - 155
		Day 29	2020-08-03 13:23 (33)	147		110 - 155
		Unscheduled	2020-08-10 13:45 (8)	148		110 - 155
		Day 57	2020-08-31 13:56 (29)	145	G1 Hemoglobin Decreased	110 - 155
	Immature Granulocytes (10^9/L)	Screening	2020-06-25 15:20 (-7)	<0.03		0 - 0.07
		Day 29	2020-08-03 13:23 (33)	<0.03		0 - 0.07

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081129	Immature Granulocytes (10^9/L)	Unscheduled	2020-08-10 13:45 (8)	<0.03		0 - 0.07
		Day 57	2020-08-31 13:56 (29)	<0.03		0 - 0.07
	Immature Granulocytes/Leukocytes (%)	Screening	2020-06-25 15:20 (-7)	0.3		0 - 1
		Day 29	2020-08-03 13:23 (33)	0.2		0 - 1
		Unscheduled	2020-08-10 13:45 (8)	0.3		0 - 1
		Day 57	2020-08-31 13:56 (29)	0.3		0 - 1
	Leukocytes (10^9/L)	Screening	2020-06-25 15:20 (-7)	6.88		3.7 - 11
		Day 29	2020-08-03 13:23 (33)	5.08		3.7 - 11
		Unscheduled	2020-08-10 13:45 (8)	6.59		3.7 - 11
		Day 57	2020-08-31 13:56 (29)	7.34		3.7 - 11
	Lymphocytes (10^9/L)	Screening	2020-06-25 15:20 (-7)	2.26		0.9 - 3.6
		Day 29	2020-08-03 13:23 (33)	1.83		0.9 - 3.6

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081129	Lymphocytes (10^9/L)	Unscheduled	2020-08-10 13:45 (8)	2.42		0.9 - 3.6
		Day 57	2020-08-31 13:56 (29)	2.43		0.9 - 3.6
	Lymphocytes/Leukocytes (%)	Screening	2020-06-25 15:20 (-7)	32.8		12 - 46
		Day 29	2020-08-03 13:23 (33)	36.0		12 - 46
		Unscheduled	2020-08-10 13:45 (8)	36.7		12 - 46
		Day 57	2020-08-31 13:56 (29)	33.1		12 - 46
	Monocytes (10^9/L)	Screening	2020-06-25 15:20 (-7)	0.54		0 - 1.2
		Day 29	2020-08-03 13:23 (33)	0.45		0 - 1.2
		Unscheduled	2020-08-10 13:45 (8)	0.54		0 - 1.2
		Day 57	2020-08-31 13:56 (29)	0.49		0 - 1.2
	Monocytes/Leukocytes (%)	Screening	2020-06-25 15:20 (-7)	7.8		0 - 11
		Day 29	2020-08-03 13:23 (33)	8.9		0 - 11

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081129	Monocytes/Leukocytes (%)	Unscheduled	2020-08-10 13:45 (8)	8.2		0 - 11
		Day 57	2020-08-31 13:56 (29)	6.7		0 - 11
	Neutrophils (10^9/L)	Screening	2020-06-25 15:20 (-7)	3.96		1.7 - 7.9
		Day 29	2020-08-03 13:23 (33)	2.73		1.7 - 7.9
		Unscheduled	2020-08-10 13:45 (8)	3.51		1.7 - 7.9
		Day 57	2020-08-31 13:56 (29)	4.32		1.7 - 7.9
	Neutrophils/Leukocytes (%)	Screening	2020-06-25 15:20 (-7)	57.7		34 - 71
		Day 29	2020-08-03 13:23 (33)	53.7		34 - 71
		Unscheduled	2020-08-10 13:45 (8)	53.2		34 - 71
		Day 57	2020-08-31 13:56 (29)	58.8		34 - 71
	Platelets (10^9/L)	Screening	2020-06-25 15:20 (-7)	248		163 - 375
		Day 29	2020-08-03 13:23 (33)	207		163 - 375

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081129	Platelets (10^9/L)	Unscheduled	2020-08-10 13:45 (8)	227		163 - 375
		Day 57	2020-08-31 13:56 (29)	221		163 - 375
	Prothrombin Intl. Normalized Ratio	Screening	2020-06-25 15:20 (-7)	0.9		0.9 - 1.1
		Day 29	2020-08-03 13:23 (33)	0.9		0.9 - 1.1
		Day 57	2020-08-31 13:56 (29)	0.8 (L)		0.9 - 1.1
	Prothrombin Time (sec)	Screening	2020-06-25 15:20 (-7)	10.2		9.4 - 12.5
		Day 29	2020-08-03 13:23 (33)	10.5		9.4 - 12.5
		Day 57	2020-08-31 13:56 (29)	10.2		9.4 - 12.5
	Urea Nitrogen (mmol/L)	Screening	2020-06-25 15:20 (-7)	3.57		1.78 - 7.14
		Day 29	2020-08-03 13:23 (33)	4.28		1.78 - 7.14
		Unscheduled	2020-08-10 13:45 (8)	3.93		1.78 - 7.14
		Day 57	2020-08-31 13:56 (29)	2.86		1.78 - 7.14

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.4
Subjects with Post-Baseline Abnormal Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result	Toxicity Grade	Reference Range
US2081129	Urea Nitrogen/Creatinine	Screening	2020-06-25 15:20 (-7)	12.5		7.8 - 26.7
		Day 29	2020-08-03 13:23 (33)	15.0		7.8 - 26.7
		Unscheduled	2020-08-10 13:45 (8)	13.8		7.8 - 26.7
		Day 57	2020-08-31 13:56 (29)	10.0		7.8 - 26.7

Relative day is defined as days from the most recent injection date.
H = High, L = Low, G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020804.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.5
Pregnancy Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Test Performed	Visit	Date of Test (Relative Day)	Result
US2011030	CHEMILUMINESCENCE	Screening	2020-05-27 10:18 (-6)	NEGATIVE
	Choriogonadotropin Beta ELECTROCHEMILUMINESCENT Choriogonadotropin Beta (IU/L)	Screening	2020-05-27 10:18 (-6)	<0.1
US2011042	Choriogonadotropin Beta	Screening	2020-05-27 (-12)	NEGATIVE
		Day 1	2020-06-08 (1)	NEGATIVE
		Day 29	2020-07-06 (29)	NEGATIVE
US2011060	Choriogonadotropin Beta	Screening	2020-05-28 (-5)	NEGATIVE
		Day 1	2020-06-02 (1)	NEGATIVE
		Day 29	2020-06-30 (29)	NEGATIVE
US2011064	Choriogonadotropin Beta	Screening	2020-05-28 (-5)	NEGATIVE
		Day 1	2020-06-02 (1)	NEGATIVE
		Day 29	2020-07-01 (30)	NEGATIVE
US2021073	Choriogonadotropin Beta	Screening	2020-05-28 (-5)	NEGATIVE
		Day 1	2020-06-02 (1)	NEGATIVE
		Day 29	2020-06-30 (29)	NEGATIVE
US2021096	Choriogonadotropin Beta	Screening	2020-05-28 (-6)	NEGATIVE
		Day 1	2020-06-03 (1)	NEGATIVE
		Day 29	2020-07-02 (30)	NEGATIVE
US2021107	Choriogonadotropin Beta	Screening	2020-05-28 (-6)	NEGATIVE
		Day 1	2020-06-03 (1)	NEGATIVE
		Day 29	2020-07-02 (30)	NEGATIVE

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020805.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.5
Pregnancy Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Test Performed	Visit	Date of Test (Relative Day)	Result
US2021138	Choriogonadotropin Beta	Screening	2020-06-01 (-3)	NEGATIVE
		Day 1	2020-06-04 (1)	NEGATIVE
		Day 29	2020-07-06 (33)	NEGATIVE
US2021144	Choriogonadotropin Beta	Screening	2020-06-02 (-3)	NEGATIVE
		Day 1	2020-06-05 (1)	NEGATIVE
		Day 29	2020-07-06 (32)	NEGATIVE
		Unscheduled	2020-07-31 (26)	NEGATIVE
US2021162	Choriogonadotropin Beta	Screening	2020-06-03 (-5)	NEGATIVE
		Day 1	2020-06-08 (1)	NEGATIVE
US2021175	Choriogonadotropin Beta	Screening	2020-06-04 (-4)	NEGATIVE
		Day 1	2020-06-08 (1)	NEGATIVE
		Day 29	2020-07-08 (31)	NEGATIVE
US2031001	Choriogonadotropin Beta	Screening	2020-05-26 (-3)	NEGATIVE
		Day 1	2020-05-29 (1)	NEGATIVE
US2031014	Choriogonadotropin Beta	Screening	2020-05-26 (-3)	NEGATIVE
		Day 1	2020-05-29 (1)	NEGATIVE
		Day 29	2020-06-29 (32)	NEGATIVE
US2031023	Choriogonadotropin Beta	Screening	2020-05-26 (-3)	NEGATIVE
		Day 1	2020-05-29 (1)	NEGATIVE
		Day 29	2020-07-02 (35)	NEGATIVE
US2031041	Choriogonadotropin Beta	Screening	2020-05-27 (-6)	NEGATIVE

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020805.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.5
Pregnancy Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Test Performed	Visit	Date of Test (Relative Day)	Result
US2031041	Choriogonadotropin Beta	Day 1	2020-06-02 (1)	NEGATIVE
US2031049	Choriogonadotropin Beta	Screening	2020-05-28 (-4)	NEGATIVE
		Day 1	2020-06-01 (1)	NEGATIVE
		Day 29	2020-07-01 (31)	NEGATIVE
US2031058	Choriogonadotropin Beta	Screening	2020-05-28 (-4)	NEGATIVE
		Day 1	2020-06-01 (1)	NEGATIVE
US2031071	Choriogonadotropin Beta	Screening	2020-05-29 (-6)	NEGATIVE
		Day 1	2020-06-04 (1)	NEGATIVE
		Day 29	2020-07-02 (29)	NEGATIVE
US2031074	Choriogonadotropin Beta	Screening	2020-05-29 (-4)	NEGATIVE
		Day 1	2020-06-02 (1)	NEGATIVE
US2031081	Choriogonadotropin Beta	Screening	2020-06-02 (-2)	NEGATIVE
		Day 1	2020-06-04 (1)	NEGATIVE
		Day 29	2020-07-02 (29)	NEGATIVE
US2041005	Choriogonadotropin Beta	Screening	2020-05-26 (-3)	NEGATIVE
		Day 1	2020-05-29 (1)	NEGATIVE
		Day 29	2020-06-26 (29)	NEGATIVE
US2041022	Choriogonadotropin Beta	Screening	2020-05-27 (-9)	NEGATIVE
		Day 1	2020-06-05 (1)	NEGATIVE
		Day 29	2020-07-06 (32)	NEGATIVE

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020805.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.5
Pregnancy Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Test Performed	Visit	Date of Test (Relative Day)	Result
US2041042	Choriogonadotropin Beta	Screening	2020-05-27 (-5)	NEGATIVE
		Day 1	2020-06-01 (1)	NEGATIVE
		Day 29	2020-07-06 (36)	NEGATIVE
US2041043	Choriogonadotropin Beta	Screening	2020-05-28 (-6)	NEGATIVE
		Day 1	2020-06-03 (1)	NEGATIVE
US2041059	Choriogonadotropin Beta	Screening	2020-05-28 (-5)	NEGATIVE
		Day 1	2020-06-02 (1)	NEGATIVE
US2041062	Choriogonadotropin Beta	Screening	2020-05-28 (-5)	NEGATIVE
		Day 1	2020-06-02 (1)	NEGATIVE
		Day 29	2020-06-30 (29)	NEGATIVE
US2041078	Choriogonadotropin Beta	Screening	2020-05-29 (-5)	NEGATIVE
US2041086	Choriogonadotropin Beta	Screening	2020-06-05 (-3)	NEGATIVE
		Day 1	2020-06-08 (1)	NEGATIVE
		Day 29	2020-07-06 (29)	NEGATIVE
US2051022	CHEMILUMINESCENCE Choriogonadotropin Beta	Screening	2020-05-28 08:51 (-6)	NEGATIVE
	Choriogonadotropin Beta	Screening	2020-05-28 (-6)	NEGATIVE
		Day 1	2020-06-03 (1)	NEGATIVE
		Day 29	2020-07-07 (35)	NEGATIVE
	ELECTROCHEMILUMINESCENT Choriogonadotropin Beta (IU/L)	Screening	2020-05-28 08:51 (-6)	0.2

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020805.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.5
Pregnancy Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Test Performed	Visit	Date of Test (Relative Day)	Result
US2051035	CHEMILUMINESCENCE Choriogonadotropin Beta	Screening	2020-05-28 15:20 (-7)	NEGATIVE
	Choriogonadotropin Beta	Screening	2020-05-28 (-7)	NEGATIVE
		Day 1	2020-06-04 (1)	NEGATIVE
		Day 29	2020-07-08 (35)	NEGATIVE
	ELECTROCHEMILUMINESCENT Choriogonadotropin Beta (IU/L)	Screening	2020-05-28 15:20 (-7)	<0.1
US2061003	CHEMILUMINESCENCE Choriogonadotropin Beta	Screening	2020-05-28 10:42 (-7)	NEGATIVE
	Choriogonadotropin Beta	Screening	2020-05-28 (-7)	NEGATIVE
		Day 1	2020-06-04 (1)	NEGATIVE
		Day 29	2020-07-06 (33)	NEGATIVE
	ELECTROCHEMILUMINESCENT Choriogonadotropin Beta (IU/L)	Screening	2020-05-28 10:42 (-7)	<0.1
US2061015	Choriogonadotropin Beta	Screening	2020-05-29 (-5)	NEGATIVE
		Day 1	2020-06-03 (1)	NEGATIVE
		Day 29	2020-07-06 (34)	NEGATIVE
US2061018	Choriogonadotropin Beta	Screening	2020-05-29 (-7)	NEGATIVE
		Day 1	2020-06-05 (1)	NEGATIVE
		Day 29	2020-07-08 (34)	NEGATIVE
US2071044	Choriogonadotropin Beta	Screening	2020-05-28 (-11)	NEGATIVE
		Day 1	2020-06-08 (1)	NEGATIVE
		Day 29	2020-07-09 (32)	NEGATIVE

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020805.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.5
Pregnancy Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Test Performed	Visit	Date of Test (Relative Day)	Result
US2071046	Choriogonadotropin Beta	Screening	2020-05-28 (-7)	NEGATIVE
		Day 1	2020-06-04 (1)	NEGATIVE
		Day 29	2020-07-07 (34)	NEGATIVE
US2071049	Choriogonadotropin Beta	Screening	2020-05-29 (-6)	NEGATIVE
		Day 1	2020-06-04 (1)	NEGATIVE
		Day 29	2020-07-08 (35)	NEGATIVE
US2071059	Choriogonadotropin Beta	Screening	2020-06-01 (-7)	NEGATIVE
		Day 1	2020-06-08 (1)	NEGATIVE
		Day 29	2020-07-07 (30)	NEGATIVE
US2071064	Choriogonadotropin Beta	Screening	2020-06-01 (-4)	NEGATIVE
		Day 1	2020-06-05 (1)	NEGATIVE
		Day 29	2020-07-09 (35)	NEGATIVE
US2071072	Choriogonadotropin Beta	Screening	2020-06-02 (-3)	NEGATIVE
		Day 1	2020-06-05 (1)	NEGATIVE
		Day 29	2020-07-06 (32)	NEGATIVE
US2081033	Choriogonadotropin Beta	Unscheduled	2020-06-17 (16)	NEGATIVE
		Day 29	2020-07-07 (36)	NEGATIVE
US2081049	CHEMILUMINESCENCE Choriogonadotropin Beta	Screening	2020-06-02 10:49 (-7)	NEGATIVE
	Choriogonadotropin Beta	Screening	2020-06-02 (-7)	NEGATIVE
		Day 1	2020-06-09 (1)	NEGATIVE
		Day 29	2020-07-08 (30)	NEGATIVE

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020805.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.5
Pregnancy Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Test Performed	Visit	Date of Test (Relative Day)	Result
US2081049	ELECTROCHEMILUMINESCENT Choriogonadotropin Beta (IU/L)	Screening	2020-06-02 10:49 (-7)	0.4
US2081058	Choriogonadotropin Beta	Screening	2020-06-04 (-4)	NEGATIVE
		Day 1	2020-06-08 (1)	NEGATIVE
		Day 29	2020-07-06 (29)	NEGATIVE

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020805.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.5
Pregnancy Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Test Performed	Visit	Date of Test (Relative Day)	Result
US2011020	Choriogonadotropin Beta	Screening	2020-05-26 (-6)	NEGATIVE
		Day 1	2020-06-01 (1)	NEGATIVE
		Day 29	2020-07-01 (31)	NEGATIVE
US2011029	Choriogonadotropin Beta	Screening	2020-05-27 (-5)	NEGATIVE
		Day 1	2020-06-01 (1)	NEGATIVE
		Day 29	2020-06-29 (29)	NEGATIVE
US2011048	Choriogonadotropin Beta	Screening	2020-05-27 (-5)	NEGATIVE
		Day 1	2020-06-01 (1)	NEGATIVE
		Day 29	2020-06-29 (29)	NEGATIVE
US2011051	Choriogonadotropin Beta	Screening	2020-05-27 (-6)	NEGATIVE
		Day 1	2020-06-02 (1)	NEGATIVE
		Day 29	2020-07-06 (35)	NEGATIVE
US2011055	Choriogonadotropin Beta	Screening	2020-05-28 (-5)	NEGATIVE
		Day 1	2020-06-02 (1)	NEGATIVE
		Day 29	2020-06-30 (29)	NEGATIVE
US2011093	Choriogonadotropin Beta	Screening	2020-06-02 (-6)	NEGATIVE
		Day 1	2020-06-08 (1)	NEGATIVE
		Day 29	2020-07-06 (29)	NEGATIVE
US2011095	Choriogonadotropin Beta	Screening	2020-06-03 (-2)	NEGATIVE
		Day 1	2020-06-05 (1)	NEGATIVE
		Day 29	2020-07-06 (32)	NEGATIVE

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020805.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.5
Pregnancy Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Test Performed	Visit	Date of Test (Relative Day)	Result
US2021058	Choriogonadotropin Beta	Screening	2020-05-27 (-9)	NEGATIVE
		Day 1	2020-06-05 (1)	NEGATIVE
		Day 29	2020-07-07 (33)	NEGATIVE
US2021064	CHEMILUMINESCENCE Choriogonadotropin Beta	Screening	2020-05-27 15:22 (-12)	NEGATIVE
	Choriogonadotropin Beta	Screening	2020-05-27 (-12)	NEGATIVE
		Day 1	2020-06-08 (1)	NEGATIVE
		Day 29	2020-07-09 (32)	NEGATIVE
	ELECTROCHEMILUMINESCENT Choriogonadotropin Beta (IU/L)	Screening	2020-05-27 15:22 (-12)	<0.1
US2021166	Choriogonadotropin Beta	Screening	2020-06-03 (-2)	NEGATIVE
		Day 1	2020-06-05 (1)	NEGATIVE
		Day 29	2020-07-07 (33)	NEGATIVE
US2021167	Choriogonadotropin Beta	Screening	2020-06-03 (-5)	NEGATIVE
		Day 1	2020-06-08 (1)	NEGATIVE
		Day 29	2020-07-07 (30)	NEGATIVE
US2021179	Choriogonadotropin Beta	Screening	2020-06-05 (-3)	NEGATIVE
		Day 1	2020-06-08 (1)	NEGATIVE
		Day 29	2020-07-07 (30)	NEGATIVE
US2031002	Choriogonadotropin Beta	Screening	2020-05-26 (-3)	NEGATIVE
		Day 1	2020-05-29 (1)	NEGATIVE
		Day 29	2020-06-29 (32)	NEGATIVE

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020805.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.5
Pregnancy Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Test Performed	Visit	Date of Test (Relative Day)	Result
US2031030	Choriogonadotropin Beta	Screening	2020-05-27 (-7)	NEGATIVE
		Day 1	2020-06-03 (1)	NEGATIVE
		Day 29	2020-07-01 (29)	NEGATIVE
US2031042	Choriogonadotropin Beta	Screening	2020-05-27 (-8)	NEGATIVE
		Day 1	2020-06-04 (1)	NEGATIVE
		Day 29	2020-07-06 (33)	NEGATIVE
US2031051	Choriogonadotropin Beta	Screening	2020-05-28 (-4)	NEGATIVE
		Day 1	2020-06-01 (1)	NEGATIVE
		Day 29	2020-06-29 (29)	NEGATIVE
US2031066	Choriogonadotropin Beta	Screening	2020-05-29 (-4)	NEGATIVE
		Day 1	2020-06-02 (1)	NEGATIVE
US2031072	Choriogonadotropin Beta	Screening	2020-05-29 (-5)	NEGATIVE
		Day 1	2020-06-03 (1)	NEGATIVE
US2031080	Choriogonadotropin Beta	Screening	2020-06-02 (-2)	NEGATIVE
		Day 1	2020-06-04 (1)	NEGATIVE
		Day 29	2020-07-02 (29)	NEGATIVE
US2041003	Choriogonadotropin Beta	Screening	2020-05-26 (-7)	NEGATIVE
		Day 1	2020-06-02 (1)	NEGATIVE
		Day 29	2020-06-30 (29)	NEGATIVE
US2041006	Choriogonadotropin Beta	Screening	2020-05-26 (-7)	NEGATIVE
		Day 1	2020-06-02 (1)	NEGATIVE

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020805.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.5
Pregnancy Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Test Performed	Visit	Date of Test (Relative Day)	Result
US2041006	Choriogonadotropin Beta	Day 29	2020-07-02 (31)	NEGATIVE
US2041007	Choriogonadotropin Beta	Screening	2020-05-26 (-6)	NEGATIVE
		Day 1	2020-06-01 (1)	NEGATIVE
		Day 29	2020-06-29 (29)	NEGATIVE
US2041012	Choriogonadotropin Beta	Screening	2020-05-26 (-7)	NEGATIVE
		Day 1	2020-06-02 (1)	NEGATIVE
		Day 29	2020-07-07 (36)	NEGATIVE
US2041023	Choriogonadotropin Beta	Screening	2020-05-27 (-5)	NEGATIVE
		Day 1	2020-06-01 (1)	NEGATIVE
		Day 29	2020-06-29 (29)	NEGATIVE
US2041027	Choriogonadotropin Beta	Screening	2020-05-27 (-5)	NEGATIVE
		Day 1	2020-06-01 (1)	NEGATIVE
		Day 29	2020-06-29 (29)	NEGATIVE
US2041030	Choriogonadotropin Beta	Screening	2020-05-27 (-5)	NEGATIVE
		Day 1	2020-06-01 (1)	NEGATIVE
		Day 29	2020-06-30 (30)	NEGATIVE
US2041036	Choriogonadotropin Beta	Screening	2020-05-27 (-6)	NEGATIVE
		Day 1	2020-06-02 (1)	NEGATIVE
		Day 29	2020-06-30 (29)	NEGATIVE
US2041049	Choriogonadotropin Beta	Screening	2020-05-28 (-7)	NEGATIVE
		Day 1	2020-06-04 (1)	NEGATIVE

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020805.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.5
Pregnancy Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Test Performed	Visit	Date of Test (Relative Day)	Result
US2041049	Choriogonadotropin Beta	Day 29	2020-07-14 (41)	NEGATIVE
US2041051	Choriogonadotropin Beta	Screening	2020-05-28 (-5)	NEGATIVE
		Day 1	2020-06-02 (1)	NEGATIVE
		Day 29	2020-06-30 (29)	NEGATIVE
US2041055	Choriogonadotropin Beta	Screening	2020-05-28 (-6)	NEGATIVE
		Day 1	2020-06-03 (1)	NEGATIVE
US2041064	Choriogonadotropin Beta	Screening	2020-05-28 (-11)	NEGATIVE
		Day 1	2020-06-08 (1)	NEGATIVE
		Day 29	2020-07-14 (37)	NEGATIVE
US2041071	Choriogonadotropin Beta	Screening	2020-05-29 (-4)	NEGATIVE
		Day 1	2020-06-02 (1)	NEGATIVE
		Day 29	2020-07-06 (35)	NEGATIVE
US2041077	Choriogonadotropin Beta	Screening	2020-05-29 (-5)	NEGATIVE
		Day 1	2020-06-03 (1)	NEGATIVE
		Day 29	2020-07-01 (29)	NEGATIVE
US2041091	CHEMILUMINESCENCE Choriogonadotropin Beta	Unscheduled	2020-06-08 14:26 (-2)	NEGATIVE
	Choriogonadotropin Beta	Screening	2020-06-05 (-5)	NEGATIVE
		Day 1	2020-06-10 (1)	NEGATIVE
		Day 29	2020-07-10 (31)	NEGATIVE
	ELECTROCHEMILUMINESCENT Choriogonadotropin Beta (IU/L)	Unscheduled	2020-06-08 14:26 (-2)	<0.1

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020805.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.5
Pregnancy Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Test Performed	Visit	Date of Test (Relative Day)	Result
US2041092	Choriogonadotropin Beta	Screening	2020-06-05 (-3)	NEGATIVE
		Day 1	2020-06-08 (1)	NEGATIVE
		Day 29	2020-07-14 (37)	NEGATIVE
US2051008	CHEMILUMINESCENCE Choriogonadotropin Beta	Screening	2020-05-26 14:35 (-3)	NEGATIVE
	Choriogonadotropin Beta	Screening	2020-05-26 (-3)	NEGATIVE
		Day 1	2020-05-29 (1)	NEGATIVE
		Day 29	2020-06-30 (33)	NEGATIVE
	ELECTROCHEMILUMINESCENT Choriogonadotropin Beta (IU/L)	Screening	2020-05-26 14:35 (-3)	<0.1
US2051010	CHEMILUMINESCENCE Choriogonadotropin Beta	Screening	2020-05-27 10:36 (-6)	NEGATIVE
	Choriogonadotropin Beta	Screening	2020-05-27 (-6)	NEGATIVE
		Day 1	2020-06-02 (1)	NEGATIVE
		Day 29	2020-06-30 (29)	NEGATIVE
	ELECTROCHEMILUMINESCENT Choriogonadotropin Beta (IU/L)	Screening	2020-05-27 10:36 (-6)	<0.1
US2051018	CHEMILUMINESCENCE Choriogonadotropin Beta	Screening	2020-05-27 15:13 (-12)	NEGATIVE
	Choriogonadotropin Beta	Screening	2020-05-27 (-12)	NEGATIVE
		Day 1	2020-06-08 (1)	NEGATIVE
		Day 29	2020-07-07 (30)	NEGATIVE
	ELECTROCHEMILUMINESCENT Choriogonadotropin Beta (IU/L)	Screening	2020-05-27 15:13 (-12)	<0.1

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020805.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.5
Pregnancy Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Test Performed	Visit	Date of Test (Relative Day)	Result
US2051027	CHEMILUMINESCENCE Choriogonadotropin Beta	Screening	2020-05-28 11:12 (-11)	NEGATIVE
	Choriogonadotropin Beta	Screening	2020-05-28 (-11)	NEGATIVE
		Day 1	2020-06-08 (1)	NEGATIVE
		Day 29	2020-07-07 (30)	NEGATIVE
	ELECTROCHEMILUMINESCENT Choriogonadotropin Beta (IU/L)	Screening	2020-05-28 11:12 (-11)	<0.1
US2051032	CHEMILUMINESCENCE Choriogonadotropin Beta	Screening	2020-05-28 14:01 (-5)	NEGATIVE
	Choriogonadotropin Beta	Screening	2020-05-28 (-5)	NEGATIVE
		Day 1	2020-06-02 (1)	NEGATIVE
		Unscheduled	2020-07-01 (2)	NEGATIVE
	ELECTROCHEMILUMINESCENT Choriogonadotropin Beta (IU/L)	Screening	2020-05-28 14:01 (-5)	<0.1
US2051033	CHEMILUMINESCENCE Choriogonadotropin Beta	Screening	2020-05-28 14:13 (-7)	NEGATIVE
	Choriogonadotropin Beta	Screening	2020-05-28 (-7)	NEGATIVE
		Day 1	2020-06-04 (1)	NEGATIVE
		Day 29	2020-07-07 (34)	NEGATIVE
		Unscheduled	2020-07-10 (4)	NEGATIVE
	ELECTROCHEMILUMINESCENT Choriogonadotropin Beta (IU/L)	Screening	2020-05-28 14:13 (-7)	<0.1
US2051038	CHEMILUMINESCENCE Choriogonadotropin Beta	Screening	2020-05-29 08:50 (-5)	NEGATIVE
	Choriogonadotropin Beta	Screening	2020-05-29 (-5)	NEGATIVE

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020805.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.5
Pregnancy Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Test Performed	Visit	Date of Test (Relative Day)	Result
US2051038	Choriogonadotropin Beta	Day 1	2020-06-03 (1)	NEGATIVE
		Day 29	2020-07-02 (30)	NEGATIVE
	ELECTROCHEMILUMINESCENT Choriogonadotropin Beta (IU/L)	Screening	2020-05-29 08:50 (-5)	<0.1
US2051043	CHEMILUMINESCENCE Choriogonadotropin Beta	Screening	2020-05-29 13:57 (-5)	NEGATIVE
	Choriogonadotropin Beta	Screening	2020-05-29 (-5)	NEGATIVE
		Day 1	2020-06-03 (1)	NEGATIVE
		Day 29	2020-07-01 (29)	NEGATIVE
	ELECTROCHEMILUMINESCENT Choriogonadotropin Beta (IU/L)	Screening	2020-05-29 13:57 (-5)	<0.1
US2051048	Choriogonadotropin Beta	Day 1	2020-06-09 (1)	NEGATIVE
		Day 29	2020-07-10 (32)	NEGATIVE
US2061001	CHEMILUMINESCENCE Choriogonadotropin Beta	Screening	2020-05-28 09:31 (-7)	NEGATIVE
	Choriogonadotropin Beta	Screening	2020-05-28 (-7)	NEGATIVE
		Day 1	2020-06-04 (1)	NEGATIVE
		Day 29	2020-07-10 (37)	NEGATIVE
	ELECTROCHEMILUMINESCENT Choriogonadotropin Beta (IU/L)	Screening	2020-05-28 09:31 (-7)	<0.1
US2061006	CHEMILUMINESCENCE Choriogonadotropin Beta	Screening	2020-05-28 12:02 (-6)	NEGATIVE
	ELECTROCHEMILUMINESCENT Choriogonadotropin Beta (IU/L)	Screening	2020-05-28 12:02 (-6)	<0.1

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020805.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.5
Pregnancy Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Test Performed	Visit	Date of Test (Relative Day)	Result
US2061009	Choriogonadotropin Beta	Screening	2020-05-28 (-6)	NEGATIVE
		Day 1	2020-06-03 (1)	NEGATIVE
		Day 29	2020-07-07 (35)	NEGATIVE
US2061011	Choriogonadotropin Beta	Screening	2020-05-28 (-6)	NEGATIVE
		Day 1	2020-06-03 (1)	NEGATIVE
		Day 29	2020-07-06 (34)	NEGATIVE
US2071001	Choriogonadotropin Beta	Screening	2020-05-22 (-7)	NEGATIVE
		Day 1	2020-05-29 (1)	NEGATIVE
		Day 29	2020-06-30 (33)	NEGATIVE
US2071003	Choriogonadotropin Beta	Screening	2020-05-22 (-10)	NEGATIVE
		Day 1	2020-06-01 (1)	NEGATIVE
		Day 29	2020-06-30 (30)	NEGATIVE
US2071030	Choriogonadotropin Beta	Screening	2020-05-26 (-8)	NEGATIVE
		Day 1	2020-06-03 (1)	NEGATIVE
		Day 29	2020-07-06 (34)	NEGATIVE
US2071067	Choriogonadotropin Beta	Screening	2020-06-01 (-4)	NEGATIVE
		Day 1	2020-06-05 (1)	NEGATIVE
		Day 29	2020-07-08 (34)	NEGATIVE
US2071081	Choriogonadotropin Beta	Screening	2020-06-05 (-3)	NEGATIVE
		Day 29	2020-07-07 (30)	NEGATIVE

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020805.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.5
Pregnancy Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Test Performed	Visit	Date of Test (Relative Day)	Result
US2081039	CHEMILUMINESCENCE Choriogonadotropin Beta	Screening	2020-06-01 10:55 (-7)	NEGATIVE
	Choriogonadotropin Beta	Screening	2020-06-01 (-7)	NEGATIVE
		Day 1	2020-06-08 (1)	NEGATIVE
		Day 29	2020-07-08 (31)	NEGATIVE
	ELECTROCHEMILUMINESCENT Choriogonadotropin Beta (IU/L)	Screening	2020-06-01 10:55 (-7)	0.1
US2081059	Choriogonadotropin Beta	Screening	2020-06-04 (-4)	NEGATIVE
		Day 1	2020-06-08 (1)	NEGATIVE
		Day 29	2020-07-13 (36)	NEGATIVE

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020805.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.5
Pregnancy Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Test Performed	Visit	Date of Test (Relative Day)	Result
US2011046	Choriogonadotropin Beta	Screening	2020-05-27 (-6)	NEGATIVE
		Day 1	2020-06-02 (1)	NEGATIVE
		Day 29	2020-07-01 (30)	NEGATIVE
US2011080	Choriogonadotropin Beta	Screening	2020-05-29 (-5)	NEGATIVE
		Day 1	2020-06-03 (1)	NEGATIVE
		Day 29	2020-07-01 (29)	NEGATIVE
US2011085	Choriogonadotropin Beta	Screening	2020-05-29 (-5)	NEGATIVE
		Day 1	2020-06-03 (1)	NEGATIVE
		Day 29	2020-07-01 (29)	NEGATIVE
US2011089	Choriogonadotropin Beta	Screening	2020-06-01 (-4)	NEGATIVE
		Day 1	2020-06-05 (1)	NEGATIVE
		Day 29	2020-07-10 (36)	NEGATIVE
US2021059	Choriogonadotropin Beta	Screening	2020-05-27 (-6)	NEGATIVE
		Day 1	2020-06-02 (1)	NEGATIVE
		Day 29	2020-07-02 (31)	NEGATIVE
US2021063	Choriogonadotropin Beta	Screening	2020-05-27 (-8)	NEGATIVE
		Day 1	2020-06-04 (1)	NEGATIVE
		Day 29	2020-07-07 (34)	NEGATIVE
US2021074	Choriogonadotropin Beta	Screening	2020-05-28 (-5)	NEGATIVE
		Day 1	2020-06-02 (1)	NEGATIVE
		Day 29	2020-07-07 (36)	NEGATIVE

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020805.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.5
Pregnancy Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Test Performed	Visit	Date of Test (Relative Day)	Result
US2021093	Choriogonadotropin Beta	Screening	2020-05-28 (-6)	NEGATIVE
		Day 1	2020-06-03 (1)	NEGATIVE
		Day 29	2020-07-06 (34)	NEGATIVE
US2021101	Choriogonadotropin Beta	Screening	2020-05-28 (-11)	NEGATIVE
		Day 1	2020-06-08 (1)	NEGATIVE
		Day 29	2020-07-09 (32)	NEGATIVE
US2021121	Choriogonadotropin Beta	Screening	2020-05-29 (-5)	NEGATIVE
		Day 1	2020-06-03 (1)	NEGATIVE
		Day 29	2020-07-01 (29)	NEGATIVE
US2021145	Choriogonadotropin Beta	Screening	2020-06-02 (-2)	NEGATIVE
		Day 1	2020-06-04 (1)	NEGATIVE
		Day 29	2020-07-09 (36)	NEGATIVE
US2021154	Choriogonadotropin Beta	Screening	2020-06-03 (-2)	NEGATIVE
		Day 1	2020-06-05 (1)	NEGATIVE
		Day 29	2020-07-08 (34)	NEGATIVE
US2021164	Choriogonadotropin Beta	Screening	2020-06-03 (-5)	NEGATIVE
		Day 1	2020-06-08 (1)	NEGATIVE
		Day 29	2020-07-08 (31)	NEGATIVE
US2021182	Choriogonadotropin Beta	Screening	2020-06-05 (-3)	NEGATIVE
		Day 1	2020-06-08 (1)	NEGATIVE
		Day 29	2020-07-07 (30)	NEGATIVE

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020805.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.5
Pregnancy Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Test Performed	Visit	Date of Test (Relative Day)	Result
US2031012	Choriogonadotropin Beta	Screening	2020-05-26 (-6)	NEGATIVE
		Day 1	2020-06-01 (1)	NEGATIVE
		Day 29	2020-06-29 (29)	NEGATIVE
US2031013	Choriogonadotropin Beta	Screening	2020-05-26 (-7)	NEGATIVE
		Day 1	2020-06-02 (1)	NEGATIVE
		Day 29	2020-06-30 (29)	NEGATIVE
US2031026	Choriogonadotropin Beta	Screening	2020-05-27 (-2)	NEGATIVE
		Day 1	2020-05-29 (1)	NEGATIVE
		Day 29	2020-06-26 (29)	NEGATIVE
US2031035	Choriogonadotropin Beta	Screening	2020-05-27 (-5)	NEGATIVE
		Day 1	2020-06-01 (1)	NEGATIVE
US2031047	Choriogonadotropin Beta	Screening	2020-05-27 (-5)	NEGATIVE
		Day 1	2020-06-01 (1)	NEGATIVE
		Day 29	2020-06-29 (29)	NEGATIVE
US2031050	Choriogonadotropin Beta	Screening	2020-05-28 (-6)	NEGATIVE
		Day 1	2020-06-03 (1)	NEGATIVE
		Day 29	2020-07-01 (29)	NEGATIVE
US2031060	Choriogonadotropin Beta	Screening	2020-05-28 (-7)	NEGATIVE
		Day 1	2020-06-04 (1)	NEGATIVE
		Day 29	2020-07-02 (29)	NEGATIVE
US2031062	Choriogonadotropin Beta	Screening	2020-05-28 (-7)	NEGATIVE

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020805.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.5
Pregnancy Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Test Performed	Visit	Date of Test (Relative Day)	Result
US2031062	Choriogonadotropin Beta	Day 1	2020-06-04 (1)	NEGATIVE
		Day 29	2020-07-02 (29)	NEGATIVE
US2031079	Choriogonadotropin Beta	Screening	2020-06-02 (-2)	NEGATIVE
		Day 1	2020-06-04 (1)	NEGATIVE
		Day 29	2020-07-02 (29)	NEGATIVE
US2041010	Choriogonadotropin Beta	Screening	2020-05-26 (-3)	NEGATIVE
		Day 1	2020-05-29 (1)	NEGATIVE
		Day 29	2020-06-29 (32)	NEGATIVE
US2041048	Choriogonadotropin Beta	Screening	2020-05-28 (-5)	NEGATIVE
		Day 1	2020-06-02 (1)	NEGATIVE
		Day 29	2020-07-01 (30)	NEGATIVE
US2041060	Choriogonadotropin Beta	Screening	2020-05-28 (-5)	NEGATIVE
		Day 1	2020-06-02 (1)	NEGATIVE
		Day 29	2020-07-01 (30)	NEGATIVE
US2041079	Choriogonadotropin Beta	Screening	2020-05-29 (-5)	NEGATIVE
		Day 1	2020-06-03 (1)	NEGATIVE
		Day 29	2020-07-07 (35)	NEGATIVE
US2041080	Choriogonadotropin Beta	Screening	2020-05-29 (-5)	NEGATIVE
		Day 1	2020-06-03 (1)	NEGATIVE
		Day 29	2020-07-01 (29)	NEGATIVE

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020805.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.5
Pregnancy Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Test Performed	Visit	Date of Test (Relative Day)	Result
US2051002	CHEMILUMINESCENCE Choriogonadotropin Beta	Screening	2020-05-26 10:06 (-7)	NEGATIVE
	Choriogonadotropin Beta	Screening	2020-05-26 (-7)	NEGATIVE
		Day 1	2020-06-02 (1)	NEGATIVE
		Day 29	2020-07-02 (31)	NEGATIVE
	ELECTROCHEMILUMINESCENT Choriogonadotropin Beta (IU/L)	Screening	2020-05-26 10:06 (-7)	<0.1
US2051019	CHEMILUMINESCENCE Choriogonadotropin Beta	Screening	2020-05-27 15:35 (-13)	NEGATIVE
	Choriogonadotropin Beta	Screening	2020-05-27 (-13)	NEGATIVE
		Day 1	2020-06-09 (1)	NEGATIVE
		Day 29	2020-07-07 (29)	NEGATIVE
	ELECTROCHEMILUMINESCENT Choriogonadotropin Beta (IU/L)	Screening	2020-05-27 15:35 (-13)	<0.1
US2051020	CHEMILUMINESCENCE Choriogonadotropin Beta	Screening	2020-05-27 16:00 (-8)	NEGATIVE
	Choriogonadotropin Beta	Screening	2020-05-27 (-8)	NEGATIVE
		Day 1	2020-06-04 (1)	NEGATIVE
		Day 29	2020-07-02 (29)	NEGATIVE
	ELECTROCHEMILUMINESCENT Choriogonadotropin Beta (IU/L)	Screening	2020-05-27 16:00 (-8)	0.5
US2051024	CHEMILUMINESCENCE Choriogonadotropin Beta	Screening	2020-05-28 10:00 (-5)	NEGATIVE
	Choriogonadotropin Beta	Screening	2020-05-28 (-5)	NEGATIVE
		Day 1	2020-06-02 (1)	NEGATIVE

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020805.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.5
Pregnancy Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Test Performed	Visit	Date of Test (Relative Day)	Result
US2051024	Choriogonadotropin Beta	Day 29	2020-07-07 (36)	NEGATIVE
	ELECTROCHEMILUMINESCENT Choriogonadotropin Beta (IU/L)	Screening	2020-05-28 10:00 (-5)	<0.1
US2051025	CHEMILUMINESCENCE Choriogonadotropin Beta	Screening	2020-05-28 10:37 (-8)	NEGATIVE
	Choriogonadotropin Beta	Screening	2020-05-28 (-8)	NEGATIVE
		Day 1	2020-06-05 (1)	NEGATIVE
		Day 29	2020-07-09 (35)	NEGATIVE
	ELECTROCHEMILUMINESCENT Choriogonadotropin Beta (IU/L)	Screening	2020-05-28 10:37 (-8)	<0.1
US2051030	CHEMILUMINESCENCE Choriogonadotropin Beta	Screening	2020-05-28 13:11 (-6)	NEGATIVE
	Choriogonadotropin Beta	Screening	2020-05-28 (-6)	NEGATIVE
		Day 1	2020-06-03 (1)	NEGATIVE
		Day 29	2020-07-06 (34)	NEGATIVE
	ELECTROCHEMILUMINESCENT Choriogonadotropin Beta (IU/L)	Screening	2020-05-28 13:11 (-6)	<0.1
US2061023	Choriogonadotropin Beta	Screening	2020-05-29 (-7)	NEGATIVE
		Day 1	2020-06-05 (1)	NEGATIVE
		Day 29	2020-07-06 (32)	NEGATIVE
US2061027	Choriogonadotropin Beta	Screening	2020-06-02 (-3)	NEGATIVE
		Day 1	2020-06-05 (1)	NEGATIVE
		Day 29	2020-07-08 (34)	NEGATIVE

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020805.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.5
Pregnancy Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Test Performed	Visit	Date of Test (Relative Day)	Result
US2071002	Choriogonadotropin Beta	Screening	2020-05-22 (-10)	NEGATIVE
		Day 1	2020-06-01 (1)	NEGATIVE
		Day 29	2020-06-30 (30)	NEGATIVE
US2071073	Choriogonadotropin Beta	Screening	2020-06-02 (-6)	NEGATIVE
		Day 1	2020-06-08 (1)	NEGATIVE
		Day 29	2020-07-07 (30)	NEGATIVE

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020805.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.5
Pregnancy Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Test Performed	Visit	Date of Test (Relative Day)	Result
US2061046	CHEMILUMINESCENCE	Screening	2020-06-11 10:47 (-18)	INCONCLUSIVE
	Choriogonadotropin Beta ELECTROCHEMILUMINESCENT Choriogonadotropin Beta (IU/L)	Screening	2020-06-11 10:47 (-18)	2.3

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020805.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.5
Pregnancy Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Test Performed	Visit	Date of Test (Relative Day)	Result
US2031104	Choriogonadotropin Beta	Screening	2020-06-10 (-16)	NEGATIVE
		Day 1	2020-06-26 (1)	NEGATIVE
		Day 29	2020-07-31 (36)	NEGATIVE
US2041109	CHEMILUMINESCENCE Choriogonadotropin Beta	Screening	2020-06-11 10:10 (-15)	INCONCLUSIVE
	ELECTROCHEMILUMINESCENT Choriogonadotropin Beta (IU/L)	Screening	2020-06-11 10:10 (-15)	1.0

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020805.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.5
Pregnancy Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Test Performed	Visit	Date of Test (Relative Day)	Result
US2041123	CHEMILUMINESCENCE Choriogonadotropin Beta	Screening	2020-06-12 09:18 (-14)	INCONCLUSIVE
	ELECTROCHEMILUMINESCENT Choriogonadotropin Beta (IU/L)	Screening	2020-06-12 09:18 (-14)	1.4
US2041125	CHEMILUMINESCENCE Choriogonadotropin Beta	Screening	2020-06-12 11:30 (-17)	INCONCLUSIVE
	ELECTROCHEMILUMINESCENT Choriogonadotropin Beta (IU/L)	Screening	2020-06-12 11:30 (-17)	6.5
US2041126	CHEMILUMINESCENCE Choriogonadotropin Beta	Screening	2020-06-12 12:00 (-14)	INCONCLUSIVE
	ELECTROCHEMILUMINESCENT Choriogonadotropin Beta (IU/L)	Screening	2020-06-12 12:00 (-14)	3.6
US2081076	Choriogonadotropin Beta	Screening	2020-06-16 (-15)	NEGATIVE
		Unscheduled	2020-07-09 (9)	NEGATIVE
		Day 29	2020-08-05 (36)	NEGATIVE
US2081099	Choriogonadotropin Beta	Screening	2020-06-22 (-4)	NEGATIVE

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020805.sas 19NOV2020 01:51 Database Lock Date: 05NOV2020

Listing 16.2.8.6
Other Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result
US2011030	Hepatitis B Virus Surface Antigen	Screening	2020-05-27 10:18 (-6)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-27 10:18 (-6)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-27 10:18 (-6)	NEGATIVE
US2011042	Hepatitis B Virus Surface Antigen	Screening	2020-05-27 13:19 (-12)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-27 13:19 (-12)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-27 13:19 (-12)	NEGATIVE
US2011043	Hepatitis B Virus Surface Antigen	Screening	2020-05-27 14:55 (-5)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-27 14:55 (-5)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-27 14:55 (-5)	NEGATIVE
US2011056	Hepatitis B Virus Surface Antigen	Screening	2020-05-28 08:27 (-5)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-28 08:27 (-5)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-28 08:27 (-5)	NEGATIVE
US2011057	Hepatitis B Virus Surface Antigen	Screening	2020-05-28 08:50 (-5)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-28 08:50 (-5)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-28 08:50 (-5)	NEGATIVE
US2011060	Hepatitis B Virus Surface Antigen	Screening	2020-05-28 10:19 (-5)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-28 10:19 (-5)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-28 10:19 (-5)	NEGATIVE
US2011064	Hepatitis B Virus Surface Antigen	Screening	2020-05-28 12:03 (-5)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-28 12:03 (-5)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-28 12:03 (-5)	NEGATIVE

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020806.sas 19NOV2020 01:52 Database Lock Date: 05NOV2020

Listing 16.2.8.6
Other Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result
US2011067	Hepatitis B Virus Surface Antigen	Screening	2020-05-28 13:36 (-6)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-28 13:36 (-6)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-28 13:36 (-6)	NEGATIVE
US2011068	Hepatitis B Virus Surface Antigen	Screening	2020-05-28 13:16 (-5)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-28 13:16 (-5)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-28 13:16 (-5)	NEGATIVE
US2011069	Hepatitis B Virus Surface Antigen	Screening	2020-05-28 14:31 (-5)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-28 14:31 (-5)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-28 14:31 (-5)	NEGATIVE
US2011070	Hepatitis B Virus Surface Antigen	Screening	2020-05-28 14:20 (-8)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-28 14:20 (-8)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-28 14:20 (-8)	NEGATIVE
US2011086	Hepatitis B Virus Surface Antigen	Screening	2020-05-29 17:09 (-4)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-29 17:09 (-4)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-29 17:09 (-4)	NEGATIVE
US2011088	Hepatitis B Virus Surface Antigen	Screening	2020-06-01 09:35 (-3)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-01 09:35 (-3)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-01 09:35 (-3)	NEGATIVE
US2021061	Hepatitis B Virus Surface Antigen	Screening	2020-05-27 15:15 (-6)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-27 15:15 (-6)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-27 15:15 (-6)	NEGATIVE

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Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020806.sas 19NOV2020 01:52 Database Lock Date: 05NOV2020

Listing 16.2.8.6
Other Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result
US2021062	Hepatitis B Virus Surface Antigen	Screening	2020-05-27 15:10 (-8)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-27 15:10 (-8)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-27 15:10 (-8)	NEGATIVE
US2021073	Hepatitis B Virus Surface Antigen	Screening	2020-05-28 09:50 (-5)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-28 09:50 (-5)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-28 09:50 (-5)	NEGATIVE
US2021078	Hepatitis B Virus Surface Antigen	Screening	2020-05-28 10:30 (-6)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-28 10:30 (-6)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-28 10:30 (-6)	NEGATIVE
US2021082	Hepatitis B Virus Surface Antigen	Screening	2020-05-28 12:39 (-6)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-28 12:39 (-6)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-28 12:39 (-6)	NEGATIVE
US2021089	Hepatitis B Virus Surface Antigen	Screening	2020-05-28 12:56 (-11)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-28 12:56 (-11)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-28 12:56 (-11)	NEGATIVE
US2021094	Hepatitis B Virus Surface Antigen	Screening	2020-05-28 14:11 (-8)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-28 14:11 (-8)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-28 14:11 (-8)	NEGATIVE
US2021096	Hepatitis B Virus Surface Antigen	Screening	2020-05-28 15:02 (-6)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-28 15:02 (-6)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-28 15:02 (-6)	NEGATIVE

Relative day is defined as days from the most recent injection date.

Listing 16.2.8.6
Other Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result
US2021107	Hepatitis B Virus Surface Antigen	Screening	2020-05-28 18:15 (-6)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-28 18:15 (-6)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-28 18:15 (-6)	NEGATIVE
US2021111	Hepatitis B Virus Surface Antigen	Screening	2020-05-29 09:32 (-10)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-29 09:32 (-10)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-29 09:32 (-10)	NEGATIVE
US2021135	Hepatitis B Virus Surface Antigen	Screening	2020-06-01 15:44 (-4)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-01 15:44 (-4)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-01 15:44 (-4)	NEGATIVE
US2021137	Hepatitis B Virus Surface Antigen	Screening	2020-06-01 16:14 (-7)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-01 16:14 (-7)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-01 16:14 (-7)	NEGATIVE
US2021138	Hepatitis B Virus Surface Antigen	Screening	2020-06-01 17:09 (-3)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-01 17:09 (-3)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-01 17:09 (-3)	NEGATIVE
US2021144	Hepatitis B Virus Surface Antigen	Screening	2020-06-02 16:55 (-3)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-02 16:55 (-3)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-02 16:55 (-3)	NEGATIVE
US2021155	Hepatitis B Virus Surface Antigen	Screening	2020-06-03 10:55 (-5)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-03 10:55 (-5)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-03 10:55 (-5)	NEGATIVE

Relative day is defined as days from the most recent injection date.

Listing 16.2.8.6
Other Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result
US2021161	Hepatitis B Virus Surface Antigen	Screening	2020-06-03 13:16 (-5)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-03 13:16 (-5)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-03 13:16 (-5)	NEGATIVE
US2021162	Hepatitis B Virus Surface Antigen	Screening	2020-06-03 13:10 (-5)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-03 13:10 (-5)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-03 13:10 (-5)	NEGATIVE
US2021175	Hepatitis B Virus Surface Antigen	Screening	2020-06-04 16:40 (-4)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-04 16:40 (-4)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-04 16:40 (-4)	NEGATIVE
US2031001	Hepatitis B Virus Surface Antigen	Screening	2020-05-26 08:17 (-3)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-26 08:17 (-3)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-26 08:17 (-3)	NEGATIVE
US2031009	Hepatitis B Virus Surface Antigen	Screening	2020-05-26 10:44 (-6)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-26 10:44 (-6)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-26 10:44 (-6)	NEGATIVE
US2031014	Hepatitis B Virus Surface Antigen	Screening	2020-05-26 11:37 (-3)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-26 11:37 (-3)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-26 11:37 (-3)	NEGATIVE
US2031022	Hepatitis B Virus Surface Antigen	Screening	2020-05-26 15:23 (-3)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-26 15:23 (-3)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-26 15:23 (-3)	NEGATIVE

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020806.sas 19NOV2020 01:52 Database Lock Date: 05NOV2020

Listing 16.2.8.6
Other Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result
US2031023	Hepatitis B Virus Surface Antigen	Screening	2020-05-26 16:04 (-3)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-26 16:04 (-3)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-26 16:04 (-3)	NEGATIVE
US2031029	Hepatitis B Virus Surface Antigen	Screening	2020-05-27 08:47 (-6)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-27 08:47 (-6)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-27 08:47 (-6)	NEGATIVE
US2031038	Hepatitis B Virus Surface Antigen	Screening	2020-05-27 11:06 (-7)	NEGATIVE
		Unscheduled	2020-06-01 07:30 (-2)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-27 11:06 (-7)	NEGATIVE
		Unscheduled	2020-06-01 07:30 (-2)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-27 11:06 (-7)	NEGATIVE
		Unscheduled	2020-06-01 07:30 (-2)	NEGATIVE
US2031040	Hepatitis B Virus Surface Antigen	Screening	2020-05-27 11:44 (-5)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-27 11:44 (-5)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-27 11:44 (-5)	NEGATIVE
US2031041	Hepatitis B Virus Surface Antigen	Screening	2020-05-27 12:05 (-6)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-27 12:05 (-6)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-27 12:05 (-6)	NEGATIVE
US2031043	Hepatitis B Virus Surface Antigen	Screening	2020-05-27 13:20 (-8)	NEGATIVE
		Unscheduled	2020-06-01 16:08 (-3)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-27 13:20 (-8)	NEGATIVE
		Unscheduled	2020-06-01 16:08 (-3)	NEGATIVE

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020806.sas 19NOV2020 01:52 Database Lock Date: 05NOV2020

Listing 16.2.8.6
Other Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result
US2031043	Human Immunodeficiency Virus	Screening	2020-05-27 13:20 (-8)	NEGATIVE
		Unscheduled	2020-06-01 16:08 (-3)	NEGATIVE
US2031045	Hepatitis B Virus Surface Antigen	Screening	2020-05-27 15:28 (-6)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-27 15:28 (-6)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-27 15:28 (-6)	NEGATIVE
US2031048	Hepatitis B Virus Surface Antigen	Screening	2020-05-28 08:09 (-4)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-28 08:09 (-4)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-28 08:09 (-4)	NEGATIVE
US2031049	Hepatitis B Virus Surface Antigen	Screening	2020-05-28 08:39 (-4)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-28 08:39 (-4)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-28 08:39 (-4)	NEGATIVE
US2031058	Hepatitis B Virus Surface Antigen	Screening	2020-05-28 16:35 (-4)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-28 16:35 (-4)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-28 16:35 (-4)	NEGATIVE
US2031071	Hepatitis B Virus Surface Antigen	Screening	2020-05-29 11:58 (-6)	NEGATIVE
		Unscheduled	2020-06-01 14:34 (-3)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-29 11:58 (-6)	NEGATIVE
		Unscheduled	2020-06-01 14:34 (-3)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-29 11:58 (-6)	NEGATIVE
		Unscheduled	2020-06-01 14:34 (-3)	NEGATIVE
US2031074	Hepatitis B Virus Surface Antigen	Screening	2020-05-29 14:09 (-4)	NEGATIVE

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020806.sas 19NOV2020 01:52 Database Lock Date: 05NOV2020

Listing 16.2.8.6
Other Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result
US2031074	Hepatitis B Virus Surface Antigen	Unscheduled	2020-06-15 15:23 (14)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-29 14:09 (-4)	NEGATIVE
		Unscheduled	2020-06-15 15:23 (14)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-29 14:09 (-4)	NEGATIVE
		Unscheduled	2020-06-15 15:23 (14)	NEGATIVE
US2031081	Hepatitis B Virus Surface Antigen	Screening	2020-06-02 13:32 (-2)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-02 13:32 (-2)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-02 13:32 (-2)	NEGATIVE
US2041005	Hepatitis B Virus Surface Antigen	Screening	2020-05-26 09:44 (-3)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-26 09:44 (-3)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-26 09:44 (-3)	NEGATIVE
US2041011	Hepatitis B Virus Surface Antigen	Screening	2020-05-26 11:23 (-6)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-26 11:23 (-6)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-26 11:23 (-6)	NEGATIVE
US2041014	Hepatitis B Virus Surface Antigen	Screening	2020-05-26 13:54 (-3)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-26 13:54 (-3)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-26 13:54 (-3)	NEGATIVE
US2041019	Hepatitis B Virus Surface Antigen	Screening	2020-05-26 15:00 (-7)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-26 15:00 (-7)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-26 15:00 (-7)	NEGATIVE
US2041020	Hepatitis B Virus Surface Antigen	Screening	2020-05-26 15:13 (-8)	NEGATIVE

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020806.sas 19NOV2020 01:52 Database Lock Date: 05NOV2020

Listing 16.2.8.6
Other Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result
US2041020	Hepatitis B Virus Surface Antigen	Unscheduled	2020-06-01 07:39 (-2)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-26 15:13 (-8)	NEGATIVE
		Unscheduled	2020-06-01 07:39 (-2)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-26 15:13 (-8)	NEGATIVE
		Unscheduled	2020-06-01 07:39 (-2)	NEGATIVE
US2041022	HCV Viral Load	Screening	2020-05-27 08:05 (-9)	NOT DETECTED
	Hepatitis B Virus Surface Antigen	Screening	2020-05-27 08:05 (-9)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-27 08:05 (-9)	POSITIVE
	Human Immunodeficiency Virus	Screening	2020-05-27 08:05 (-9)	NEGATIVE
US2041025	Hepatitis B Virus Surface Antigen	Screening	2020-05-27 09:00 (-6)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-27 09:00 (-6)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-27 09:00 (-6)	NEGATIVE
US2041029	Hepatitis B Virus Surface Antigen	Screening	2020-05-27 11:14 (-5)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-27 11:14 (-5)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-27 11:14 (-5)	NEGATIVE
US2041034	Hepatitis B Virus Surface Antigen	Screening	2020-05-27 13:52 (-5)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-27 13:52 (-5)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-27 13:52 (-5)	NEGATIVE
US2041042	Hepatitis B Virus Surface Antigen	Screening	2020-05-27 16:22 (-5)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-27 16:22 (-5)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-27 16:22 (-5)	NEGATIVE

Relative day is defined as days from the most recent injection date.

Listing 16.2.8.6
Other Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result
US2041043	Hepatitis B Virus Surface Antigen	Screening	2020-05-28 07:36 (-6)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-28 07:36 (-6)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-28 07:36 (-6)	NEGATIVE
US2041056	Hepatitis B Virus Surface Antigen	Screening	2020-05-28 13:35 (-5)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-28 13:35 (-5)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-28 13:35 (-5)	NEGATIVE
US2041059	Hepatitis B Virus Surface Antigen	Screening	2020-05-28 15:02 (-5)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-28 15:02 (-5)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-28 15:02 (-5)	NEGATIVE
US2041062	Hepatitis B Virus Surface Antigen	Screening	2020-05-28 15:55 (-5)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-28 15:55 (-5)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-28 15:55 (-5)	NEGATIVE
US2041078	Hepatitis B Virus Surface Antigen	Screening	2020-05-29 11:34 (-5)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-29 11:34 (-5)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-29 11:34 (-5)	NEGATIVE
US2041086	Hepatitis B Virus Surface Antigen	Screening	2020-06-05 08:38 (-3)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-05 08:38 (-3)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-05 08:38 (-3)	NEGATIVE
US2041089	Hepatitis B Virus Surface Antigen	Screening	2020-06-05 10:18 (-3)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-05 10:18 (-3)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-05 10:18 (-3)	NEGATIVE

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020806.sas 19NOV2020 01:52 Database Lock Date: 05NOV2020

Listing 16.2.8.6
Other Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result
US2041090	Hepatitis B Virus Surface Antigen	Screening	2020-06-05 10:48 (-3)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-05 10:48 (-3)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-05 10:48 (-3)	NEGATIVE
US2051022	Hepatitis B Virus Surface Antigen	Screening	2020-05-28 08:51 (-6)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-28 08:51 (-6)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-28 08:51 (-6)	NEGATIVE
US2051035	Hepatitis B Virus Surface Antigen	Screening	2020-05-28 15:20 (-7)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-28 15:20 (-7)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-28 15:20 (-7)	NEGATIVE
US2051036	Hepatitis B Virus Surface Antigen	Screening	2020-05-28 15:43 (-5)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-28 15:43 (-5)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-28 15:43 (-5)	NEGATIVE
US2051044	Hepatitis B Virus Surface Antigen	Screening	2020-06-03 12:37 (-2)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-03 12:37 (-2)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-03 12:37 (-2)	NEGATIVE
US2061003	Hepatitis B Virus Surface Antigen	Screening	2020-05-28 10:42 (-7)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-28 10:42 (-7)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-28 10:42 (-7)	NEGATIVE
US2061015	Hepatitis B Virus Surface Antigen	Screening	2020-05-29 09:02 (-5)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-29 09:02 (-5)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-29 09:02 (-5)	NEGATIVE

Relative day is defined as days from the most recent injection date.

Listing 16.2.8.6
Other Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result
US2061018	Hepatitis B Virus Surface Antigen	Screening	2020-05-29 09:55 (-7)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-29 09:55 (-7)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-29 09:55 (-7)	NEGATIVE
US2061021	Hepatitis B Virus Surface Antigen	Screening	2020-05-29 11:22 (-6)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-29 11:22 (-6)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-29 11:22 (-6)	NEGATIVE
US2061022	Hepatitis B Virus Surface Antigen	Screening	2020-05-29 14:20 (-5)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-29 14:20 (-5)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-29 14:20 (-5)	NEGATIVE
US2061024	Hepatitis B Virus Surface Antigen	Screening	2020-05-29 14:31 (-5)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-29 14:31 (-5)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-29 14:31 (-5)	NEGATIVE
US2061032	Hepatitis B Virus Surface Antigen	Screening	2020-06-03 16:11 (-2)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-03 16:11 (-2)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-03 16:11 (-2)	NEGATIVE
US2071012	Hepatitis B Virus Surface Antigen	Screening	2020-05-25 15:02 (-9)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-25 15:02 (-9)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-25 15:02 (-9)	NEGATIVE
US2071014	Hepatitis B Virus Surface Antigen	Screening	2020-05-25 16:31 (-9)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-25 16:31 (-9)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-25 16:31 (-9)	NEGATIVE

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020806.sas 19NOV2020 01:52 Database Lock Date: 05NOV2020

Listing 16.2.8.6
Other Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result
US2071017	Hepatitis B Virus Surface Antigen	Screening	2020-05-25 17:29 (-8)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-25 17:29 (-8)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-25 17:29 (-8)	NEGATIVE
US2071022	Hepatitis B Virus Surface Antigen	Screening	2020-05-26 09:43 (-8)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-26 09:43 (-8)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-26 09:43 (-8)	NEGATIVE
US2071042	Hepatitis B Virus Surface Antigen	Screening	2020-05-28 11:50 (-7)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-28 11:50 (-7)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-28 11:50 (-7)	NEGATIVE
US2071044	Hepatitis B Virus Surface Antigen	Screening	2020-05-28 14:23 (-11)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-28 14:23 (-11)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-28 14:23 (-11)	NEGATIVE
US2071046	Hepatitis B Virus Surface Antigen	Screening	2020-05-28 15:53 (-7)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-28 15:53 (-7)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-28 15:53 (-7)	NEGATIVE
US2071049	Hepatitis B Virus Surface Antigen	Screening	2020-05-29 09:37 (-6)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-29 09:37 (-6)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-29 09:37 (-6)	NEGATIVE
US2071050	Hepatitis B Virus Surface Antigen	Screening	2020-05-29 10:32 (-7)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-29 10:32 (-7)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-29 10:32 (-7)	NEGATIVE

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020806.sas 19NOV2020 01:52 Database Lock Date: 05NOV2020

Listing 16.2.8.6
Other Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result
US2071059	HCV Viral Load	Unscheduled	2020-06-04 (-4)	NOT DETECTED
	Hepatitis B Virus Surface Antigen	Screening	2020-06-01 12:12 (-7)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-01 12:12 (-7)	NEGATIVE
		Unscheduled	2020-06-04 (-4)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-01 12:12 (-7)	NEGATIVE
US2071062	Hepatitis B Virus Surface Antigen	Screening	2020-06-01 15:12 (-3)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-01 15:12 (-3)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-01 15:12 (-3)	NEGATIVE
US2071064	Hepatitis B Virus Surface Antigen	Screening	2020-06-01 16:39 (-4)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-01 16:39 (-4)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-01 16:39 (-4)	NEGATIVE
US2071066	Hepatitis B Virus Surface Antigen	Screening	2020-06-01 17:48 (-8)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-01 17:48 (-8)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-01 17:48 (-8)	NEGATIVE
US2071070	Hepatitis B Virus Surface Antigen	Screening	2020-06-02 10:10 (-6)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-02 10:10 (-6)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-02 10:10 (-6)	NEGATIVE
US2071072	Hepatitis B Virus Surface Antigen	Screening	2020-06-02 13:41 (-3)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-02 13:41 (-3)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-02 13:41 (-3)	NEGATIVE
US2081026	Hepatitis B Virus Surface Antigen	Screening	2020-05-29 07:45 (-6)	NEGATIVE

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020806.sas 19NOV2020 01:52 Database Lock Date: 05NOV2020

Listing 16.2.8.6
Other Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result
US2081026	Hepatitis C Virus Antibody	Screening	2020-05-29 07:45 (-6)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-29 07:45 (-6)	NEGATIVE
US2081033	Hepatitis B Virus Surface Antigen	Screening	2020-05-29 12:22 (-4)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-29 12:22 (-4)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-29 12:22 (-4)	NEGATIVE
US2081038	Hepatitis B Virus Surface Antigen	Screening	2020-06-01 07:46 (-7)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-01 07:46 (-7)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-01 07:46 (-7)	NEGATIVE
US2081042	Hepatitis B Virus Surface Antigen	Screening	2020-06-01 12:27 (-9)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-01 12:27 (-9)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-01 12:27 (-9)	NEGATIVE
US2081046	Hepatitis B Virus Surface Antigen	Screening	2020-06-02 07:53 (-6)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-02 07:53 (-6)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-02 07:53 (-6)	NEGATIVE
US2081049	Hepatitis B Virus Surface Antigen	Screening	2020-06-02 10:49 (-7)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-02 10:49 (-7)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-02 10:49 (-7)	NEGATIVE
US2081057	Hepatitis B Virus Surface Antigen	Screening	2020-06-03 15:44 (-2)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-03 15:44 (-2)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-03 15:44 (-2)	NEGATIVE

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020806.sas 19NOV2020 01:52 Database Lock Date: 05NOV2020

Listing 16.2.8.6
Other Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result
US2081058	Hepatitis B Virus Surface Antigen	Screening	2020-06-04 09:07 (-4)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-04 09:07 (-4)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-04 09:07 (-4)	NEGATIVE

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020806.sas 19NOV2020 01:52 Database Lock Date: 05NOV2020

Listing 16.2.8.6
Other Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result
US2011020	Hepatitis B Virus Surface Antigen	Screening	2020-05-26 18:00 (-6)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-26 18:00 (-6)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-26 18:00 (-6)	NEGATIVE
US2011029	Hepatitis B Virus Surface Antigen	Screening	2020-05-27 11:05 (-5)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-27 11:05 (-5)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-27 11:05 (-5)	NEGATIVE
US2011048	Hepatitis B Virus Surface Antigen	Screening	2020-05-27 16:13 (-5)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-27 16:13 (-5)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-27 16:13 (-5)	NEGATIVE
US2011051	Hepatitis B Virus Surface Antigen	Screening	2020-05-27 17:05 (-6)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-27 17:05 (-6)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-27 17:05 (-6)	NEGATIVE
US2011055	Hepatitis B Virus Surface Antigen	Screening	2020-05-28 08:34 (-5)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-28 08:34 (-5)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-28 08:34 (-5)	NEGATIVE
US2011061	Hepatitis B Virus Surface Antigen	Screening	2020-05-28 10:32 (-6)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-28 10:32 (-6)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-28 10:32 (-6)	NEGATIVE
US2011084	Hepatitis B Virus Surface Antigen	Screening	2020-05-29 14:01 (-4)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-29 14:01 (-4)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-29 14:01 (-4)	NEGATIVE

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020806.sas 19NOV2020 01:52 Database Lock Date: 05NOV2020

Listing 16.2.8.6
Other Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result
US2011087	Hepatitis B Virus Surface Antigen	Screening	2020-05-29 17:53 (-5)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-29 17:53 (-5)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-29 17:53 (-5)	NEGATIVE
US2011090	Hepatitis B Virus Surface Antigen	Screening	2020-06-01 11:41 (-3)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-01 11:41 (-3)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-01 11:41 (-3)	NEGATIVE
US2011091	Hepatitis B Virus Surface Antigen	Screening	2020-06-01 11:56 (-3)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-01 11:56 (-3)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-01 11:56 (-3)	NEGATIVE
US2011092	Hepatitis B Virus Surface Antigen	Screening	2020-06-02 15:03 (-3)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-02 15:03 (-3)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-02 15:03 (-3)	NEGATIVE
US2011093	Hepatitis B Virus Surface Antigen	Screening	2020-06-02 17:06 (-6)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-02 17:06 (-6)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-02 17:06 (-6)	NEGATIVE
US2011095	Hepatitis B Virus Surface Antigen	Screening	2020-06-03 13:00 (-2)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-03 13:00 (-2)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-03 13:00 (-2)	NEGATIVE
US2011102	Hepatitis B Virus Surface Antigen	Screening	2020-06-05 14:03 (-3)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-05 14:03 (-3)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-05 14:03 (-3)	NEGATIVE

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020806.sas 19NOV2020 01:52 Database Lock Date: 05NOV2020

Listing 16.2.8.6
Other Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result
US2021058	Hepatitis B Virus Surface Antigen	Screening	2020-05-27 13:51 (-9)	NEGATIVE
		Unscheduled	2020-06-01 11:43 (-4)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-27 13:51 (-9)	NEGATIVE
		Unscheduled	2020-06-01 11:43 (-4)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-27 13:51 (-9)	NEGATIVE
		Unscheduled	2020-06-01 11:43 (-4)	NEGATIVE
US2021064	Hepatitis B Virus Surface Antigen	Screening	2020-05-27 15:22 (-12)	NEGATIVE
		Unscheduled	2020-06-02 (-6)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-27 15:22 (-12)	NEGATIVE
		Unscheduled	2020-06-02 (-6)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-27 15:22 (-12)	NEGATIVE
		Unscheduled	2020-06-02 (-6)	NEGATIVE
US2021084	Hepatitis B Virus Surface Antigen	Screening	2020-05-28 11:25 (-8)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-28 11:25 (-8)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-28 11:25 (-8)	NEGATIVE
US2021090	Hepatitis B Virus Surface Antigen	Screening	2020-05-28 13:00 (-5)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-28 13:00 (-5)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-28 13:00 (-5)	NEGATIVE
US2021147	Hepatitis B Virus Surface Antigen	Screening	2020-06-02 18:24 (-3)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-02 18:24 (-3)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-02 18:24 (-3)	NEGATIVE
US2021166	Hepatitis B Virus Surface Antigen	Screening	2020-06-03 17:28 (-2)	NEGATIVE

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020806.sas 19NOV2020 01:52 Database Lock Date: 05NOV2020

Listing 16.2.8.6
Other Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result
US2021166	Hepatitis C Virus Antibody	Screening	2020-06-03 17:28 (-2)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-03 17:28 (-2)	NEGATIVE
US2021167	Hepatitis B Virus Surface Antigen	Screening	2020-06-03 17:02 (-5)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-03 17:02 (-5)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-03 17:02 (-5)	NEGATIVE
US2021179	Hepatitis B Virus Surface Antigen	Screening	2020-06-05 10:49 (-3)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-05 10:49 (-3)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-05 10:49 (-3)	NEGATIVE
US2031002	Hepatitis B Virus Surface Antigen	Screening	2020-05-26 08:34 (-3)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-26 08:34 (-3)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-26 08:34 (-3)	NEGATIVE
US2031004	Hepatitis B Virus Surface Antigen	Screening	2020-05-26 09:25 (-3)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-26 09:25 (-3)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-26 09:25 (-3)	NEGATIVE
US2031011	Hepatitis B Virus Surface Antigen	Screening	2020-05-26 11:08 (-3)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-26 11:08 (-3)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-26 11:08 (-3)	NEGATIVE
US2031016	Hepatitis B Virus Surface Antigen	Screening	2020-05-26 12:01 (-9)	NEGATIVE
		Unscheduled	2020-06-01 15:47 (-3)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-26 12:01 (-9)	NEGATIVE
		Unscheduled	2020-06-01 15:47 (-3)	NEGATIVE

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020806.sas 19NOV2020 01:52 Database Lock Date: 05NOV2020

Listing 16.2.8.6
Other Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result
US2031016	Human Immunodeficiency Virus	Screening	2020-05-26 12:01 (-9)	NEGATIVE
		Unscheduled	2020-06-01 15:47 (-3)	NEGATIVE
US2031030	Hepatitis B Virus Surface Antigen	Screening	2020-05-27 09:12 (-7)	NEGATIVE
		Unscheduled	2020-06-01 10:25 (-2)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-27 09:12 (-7)	NEGATIVE
		Unscheduled	2020-06-01 10:25 (-2)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-27 09:12 (-7)	NEGATIVE
		Unscheduled	2020-06-01 10:25 (-2)	NEGATIVE
US2031042	Hepatitis B Virus Surface Antigen	Screening	2020-05-27 15:16 (-8)	NEGATIVE
		Unscheduled	2020-06-01 12:32 (-3)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-27 15:16 (-8)	NEGATIVE
		Unscheduled	2020-06-01 12:32 (-3)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-27 15:16 (-8)	NEGATIVE
		Unscheduled	2020-06-01 12:32 (-3)	NEGATIVE
US2031051	Hepatitis B Virus Surface Antigen	Screening	2020-05-28 10:44 (-4)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-28 10:44 (-4)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-28 10:44 (-4)	NEGATIVE
US2031056	Hepatitis B Virus Surface Antigen	Screening	2020-05-28 15:15 (-4)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-28 15:15 (-4)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-28 15:15 (-4)	NEGATIVE
US2031057	Hepatitis B Virus Surface Antigen	Screening	2020-05-28 15:24 (-6)	NEGATIVE
		Unscheduled	2020-06-01 14:57 (-2)	NEGATIVE

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020806.sas 19NOV2020 01:52 Database Lock Date: 05NOV2020

Listing 16.2.8.6
Other Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result
US2031057	Hepatitis C Virus Antibody	Screening	2020-05-28 15:24 (-6)	NEGATIVE
		Unscheduled	2020-06-01 14:57 (-2)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-28 15:24 (-6)	NEGATIVE
		Unscheduled	2020-06-01 14:57 (-2)	NEGATIVE
US2031063	Hepatitis B Virus Surface Antigen	Screening	2020-05-28 17:50 (-5)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-28 17:50 (-5)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-28 17:50 (-5)	NEGATIVE
US2031066	Hepatitis B Virus Surface Antigen	Screening	2020-05-29 09:26 (-4)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-29 09:26 (-4)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-29 09:26 (-4)	NEGATIVE
US2031072	Hepatitis B Virus Surface Antigen	Screening	2020-05-29 14:14 (-5)	NEGATIVE
		Unscheduled	2020-06-01 11:29 (-2)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-29 14:14 (-5)	NEGATIVE
		Unscheduled	2020-06-01 11:29 (-2)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-29 14:14 (-5)	NEGATIVE
		Unscheduled	2020-06-01 11:29 (-2)	NEGATIVE
US2031080	Hepatitis B Virus Surface Antigen	Screening	2020-06-02 12:20 (-2)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-02 12:20 (-2)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-02 12:20 (-2)	NEGATIVE
US2041002	Hepatitis B Virus Surface Antigen	Screening	2020-05-26 09:03 (-7)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-26 09:03 (-7)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-26 09:03 (-7)	NEGATIVE

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020806.sas 19NOV2020 01:52 Database Lock Date: 05NOV2020

Listing 16.2.8.6
Other Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result
US2041003	Hepatitis B Virus Surface Antigen	Screening	2020-05-26 08:50 (-7)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-26 08:50 (-7)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-26 08:50 (-7)	NEGATIVE
US2041006	Hepatitis B Virus Surface Antigen	Screening	2020-05-26 09:59 (-7)	NEGATIVE
		Unscheduled	2020-05-29 09:26 (-4)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-26 09:59 (-7)	NEGATIVE
		Unscheduled	2020-05-29 09:26 (-4)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-26 09:59 (-7)	NEGATIVE
		Unscheduled	2020-05-29 09:26 (-4)	NEGATIVE
US2041007	Hepatitis B Virus Surface Antigen	Screening	2020-05-26 10:06 (-6)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-26 10:06 (-6)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-26 10:06 (-6)	NEGATIVE
US2041012	Hepatitis B Virus Surface Antigen	Screening	2020-05-26 11:59 (-7)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-26 11:59 (-7)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-26 11:59 (-7)	NEGATIVE
US2041013	Hepatitis B Virus Surface Antigen	Screening	2020-05-26 13:36 (-3)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-26 13:36 (-3)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-26 13:36 (-3)	NEGATIVE
US2041016	Hepatitis B Virus Surface Antigen	Screening	2020-05-26 14:20 (-7)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-26 14:20 (-7)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-26 14:20 (-7)	NEGATIVE

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020806.sas 19NOV2020 01:52 Database Lock Date: 05NOV2020

Listing 16.2.8.6
Other Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result
US2041023	Hepatitis B Virus Surface Antigen	Screening	2020-05-27 08:16 (-5)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-27 08:16 (-5)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-27 08:16 (-5)	NEGATIVE
US2041027	Hepatitis B Virus Surface Antigen	Screening	2020-05-27 10:07 (-5)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-27 10:07 (-5)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-27 10:07 (-5)	NEGATIVE
US2041030	Hepatitis B Virus Surface Antigen	Screening	2020-05-27 12:10 (-5)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-27 12:10 (-5)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-27 12:10 (-5)	NEGATIVE
US2041036	Hepatitis B Virus Surface Antigen	Screening	2020-05-27 14:00 (-6)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-27 14:00 (-6)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-27 14:00 (-6)	NEGATIVE
US2041047	Hepatitis B Virus Surface Antigen	Screening	2020-05-28 08:48 (-5)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-28 08:48 (-5)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-28 08:48 (-5)	NEGATIVE
US2041049	Hepatitis B Virus Surface Antigen	Screening	2020-05-28 10:09 (-7)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-28 10:09 (-7)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-28 10:09 (-7)	NEGATIVE
US2041051	Hepatitis B Virus Surface Antigen	Screening	2020-05-28 09:52 (-5)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-28 09:52 (-5)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-28 09:52 (-5)	NEGATIVE

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020806.sas 19NOV2020 01:52 Database Lock Date: 05NOV2020

Listing 16.2.8.6
Other Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result
US2041053	Hepatitis B Virus Surface Antigen	Screening	2020-05-28 11:17 (-5)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-28 11:17 (-5)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-28 11:17 (-5)	NEGATIVE
US2041055	Hepatitis B Virus Surface Antigen	Screening	2020-05-28 11:55 (-6)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-28 11:55 (-6)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-28 11:55 (-6)	NEGATIVE
US2041058	Hepatitis B Virus Surface Antigen	Screening	2020-05-28 14:42 (-6)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-28 14:42 (-6)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-28 14:42 (-6)	NEGATIVE
US2041064	Hepatitis B Virus Surface Antigen	Screening	2020-05-28 16:53 (-11)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-28 16:53 (-11)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-28 16:53 (-11)	NEGATIVE
US2041071	Hepatitis B Virus Surface Antigen	Screening	2020-05-29 08:23 (-4)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-29 08:23 (-4)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-29 08:23 (-4)	NEGATIVE
US2041075	Hepatitis B Virus Surface Antigen	Screening	2020-05-29 10:59 (-4)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-29 10:59 (-4)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-29 10:59 (-4)	NEGATIVE
US2041076	Hepatitis B Virus Surface Antigen	Screening	2020-05-29 11:14 (-4)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-29 11:14 (-4)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-29 11:14 (-4)	NEGATIVE

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020806.sas 19NOV2020 01:52 Database Lock Date: 05NOV2020

Listing 16.2.8.6
Other Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result
US2041077	Hepatitis B Virus Surface Antigen	Screening	2020-05-29 11:45 (-5)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-29 11:45 (-5)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-29 11:45 (-5)	NEGATIVE
US2041088	Hepatitis B Virus Surface Antigen	Screening	2020-06-05 09:49 (-3)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-05 09:49 (-3)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-05 09:49 (-3)	NEGATIVE
US2041091	Hepatitis B Virus Surface Antigen	Screening	2020-06-05 10:40 (-5)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-05 10:40 (-5)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-05 10:40 (-5)	NEGATIVE
US2041092	Hepatitis B Virus Surface Antigen	Screening	2020-06-05 11:14 (-3)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-05 11:14 (-3)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-05 11:14 (-3)	NEGATIVE
US2051008	Hepatitis B Virus Surface Antigen	Screening	2020-05-26 14:35 (-3)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-26 14:35 (-3)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-26 14:35 (-3)	NEGATIVE
US2051009	Hepatitis B Virus Surface Antigen	Screening	2020-05-27 09:16 (-6)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-27 09:16 (-6)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-27 09:16 (-6)	NEGATIVE
US2051010	Hepatitis B Virus Surface Antigen	Screening	2020-05-27 10:36 (-6)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-27 10:36 (-6)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-27 10:36 (-6)	NEGATIVE

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020806.sas 19NOV2020 01:52 Database Lock Date: 05NOV2020

Listing 16.2.8.6
Other Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result
US2051011	Hepatitis B Virus Surface Antigen	Screening	2020-05-27 11:01 (-7)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-27 11:01 (-7)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-27 11:01 (-7)	NEGATIVE
US2051018	Hepatitis B Virus Surface Antigen	Screening	2020-05-27 15:13 (-12)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-27 15:13 (-12)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-27 15:13 (-12)	NEGATIVE
US2051027	Hepatitis B Virus Surface Antigen	Screening	2020-05-28 11:12 (-11)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-28 11:12 (-11)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-28 11:12 (-11)	NEGATIVE
US2051031	Hepatitis B Virus Surface Antigen	Screening	2020-05-28 13:00 (-5)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-28 13:00 (-5)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-28 13:00 (-5)	NEGATIVE
US2051032	Hepatitis B Virus Surface Antigen	Screening	2020-05-28 14:01 (-5)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-28 14:01 (-5)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-28 14:01 (-5)	NEGATIVE
US2051033	Hepatitis B Virus Surface Antigen	Screening	2020-05-28 14:13 (-7)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-28 14:13 (-7)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-28 14:13 (-7)	NEGATIVE
US2051034	Hepatitis B Virus Surface Antigen	Screening	2020-05-28 14:20 (-6)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-28 14:20 (-6)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-28 14:20 (-6)	NEGATIVE

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020806.sas 19NOV2020 01:52 Database Lock Date: 05NOV2020

Listing 16.2.8.6
Other Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result
US2051038	Hepatitis B Virus Surface Antigen	Screening	2020-05-29 08:50 (-5)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-29 08:50 (-5)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-29 08:50 (-5)	NEGATIVE
US2051040	Hepatitis B Virus Surface Antigen	Screening	2020-05-29 12:45 (-7)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-29 12:45 (-7)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-29 12:45 (-7)	NEGATIVE
US2051042	Hepatitis B Virus Surface Antigen	Screening	2020-05-29 13:39 (-4)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-29 13:39 (-4)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-29 13:39 (-4)	NEGATIVE
US2051043	Hepatitis B Virus Surface Antigen	Screening	2020-05-29 13:57 (-5)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-29 13:57 (-5)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-29 13:57 (-5)	NEGATIVE
US2051048	Hepatitis B Virus Surface Antigen	Screening	2020-06-03 16:34 (-6)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-03 16:34 (-6)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-03 16:34 (-6)	NEGATIVE
US2051050	Hepatitis B Virus Surface Antigen	Screening	2020-06-04 15:36 (-4)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-04 15:36 (-4)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-04 15:36 (-4)	NEGATIVE
US2061001	Hepatitis B Virus Surface Antigen	Screening	2020-05-28 09:31 (-7)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-28 09:31 (-7)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-28 09:31 (-7)	NEGATIVE

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020806.sas 19NOV2020 01:52 Database Lock Date: 05NOV2020

Listing 16.2.8.6
Other Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result
US2061006	Hepatitis B Virus Surface Antigen	Screening	2020-05-28 12:02 (-6)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-28 12:02 (-6)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-28 12:02 (-6)	NEGATIVE
US2061009	Hepatitis B Virus Surface Antigen	Screening	2020-05-28 15:15 (-6)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-28 15:15 (-6)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-28 15:15 (-6)	NEGATIVE
US2061011	Hepatitis B Virus Surface Antigen	Screening	2020-05-28 16:20 (-6)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-28 16:20 (-6)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-28 16:20 (-6)	NEGATIVE
US2061013	Hepatitis B Virus Surface Antigen	Screening	2020-05-28 18:07 (-8)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-28 18:07 (-8)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-28 18:07 (-8)	NEGATIVE
US2061019	Hepatitis B Virus Surface Antigen	Screening	2020-05-29 09:52 (-5)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-29 09:52 (-5)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-29 09:52 (-5)	NEGATIVE
US2061026	Hepatitis B Virus Surface Antigen	Screening	2020-06-02 10:29 (-3)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-02 10:29 (-3)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-02 10:29 (-3)	NEGATIVE
US2071001	Hepatitis B Virus Surface Antigen	Screening	2020-05-22 13:35 (-7)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-22 13:35 (-7)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-22 13:35 (-7)	NEGATIVE

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020806.sas 19NOV2020 01:52 Database Lock Date: 05NOV2020

Listing 16.2.8.6
Other Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result
US2071003	Hepatitis B Virus Surface Antigen	Screening	2020-05-22 13:37 (-10)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-22 13:37 (-10)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-22 13:37 (-10)	NEGATIVE
US2071004	Hepatitis B Virus Surface Antigen	Screening	2020-05-25 10:16 (-10)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-25 10:16 (-10)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-25 10:16 (-10)	NEGATIVE
US2071029	Hepatitis B Virus Surface Antigen	Screening	2020-05-26 16:55 (-10)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-26 16:55 (-10)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-26 16:55 (-10)	NEGATIVE
US2071030	Hepatitis B Virus Surface Antigen	Screening	2020-05-26 17:30 (-8)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-26 17:30 (-8)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-26 17:30 (-8)	NEGATIVE
US2071032	Hepatitis B Virus Surface Antigen	Screening	2020-05-27 09:10 (-12)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-27 09:10 (-12)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-27 09:10 (-12)	NEGATIVE
US2071033	Hepatitis B Virus Surface Antigen	Screening	2020-05-27 09:30 (-12)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-27 09:30 (-12)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-27 09:30 (-12)	NEGATIVE
US2071063	Hepatitis B Virus Surface Antigen	Screening	2020-06-01 14:58 (-3)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-01 14:58 (-3)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-01 14:58 (-3)	NEGATIVE

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020806.sas 19NOV2020 01:52 Database Lock Date: 05NOV2020

Listing 16.2.8.6
Other Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result
US2071067	Hepatitis B Virus Surface Antigen	Screening	2020-06-01 18:05 (-4)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-01 18:05 (-4)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-01 18:05 (-4)	NEGATIVE
US2071074	Hepatitis B Virus Surface Antigen	Screening	2020-06-02 17:24 (-6)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-02 17:24 (-6)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-02 17:24 (-6)	NEGATIVE
US2071081	Hepatitis B Virus Surface Antigen	Screening	2020-06-05 13:53 (-3)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-05 13:53 (-3)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-05 13:53 (-3)	NEGATIVE
US2081036	Hepatitis B Virus Surface Antigen	Screening	2020-05-29 15:30 (-6)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-29 15:30 (-6)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-29 15:30 (-6)	NEGATIVE
US2081039	Hepatitis B Virus Surface Antigen	Screening	2020-06-01 10:55 (-7)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-01 10:55 (-7)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-01 10:55 (-7)	NEGATIVE
US2081041	Hepatitis B Virus Surface Antigen	Screening	2020-06-01 12:21 (-3)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-01 12:21 (-3)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-01 12:21 (-3)	NEGATIVE
US2081052	Hepatitis B Virus Surface Antigen	Screening	2020-06-02 15:15 (-3)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-02 15:15 (-3)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-02 15:15 (-3)	NEGATIVE

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020806.sas 19NOV2020 01:52 Database Lock Date: 05NOV2020

Listing 16.2.8.6
Other Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result
US2081054	Hepatitis B Virus Surface Antigen	Screening	2020-06-03 09:07 (-2)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-03 09:07 (-2)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-03 09:07 (-2)	NEGATIVE
US2081059	Hepatitis B Virus Surface Antigen	Screening	2020-06-04 10:42 (-4)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-04 10:42 (-4)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-04 10:42 (-4)	NEGATIVE

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020806.sas 19NOV2020 01:52 Database Lock Date: 05NOV2020

Listing 16.2.8.6
Other Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result
US2011018	Hepatitis B Virus Surface Antigen	Screening	2020-05-26 17:48 (-6)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-26 17:48 (-6)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-26 17:48 (-6)	NEGATIVE
US2011019	Hepatitis B Virus Surface Antigen	Screening	2020-05-26 17:37 (-7)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-26 17:37 (-7)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-26 17:37 (-7)	NEGATIVE
US2011039	Hepatitis B Virus Surface Antigen	Screening	2020-05-27 13:12 (-5)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-27 13:12 (-5)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-27 13:12 (-5)	NEGATIVE
US2011041	Hepatitis B Virus Surface Antigen	Screening	2020-05-27 13:31 (-6)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-27 13:31 (-6)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-27 13:31 (-6)	NEGATIVE
US2011046	Hepatitis B Virus Surface Antigen	Screening	2020-05-27 16:04 (-6)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-27 16:04 (-6)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-27 16:04 (-6)	NEGATIVE
US2011050	Hepatitis B Virus Surface Antigen	Screening	2020-05-27 16:20 (-5)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-27 16:20 (-5)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-27 16:20 (-5)	NEGATIVE
US2011059	Hepatitis B Virus Surface Antigen	Screening	2020-05-28 09:34 (-5)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-28 09:34 (-5)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-28 09:34 (-5)	NEGATIVE

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020806.sas 19NOV2020 01:52 Database Lock Date: 05NOV2020

Listing 16.2.8.6
Other Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result
US2011065	Hepatitis B Virus Surface Antigen	Screening	2020-05-28 12:33 (-5)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-28 12:33 (-5)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-28 12:33 (-5)	NEGATIVE
US2011080	Hepatitis B Virus Surface Antigen	Screening	2020-05-29 12:18 (-5)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-29 12:18 (-5)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-29 12:18 (-5)	NEGATIVE
US2011085	Hepatitis B Virus Surface Antigen	Screening	2020-05-29 17:23 (-5)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-29 17:23 (-5)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-29 17:23 (-5)	NEGATIVE
US2011089	Hepatitis B Virus Surface Antigen	Screening	2020-06-01 09:46 (-4)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-01 09:46 (-4)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-01 09:46 (-4)	NEGATIVE
US2011103	Hepatitis B Virus Surface Antigen	Screening	2020-06-05 15:48 (-3)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-05 15:48 (-3)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-05 15:48 (-3)	NEGATIVE
US2021059	Hepatitis B Virus Surface Antigen	Screening	2020-05-27 14:26 (-6)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-27 14:26 (-6)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-27 14:26 (-6)	NEGATIVE
US2021063	Hepatitis B Virus Surface Antigen	Screening	2020-05-27 15:16 (-8)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-27 15:16 (-8)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-27 15:16 (-8)	NEGATIVE

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020806.sas 19NOV2020 01:52 Database Lock Date: 05NOV2020

Listing 16.2.8.6
Other Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result
US2021067	Hepatitis B Virus Surface Antigen	Screening	2020-05-27 16:19 (-9)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-27 16:19 (-9)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-27 16:19 (-9)	NEGATIVE
US2021068	Hepatitis B Virus Surface Antigen	Screening	2020-05-27 16:40 (-6)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-27 16:40 (-6)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-27 16:40 (-6)	NEGATIVE
US2021074	Hepatitis B Virus Surface Antigen	Screening	2020-05-28 09:14 (-5)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-28 09:14 (-5)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-28 09:14 (-5)	NEGATIVE
US2021080	Hepatitis B Virus Surface Antigen	Screening	2020-05-28 10:41 (-8)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-28 10:41 (-8)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-28 10:41 (-8)	NEGATIVE
US2021093	Hepatitis B Virus Surface Antigen	Screening	2020-05-28 13:58 (-6)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-28 13:58 (-6)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-28 13:58 (-6)	NEGATIVE
US2021099	Hepatitis B Virus Surface Antigen	Screening	2020-05-28 15:45 (-5)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-28 15:45 (-5)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-28 15:45 (-5)	NEGATIVE
US2021101	Hepatitis B Virus Surface Antigen	Screening	2020-05-28 15:56 (-11)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-28 15:56 (-11)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-28 15:56 (-11)	NEGATIVE

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020806.sas 19NOV2020 01:52 Database Lock Date: 05NOV2020

Listing 16.2.8.6
Other Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result
US2021121	Hepatitis B Virus Surface Antigen	Screening	2020-05-29 13:00 (-5)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-29 13:00 (-5)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-29 13:00 (-5)	NEGATIVE
US2021145	Hepatitis B Virus Surface Antigen	Screening	2020-06-02 17:15 (-2)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-02 17:15 (-2)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-02 17:15 (-2)	NEGATIVE
US2021151	Hepatitis B Virus Surface Antigen	Screening	2020-06-03 08:42 (-5)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-03 08:42 (-5)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-03 08:42 (-5)	NEGATIVE
US2021154	Hepatitis B Virus Surface Antigen	Screening	2020-06-03 11:18 (-2)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-03 11:18 (-2)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-03 11:18 (-2)	NEGATIVE
US2021164	Hepatitis B Virus Surface Antigen	Screening	2020-06-03 15:22 (-5)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-03 15:22 (-5)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-03 15:22 (-5)	NEGATIVE
US2021180	Hepatitis B Virus Surface Antigen	Screening	2020-06-05 15:36 (-3)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-05 15:36 (-3)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-05 15:36 (-3)	NEGATIVE
US2021182	Hepatitis B Virus Surface Antigen	Screening	2020-06-05 16:38 (-3)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-05 16:38 (-3)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-05 16:38 (-3)	NEGATIVE

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020806.sas 19NOV2020 01:52 Database Lock Date: 05NOV2020

Listing 16.2.8.6
Other Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result
US2031012	Hepatitis B Virus Surface Antigen	Screening	2020-05-26 11:31 (-6)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-26 11:31 (-6)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-26 11:31 (-6)	NEGATIVE
US2031013	Hepatitis B Virus Surface Antigen	Screening	2020-05-26 11:34 (-7)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-26 11:34 (-7)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-26 11:34 (-7)	NEGATIVE
US2031019	Hepatitis B Virus Surface Antigen	Screening	2020-05-26 14:26 (-3)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-26 14:26 (-3)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-26 14:26 (-3)	NEGATIVE
US2031020	Hepatitis B Virus Surface Antigen	Screening	2020-05-26 14:25 (-3)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-26 14:25 (-3)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-26 14:25 (-3)	NEGATIVE
US2031021	Hepatitis B Virus Surface Antigen	Screening	2020-05-26 14:20 (-6)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-26 14:20 (-6)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-26 14:20 (-6)	NEGATIVE
US2031026	Hepatitis B Virus Surface Antigen	Screening	2020-05-27 08:19 (-2)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-27 08:19 (-2)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-27 08:19 (-2)	NEGATIVE
US2031027	Hepatitis B Virus Surface Antigen	Screening	2020-05-27 08:10 (-5)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-27 08:10 (-5)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-27 08:10 (-5)	NEGATIVE

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020806.sas 19NOV2020 01:52 Database Lock Date: 05NOV2020

Listing 16.2.8.6
Other Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result
US2031033	Hepatitis B Virus Surface Antigen	Screening	2020-05-27 10:25 (-7)	NEGATIVE
		Unscheduled	2020-06-01 15:33 (-2)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-27 10:25 (-7)	NEGATIVE
		Unscheduled	2020-06-01 15:33 (-2)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-27 10:25 (-7)	NEGATIVE
		Unscheduled	2020-06-01 15:33 (-2)	NEGATIVE
US2031035	Hepatitis B Virus Surface Antigen	Screening	2020-05-27 10:12 (-5)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-27 10:12 (-5)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-27 10:12 (-5)	NEGATIVE
US2031037	Hepatitis B Virus Surface Antigen	Screening	2020-05-27 10:42 (-6)	NEGATIVE
		Unscheduled	2020-05-29 14:30 (-4)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-27 10:42 (-6)	NEGATIVE
		Unscheduled	2020-05-29 14:30 (-4)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-27 10:42 (-6)	NEGATIVE
		Unscheduled	2020-05-29 14:30 (-4)	NEGATIVE
US2031047	Hepatitis B Virus Surface Antigen	Screening	2020-05-27 16:27 (-5)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-27 16:27 (-5)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-27 16:27 (-5)	NEGATIVE
US2031050	Hepatitis B Virus Surface Antigen	Screening	2020-05-28 09:16 (-6)	NEGATIVE
		Unscheduled	2020-06-01 14:15 (-2)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-28 09:16 (-6)	NEGATIVE
		Unscheduled	2020-06-01 14:15 (-2)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-28 09:16 (-6)	NEGATIVE

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020806.sas 19NOV2020 01:52 Database Lock Date: 05NOV2020

Listing 16.2.8.6
Other Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result
US2031050	Human Immunodeficiency Virus	Unscheduled	2020-06-01 14:15 (-2)	NEGATIVE
US2031060	Hepatitis B Virus Surface Antigen	Screening	2020-05-28 16:50 (-7)	NEGATIVE
		Unscheduled	2020-06-02 08:05 (-2)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-28 16:50 (-7)	NEGATIVE
		Unscheduled	2020-06-02 08:05 (-2)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-28 16:50 (-7)	NEGATIVE
		Unscheduled	2020-06-02 08:05 (-2)	NEGATIVE
US2031062	Hepatitis B Virus Surface Antigen	Screening	2020-05-28 17:28 (-7)	NEGATIVE
		Unscheduled	2020-06-01 15:53 (-3)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-28 17:28 (-7)	NEGATIVE
		Unscheduled	2020-06-01 15:53 (-3)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-28 17:28 (-7)	NEGATIVE
		Unscheduled	2020-06-01 15:53 (-3)	NEGATIVE
US2031073	Hepatitis B Virus Surface Antigen	Screening	2020-05-29 13:55 (-4)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-29 13:55 (-4)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-29 13:55 (-4)	NEGATIVE
US2031079	Hepatitis B Virus Surface Antigen	Screening	2020-06-02 11:35 (-2)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-02 11:35 (-2)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-02 11:35 (-2)	NEGATIVE
US2031084	Hepatitis B Virus Surface Antigen	Screening	2020-06-05 08:28 (-5)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-05 08:28 (-5)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-05 08:28 (-5)	NEGATIVE

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020806.sas 19NOV2020 01:52 Database Lock Date: 05NOV2020

Listing 16.2.8.6
Other Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result
US2041008	Hepatitis B Virus Surface Antigen	Screening	2020-05-26 10:24 (-6)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-26 10:24 (-6)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-26 10:24 (-6)	NEGATIVE
US2041010	Hepatitis B Virus Surface Antigen	Screening	2020-05-26 11:13 (-3)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-26 11:13 (-3)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-26 11:13 (-3)	NEGATIVE
US2041024	Hepatitis B Virus Surface Antigen	Screening	2020-05-27 08:30 (-7)	NEGATIVE
		Unscheduled	2020-06-01 07:15 (-2)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-27 08:30 (-7)	NEGATIVE
		Unscheduled	2020-06-01 07:15 (-2)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-27 08:30 (-7)	NEGATIVE
		Unscheduled	2020-06-01 07:15 (-2)	NEGATIVE
US2041026	Hepatitis B Virus Surface Antigen	Screening	2020-05-27 09:47 (-6)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-27 09:47 (-6)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-27 09:47 (-6)	NEGATIVE
US2041041	Hepatitis B Virus Surface Antigen	Screening	2020-05-27 15:55 (-5)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-27 15:55 (-5)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-27 15:55 (-5)	NEGATIVE
US2041046	Hepatitis B Virus Surface Antigen	Screening	2020-05-28 08:09 (-7)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-28 08:09 (-7)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-28 08:09 (-7)	NEGATIVE

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020806.sas 19NOV2020 01:52 Database Lock Date: 05NOV2020

Listing 16.2.8.6
Other Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result
US2041048	Hepatitis B Virus Surface Antigen	Screening	2020-05-28 09:03 (-5)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-28 09:03 (-5)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-28 09:03 (-5)	NEGATIVE
US2041060	Hepatitis B Virus Surface Antigen	Screening	2020-05-28 15:03 (-5)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-28 15:03 (-5)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-28 15:03 (-5)	NEGATIVE
US2041061	Hepatitis B Virus Surface Antigen	Screening	2020-05-28 15:17 (-5)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-28 15:17 (-5)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-28 15:17 (-5)	NEGATIVE
US2041073	Hepatitis B Virus Surface Antigen	Screening	2020-05-29 09:42 (-4)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-29 09:42 (-4)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-29 09:42 (-4)	NEGATIVE
US2041079	Hepatitis B Virus Surface Antigen	Screening	2020-05-29 12:12 (-5)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-29 12:12 (-5)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-29 12:12 (-5)	NEGATIVE
US2041080	Hepatitis B Virus Surface Antigen	Screening	2020-05-29 12:20 (-5)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-29 12:20 (-5)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-29 12:20 (-5)	NEGATIVE
US2041084	Hepatitis B Virus Surface Antigen	Screening	2020-06-01 12:44 (-3)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-01 12:44 (-3)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-01 12:44 (-3)	NEGATIVE

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020806.sas 19NOV2020 01:52 Database Lock Date: 05NOV2020

Listing 16.2.8.6
Other Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result
US2051001	Hepatitis B Virus Surface Antigen	Screening	2020-05-26 09:13 (-9)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-26 09:13 (-9)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-26 09:13 (-9)	NEGATIVE
US2051002	Hepatitis B Virus Surface Antigen	Screening	2020-05-26 10:06 (-7)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-26 10:06 (-7)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-26 10:06 (-7)	NEGATIVE
US2051003	Hepatitis B Virus Surface Antigen	Screening	2020-05-26 09:56 (-3)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-26 09:56 (-3)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-26 09:56 (-3)	NEGATIVE
US2051012	Hepatitis B Virus Surface Antigen	Screening	2020-05-27 12:43 (-6)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-27 12:43 (-6)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-27 12:43 (-6)	NEGATIVE
US2051013	Hepatitis B Virus Surface Antigen	Screening	2020-05-27 13:05 (-7)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-27 13:05 (-7)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-27 13:05 (-7)	NEGATIVE
US2051017	Hepatitis B Virus Surface Antigen	Screening	2020-05-27 14:34 (-9)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-27 14:34 (-9)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-27 14:34 (-9)	NEGATIVE
US2051019	Hepatitis B Virus Surface Antigen	Screening	2020-05-27 15:35 (-13)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-27 15:35 (-13)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-27 15:35 (-13)	NEGATIVE

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020806.sas 19NOV2020 01:52 Database Lock Date: 05NOV2020

Listing 16.2.8.6
Other Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result
US2051020	Hepatitis B Virus Surface Antigen	Screening	2020-05-27 16:00 (-8)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-27 16:00 (-8)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-27 16:00 (-8)	NEGATIVE
US2051024	Hepatitis B Virus Surface Antigen	Screening	2020-05-28 10:00 (-5)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-28 10:00 (-5)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-28 10:00 (-5)	NEGATIVE
US2051025	Hepatitis B Virus Surface Antigen	Screening	2020-05-28 10:37 (-8)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-28 10:37 (-8)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-28 10:37 (-8)	NEGATIVE
US2051026	Hepatitis B Virus Surface Antigen	Screening	2020-05-28 11:03 (-5)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-28 11:03 (-5)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-28 11:03 (-5)	NEGATIVE
US2051028	Hepatitis B Virus Surface Antigen	Screening	2020-05-28 12:12 (-7)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-28 12:12 (-7)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-28 12:12 (-7)	NEGATIVE
US2051029	Hepatitis B Virus Surface Antigen	Screening	2020-05-28 12:30 (-7)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-28 12:30 (-7)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-28 12:30 (-7)	NEGATIVE
US2051030	Hepatitis B Virus Surface Antigen	Screening	2020-05-28 13:11 (-6)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-28 13:11 (-6)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-28 13:11 (-6)	NEGATIVE

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020806.sas 19NOV2020 01:52 Database Lock Date: 05NOV2020

Listing 16.2.8.6
Other Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result
US2051045	Hepatitis B Virus Surface Antigen	Screening	2020-06-03 14:36 (-7)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-03 14:36 (-7)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-03 14:36 (-7)	NEGATIVE
US2061008	Hepatitis B Virus Surface Antigen	Screening	2020-05-28 13:49 (-6)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-28 13:49 (-6)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-28 13:49 (-6)	NEGATIVE
US2061010	Hepatitis B Virus Surface Antigen	Screening	2020-05-28 15:04 (-6)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-28 15:04 (-6)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-28 15:04 (-6)	NEGATIVE
US2061020	Hepatitis B Virus Surface Antigen	Screening	2020-05-29 11:00 (-10)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-29 11:00 (-10)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-29 11:00 (-10)	NEGATIVE
US2061023	Hepatitis B Virus Surface Antigen	Screening	2020-05-29 14:17 (-7)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-29 14:17 (-7)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-29 14:17 (-7)	NEGATIVE
US2061025	Hepatitis B Virus Surface Antigen	Screening	2020-05-29 16:10 (-5)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-29 16:10 (-5)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-29 16:10 (-5)	NEGATIVE
US2061027	Hepatitis B Virus Surface Antigen	Screening	2020-06-02 14:33 (-3)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-02 14:33 (-3)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-02 14:33 (-3)	NEGATIVE

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020806.sas 19NOV2020 01:52 Database Lock Date: 05NOV2020

Listing 16.2.8.6
Other Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result
US2071002	Hepatitis B Virus Surface Antigen	Screening	2020-05-22 13:37 (-10)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-22 13:37 (-10)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-22 13:37 (-10)	NEGATIVE
US2071016	Hepatitis B Virus Surface Antigen	Screening	2020-05-25 17:22 (-9)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-25 17:22 (-9)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-25 17:22 (-9)	NEGATIVE
US2071026	Hepatitis B Virus Surface Antigen	Screening	2020-05-26 13:10 (-13)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-26 13:10 (-13)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-26 13:10 (-13)	NEGATIVE
US2071036	Hepatitis B Virus Surface Antigen	Screening	2020-05-27 11:05 (-12)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-27 11:05 (-12)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-27 11:05 (-12)	NEGATIVE
US2071038	Hepatitis B Virus Surface Antigen	Screening	2020-05-27 12:40 (-8)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-27 12:40 (-8)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-27 12:40 (-8)	NEGATIVE
US2071039	Hepatitis B Virus Surface Antigen	Screening	2020-05-27 17:14 (-9)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-27 17:14 (-9)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-27 17:14 (-9)	NEGATIVE
US2071040	Hepatitis B Virus Surface Antigen	Screening	2020-05-28 09:24 (-11)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-28 09:24 (-11)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-28 09:24 (-11)	NEGATIVE

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020806.sas 19NOV2020 01:52 Database Lock Date: 05NOV2020

Listing 16.2.8.6
Other Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result
US2071051	Hepatitis B Virus Surface Antigen	Screening	2020-05-29 10:31 (-7)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-29 10:31 (-7)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-29 10:31 (-7)	NEGATIVE
US2071068	Hepatitis B Virus Surface Antigen	Screening	2020-06-01 17:34 (-7)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-01 17:34 (-7)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-01 17:34 (-7)	NEGATIVE
US2071069	Hepatitis B Virus Surface Antigen	Screening	2020-06-02 11:10 (-6)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-02 11:10 (-6)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-02 11:10 (-6)	NEGATIVE
US2071071	Hepatitis B Virus Surface Antigen	Screening	2020-06-02 12:23 (-3)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-02 12:23 (-3)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-02 12:23 (-3)	NEGATIVE
US2071073	Hepatitis B Virus Surface Antigen	Screening	2020-06-02 15:56 (-6)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-02 15:56 (-6)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-02 15:56 (-6)	NEGATIVE
US2071077	Hepatitis B Virus Surface Antigen	Screening	2020-06-03 13:16 (-5)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-03 13:16 (-5)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-03 13:16 (-5)	NEGATIVE
US2081023	Hepatitis B Virus Surface Antigen	Screening	2020-05-28 13:34 (-6)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-28 13:34 (-6)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-28 13:34 (-6)	NEGATIVE

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020806.sas 19NOV2020 01:52 Database Lock Date: 05NOV2020

Listing 16.2.8.6
Other Laboratory Test Results
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result
US2081025	Hepatitis B Virus Surface Antigen	Screening	2020-05-28 15:21 (-6)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-28 15:21 (-6)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-28 15:21 (-6)	NEGATIVE
US2081028	Hepatitis B Virus Surface Antigen	Screening	2020-05-29 09:22 (-4)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-29 09:22 (-4)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-29 09:22 (-4)	NEGATIVE
US2081045	Hepatitis B Virus Surface Antigen	Screening	2020-06-01 15:22 (-3)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-01 15:22 (-3)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-01 15:22 (-3)	NEGATIVE
US2081051	Hepatitis B Virus Surface Antigen	Screening	2020-06-02 14:01 (-3)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-02 14:01 (-3)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-02 14:01 (-3)	NEGATIVE
US2081062	Hepatitis B Virus Surface Antigen	Screening	2020-06-05 09:02 (-3)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-05 09:02 (-3)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-05 09:02 (-3)	NEGATIVE
US2081063	Hepatitis B Virus Surface Antigen	Screening	2020-06-05 10:45 (-3)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-05 10:45 (-3)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-05 10:45 (-3)	NEGATIVE
US2081064	Hepatitis B Virus Surface Antigen	Screening	2020-06-05 12:17 (-3)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-05 12:17 (-3)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-05 12:17 (-3)	NEGATIVE

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020806.sas 19NOV2020 01:52 Database Lock Date: 05NOV2020

Listing 16.2.8.6
Other Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result
US2011007	Hepatitis B Virus Surface Antigen	Screening	2020-05-26 14:44 (-6)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-26 14:44 (-6)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-26 14:44 (-6)	NEGATIVE
US2011011	Hepatitis B Virus Surface Antigen	Screening	2020-05-26 15:55 (-3)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-26 15:55 (-3)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-26 15:55 (-3)	NEGATIVE
US2011023	Hepatitis B Virus Surface Antigen	Screening	2020-05-27 08:42 (-6)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-27 08:42 (-6)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-27 08:42 (-6)	NEGATIVE
US2011109	Hepatitis B Virus Surface Antigen	Screening	2020-06-11 11:45 (-15)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-11 11:45 (-15)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-11 11:45 (-15)	NEGATIVE
US2011114	Hepatitis B Virus Surface Antigen	Screening	2020-06-12 12:11 (-14)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-12 12:11 (-14)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-12 12:11 (-14)	NEGATIVE
US2011116	Hepatitis B Virus Surface Antigen	Screening	2020-06-12 14:41 (-15)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-12 14:41 (-15)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-12 14:41 (-15)	NEGATIVE
US2011120	Hepatitis B Virus Surface Antigen	Screening	2020-06-15 11:33 (-12)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-15 11:33 (-12)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-15 11:33 (-12)	NEGATIVE

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020806.sas 19NOV2020 01:52 Database Lock Date: 05NOV2020

Listing 16.2.8.6
Other Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result
US2011124	Hepatitis B Virus Surface Antigen	Screening	2020-06-17 13:13 (-9)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-17 13:13 (-9)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-17 13:13 (-9)	NEGATIVE
US2011126	Hepatitis B Virus Surface Antigen	Screening	2020-06-18 08:28 (-8)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-18 08:28 (-8)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-18 08:28 (-8)	NEGATIVE
US2011130	Hepatitis B Virus Surface Antigen	Screening	2020-06-18 14:07 (-8)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-18 14:07 (-8)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-18 14:07 (-8)	NEGATIVE
US2011131	Hepatitis B Virus Surface Antigen	Screening	2020-06-18 15:13 (-8)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-18 15:13 (-8)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-18 15:13 (-8)	NEGATIVE
US2011142	Hepatitis B Virus Surface Antigen	Screening	2020-06-22 15:49 (-7)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-22 15:49 (-7)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-22 15:49 (-7)	NEGATIVE
US2011145	Hepatitis B Virus Surface Antigen	Screening	2020-06-23 14:18 (-3)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-23 14:18 (-3)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-23 14:18 (-3)	NEGATIVE
US2011152	Hepatitis B Virus Surface Antigen	Screening	2020-06-25 12:32 (-4)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-25 12:32 (-4)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-25 12:32 (-4)	NEGATIVE

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020806.sas 19NOV2020 01:52 Database Lock Date: 05NOV2020

Listing 16.2.8.6
Other Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result
US2011155	Hepatitis B Virus Surface Antigen	Screening	2020-06-25 14:47 (-5)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-25 14:47 (-5)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-25 14:47 (-5)	NEGATIVE
US2011156	Hepatitis B Virus Surface Antigen	Screening	2020-06-25 15:29 (-5)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-25 15:29 (-5)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-25 15:29 (-5)	NEGATIVE
US2011157	Hepatitis B Virus Surface Antigen	Screening	2020-06-25 16:12 (-5)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-25 16:12 (-5)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-25 16:12 (-5)	NEGATIVE
US2021015	Hepatitis B Virus Surface Antigen	Screening	2020-05-26 13:30 (-3)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-26 13:30 (-3)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-26 13:30 (-3)	NEGATIVE
US2021021	Hepatitis B Virus Surface Antigen	Screening	2020-05-26 14:58 (-3)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-26 14:58 (-3)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-26 14:58 (-3)	NEGATIVE
US2021022	Hepatitis B Virus Surface Antigen	Screening	2020-05-26 15:33 (-6)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-26 15:33 (-6)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-26 15:33 (-6)	NEGATIVE
US2021043	Hepatitis B Virus Surface Antigen	Screening	2020-05-27 10:02 (-5)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-27 10:02 (-5)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-27 10:02 (-5)	NEGATIVE

Relative day is defined as days from the most recent injection date.

Listing 16.2.8.6
Other Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result
US2021130	Hepatitis B Virus Surface Antigen	Screening	2020-06-01 10:54 (-25)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-01 10:54 (-25)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-01 10:54 (-25)	NEGATIVE
US2021185	Hepatitis B Virus Surface Antigen	Screening	2020-06-10 10:34 (-16)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-10 10:34 (-16)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-10 10:34 (-16)	NEGATIVE
US2021189	Hepatitis B Virus Surface Antigen	Screening	2020-06-11 12:16 (-15)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-11 12:16 (-15)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-11 12:16 (-15)	NEGATIVE
US2021196	Hepatitis B Virus Surface Antigen	Screening	2020-06-12 13:15 (-20)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-12 13:15 (-20)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-12 13:15 (-20)	NEGATIVE
US2021198	Hepatitis B Virus Surface Antigen	Screening	2020-06-15 12:06 (-14)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-15 12:06 (-14)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-15 12:06 (-14)	NEGATIVE
US2021206	Hepatitis B Virus Surface Antigen	Screening	2020-06-17 11:59 (-15)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-17 11:59 (-15)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-17 11:59 (-15)	NEGATIVE
US2021207	Hepatitis B Virus Surface Antigen	Screening	2020-06-17 12:48 (-9)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-17 12:48 (-9)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-17 12:48 (-9)	NEGATIVE

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020806.sas 19NOV2020 01:52 Database Lock Date: 05NOV2020

Listing 16.2.8.6
Other Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result
US2021219	Hepatitis B Virus Surface Antigen	Screening	2020-06-23 12:03 (-7)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-23 12:03 (-7)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-23 12:03 (-7)	NEGATIVE
US2021222	Hepatitis B Virus Surface Antigen	Screening	2020-06-29 14:05 (-3)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-29 14:05 (-3)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-29 14:05 (-3)	NEGATIVE
US2031085	Hepatitis B Virus Surface Antigen	Screening	2020-06-08 09:59 (-18)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-08 09:59 (-18)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-08 09:59 (-18)	NEGATIVE
US2031089	Hepatitis B Virus Surface Antigen	Screening	2020-06-08 13:50 (-18)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-08 13:50 (-18)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-08 13:50 (-18)	NEGATIVE
US2031092	Hepatitis B Virus Surface Antigen	Screening	2020-06-08 15:20 (-22)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-08 15:20 (-22)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-08 15:20 (-22)	NEGATIVE
US2031095	Hepatitis B Virus Surface Antigen	Screening	2020-06-09 10:24 (-20)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-09 10:24 (-20)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-09 10:24 (-20)	NEGATIVE
US2031098	Hepatitis B Virus Surface Antigen	Screening	2020-06-09 11:04 (-20)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-09 11:04 (-20)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-09 11:04 (-20)	NEGATIVE

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020806.sas 19NOV2020 01:52 Database Lock Date: 05NOV2020

Listing 16.2.8.6
Other Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result
US2031100	Hepatitis B Virus Surface Antigen	Screening	2020-06-09 16:05 (-22)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-09 16:05 (-22)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-09 16:05 (-22)	NEGATIVE
US2031102	Hepatitis B Virus Surface Antigen	Screening	2020-06-09 16:34 (-23)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-09 16:34 (-23)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-09 16:34 (-23)	NEGATIVE
US2031103	Hepatitis B Virus Surface Antigen	Screening	2020-06-09 17:17 (-20)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-09 17:17 (-20)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-09 17:17 (-20)	NEGATIVE
US2031110	Hepatitis B Virus Surface Antigen	Screening	2020-06-10 15:10 (-16)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-10 15:10 (-16)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-10 15:10 (-16)	NEGATIVE
US2031116	Hepatitis B Virus Surface Antigen	Screening	2020-06-11 13:36 (-18)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-11 13:36 (-18)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-11 13:36 (-18)	NEGATIVE
US2031124	Hepatitis B Virus Surface Antigen	Screening	2020-06-17 13:42 (-12)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-17 13:42 (-12)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-17 13:42 (-12)	NEGATIVE
US2031125	Hepatitis B Virus Surface Antigen	Screening	2020-06-22 14:27 (-4)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-22 14:27 (-4)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-22 14:27 (-4)	NEGATIVE

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020806.sas 19NOV2020 01:52 Database Lock Date: 05NOV2020

Listing 16.2.8.6
Other Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result
US2031129	Hepatitis B Virus Surface Antigen	Screening	2020-06-25 12:26 (-6)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-25 12:26 (-6)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-25 12:26 (-6)	NEGATIVE
US2031131	Hepatitis B Virus Surface Antigen	Screening	2020-06-29 11:50 (-3)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-29 11:50 (-3)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-29 11:50 (-3)	NEGATIVE
US2041102	Hepatitis B Virus Surface Antigen	Screening	2020-06-10 10:16 (-16)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-10 10:16 (-16)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-10 10:16 (-16)	NEGATIVE
US2041114	Hepatitis B Virus Surface Antigen	Screening	2020-06-11 12:21 (-15)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-11 12:21 (-15)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-11 12:21 (-15)	NEGATIVE
US2041115	Hepatitis B Virus Surface Antigen	Screening	2020-06-11 13:53 (-20)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-11 13:53 (-20)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-11 13:53 (-20)	NEGATIVE
US2041121	Hepatitis B Virus Surface Antigen	Screening	2020-06-12 08:52 (-19)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-12 08:52 (-19)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-12 08:52 (-19)	NEGATIVE
US2041132	Hepatitis B Virus Surface Antigen	Screening	2020-06-15 10:40 (-11)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-15 10:40 (-11)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-15 10:40 (-11)	NEGATIVE

Relative day is defined as days from the most recent injection date.

Listing 16.2.8.6
Other Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result
US2041142	Hepatitis B Virus Surface Antigen	Screening	2020-06-16 12:03 (-16)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-16 12:03 (-16)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-16 12:03 (-16)	NEGATIVE
US2041146	Hepatitis B Virus Surface Antigen	Screening	2020-06-17 12:05 (-15)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-17 12:05 (-15)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-17 12:05 (-15)	NEGATIVE
US2041151	Hepatitis B Virus Surface Antigen	Screening	2020-06-19 14:14 (-17)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-19 14:14 (-17)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-19 14:14 (-17)	NEGATIVE
US2041152	Hepatitis B Virus Surface Antigen	Screening	2020-06-19 14:21 (-18)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-19 14:21 (-18)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-19 14:21 (-18)	NEGATIVE
US2041166	Hepatitis B Virus Surface Antigen	Screening	2020-07-01 14:44 (-5)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-07-01 14:44 (-5)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-07-01 14:44 (-5)	NEGATIVE
US2051055	Hepatitis B Virus Surface Antigen	Screening	2020-06-12 09:40 (-14)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-12 09:40 (-14)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-12 09:40 (-14)	NEGATIVE
US2051063	Hepatitis B Virus Surface Antigen	Screening	2020-06-16 15:41 (-14)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-16 15:41 (-14)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-16 15:41 (-14)	NEGATIVE

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020806.sas 19NOV2020 01:52 Database Lock Date: 05NOV2020

Listing 16.2.8.6
Other Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result
US2051072	Hepatitis B Virus Surface Antigen	Screening	2020-06-19 09:12 (-17)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-19 09:12 (-17)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-19 09:12 (-17)	NEGATIVE
US2051073	Hepatitis B Virus Surface Antigen	Screening	2020-06-19 10:16 (-17)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-19 10:16 (-17)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-19 10:16 (-17)	NEGATIVE
US2051086	Hepatitis B Virus Surface Antigen	Screening	2020-06-24 15:28 (-12)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-24 15:28 (-12)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-24 15:28 (-12)	NEGATIVE
US2051087	Hepatitis B Virus Surface Antigen	Screening	2020-06-25 09:20 (-11)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-25 09:20 (-11)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-25 09:20 (-11)	NEGATIVE
US2051089	Hepatitis B Virus Surface Antigen	Screening	2020-06-25 11:26 (-7)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-25 11:26 (-7)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-25 11:26 (-7)	NEGATIVE
US2051098	Hepatitis B Virus Surface Antigen	Screening	2020-06-29 14:42 (-7)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-29 14:42 (-7)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-29 14:42 (-7)	NEGATIVE
US2051112	Hepatitis B Virus Surface Antigen	Screening	2020-07-01 13:42 (-5)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-07-01 13:42 (-5)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-07-01 13:42 (-5)	NEGATIVE

Relative day is defined as days from the most recent injection date.

Listing 16.2.8.6
Other Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result
US2061035	Hepatitis B Virus Surface Antigen	Screening	2020-06-09 10:14 (-17)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-09 10:14 (-17)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-09 10:14 (-17)	NEGATIVE
US2061043	Hepatitis B Virus Surface Antigen	Screening	2020-06-10 13:48 (-19)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-10 13:48 (-19)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-10 13:48 (-19)	NEGATIVE
US2061046	Hepatitis B Virus Surface Antigen	Screening	2020-06-11 10:47 (-18)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-11 10:47 (-18)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-11 10:47 (-18)	NEGATIVE
US2061051	Hepatitis B Virus Surface Antigen	Screening	2020-06-15 11:10 (-15)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-15 11:10 (-15)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-15 11:10 (-15)	NEGATIVE
US2061055	Hepatitis B Virus Surface Antigen	Screening	2020-06-16 11:22 (-14)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-16 11:22 (-14)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-16 11:22 (-14)	NEGATIVE
US2071005	Hepatitis B Virus Surface Antigen	Screening	2020-05-25 10:32 (-8)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-25 10:32 (-8)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-25 10:32 (-8)	NEGATIVE
US2071041	Hepatitis B Virus Surface Antigen	Screening	2020-05-28 11:28 (-5)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-28 11:28 (-5)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-28 11:28 (-5)	NEGATIVE

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020806.sas 19NOV2020 01:52 Database Lock Date: 05NOV2020

Listing 16.2.8.6
Other Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result
US2071084	Hepatitis B Virus Surface Antigen	Screening	2020-06-15 11:12 (-11)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-15 11:12 (-11)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-15 11:12 (-11)	NEGATIVE
US2071085	Hepatitis B Virus Surface Antigen	Screening	2020-06-17 11:59 (-9)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-17 11:59 (-9)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-17 11:59 (-9)	NEGATIVE
US2071086	Hepatitis B Virus Surface Antigen	Screening	2020-06-18 09:52 (-8)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-18 09:52 (-8)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-18 09:52 (-8)	NEGATIVE
US2071088	Hepatitis B Virus Surface Antigen	Screening	2020-06-18 13:45 (-8)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-18 13:45 (-8)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-18 13:45 (-8)	NEGATIVE
US2071092	Hepatitis B Virus Surface Antigen	Screening	2020-06-19 14:41 (-7)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-19 14:41 (-7)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-19 14:41 (-7)	NEGATIVE
US2071094	Hepatitis B Virus Surface Antigen	Screening	2020-06-22 11:21 (-14)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-22 11:21 (-14)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-22 11:21 (-14)	NEGATIVE
US2071098	Hepatitis B Virus Surface Antigen	Screening	2020-06-24 15:02 (-7)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-24 15:02 (-7)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-24 15:02 (-7)	NEGATIVE

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020806.sas 19NOV2020 01:52 Database Lock Date: 05NOV2020

Listing 16.2.8.6
Other Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result
US2071100	Hepatitis B Virus Surface Antigen	Screening	2020-06-25 10:25 (-11)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-25 10:25 (-11)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-25 10:25 (-11)	NEGATIVE
US2071102	Hepatitis B Virus Surface Antigen	Screening	2020-06-25 16:08 (-4)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-25 16:08 (-4)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-25 16:08 (-4)	NEGATIVE
US2071103	HIV-1/2 Antibody	Screening	2020-06-26 15:16 (-6)	HIVNEGATIVE
	Hepatitis B Virus Surface Antigen	Screening	2020-06-26 15:16 (-6)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-26 15:16 (-6)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-26 15:16 (-6)	POSITIVE
US2071105	Hepatitis B Virus Surface Antigen	Screening	2020-06-30 09:04 (-6)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-30 09:04 (-6)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-30 09:04 (-6)	NEGATIVE
US2081004	Hepatitis B Virus Surface Antigen	Screening	2020-05-26 11:26 (-3)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-26 11:26 (-3)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-26 11:26 (-3)	NEGATIVE
US2081005	Hepatitis B Virus Surface Antigen	Screening	2020-05-26 12:57 (-6)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-26 12:57 (-6)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-26 12:57 (-6)	NEGATIVE
US2081007	Hepatitis B Virus Surface Antigen	Screening	2020-05-27 08:11 (-5)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-27 08:11 (-5)	NEGATIVE

Relative day is defined as days from the most recent injection date.

Listing 16.2.8.6
Other Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result
US2081007	Human Immunodeficiency Virus	Screening	2020-05-27 08:11 (-5)	NEGATIVE
US2081015	Hepatitis B Virus Surface Antigen	Screening	2020-05-27 13:40 (-5)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-27 13:40 (-5)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-27 13:40 (-5)	NEGATIVE
US2081017	Hepatitis B Virus Surface Antigen	Screening	2020-05-28 07:48 (-5)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-28 07:48 (-5)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-28 07:48 (-5)	NEGATIVE
US2081029	Hepatitis B Virus Surface Antigen	Screening	2020-05-29 09:26 (-4)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-29 09:26 (-4)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-29 09:26 (-4)	NEGATIVE
US2081030	Hepatitis B Virus Surface Antigen	Screening	2020-05-29 10:56 (-4)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-29 10:56 (-4)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-29 10:56 (-4)	NEGATIVE
US2081065	Hepatitis B Virus Surface Antigen	Screening	2020-06-11 09:11 (-15)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-11 09:11 (-15)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-11 09:11 (-15)	NEGATIVE
US2081066	Hepatitis B Virus Surface Antigen	Screening	2020-06-11 12:02 (-15)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-11 12:02 (-15)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-11 12:02 (-15)	NEGATIVE
US2081073	Hepatitis B Virus Surface Antigen	Screening	2020-06-15 09:58 (-11)	NEGATIVE

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020806.sas 19NOV2020 01:52 Database Lock Date: 05NOV2020

Listing 16.2.8.6
Other Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result
US2081073	Hepatitis C Virus Antibody	Screening	2020-06-15 09:58 (-11)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-15 09:58 (-11)	NEGATIVE
US2081077	Hepatitis B Virus Surface Antigen	Screening	2020-06-16 14:10 (-14)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-16 14:10 (-14)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-16 14:10 (-14)	NEGATIVE
US2081080	Hepatitis B Virus Surface Antigen	Screening	2020-06-17 09:11 (-14)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-17 09:11 (-14)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-17 09:11 (-14)	NEGATIVE
US2081087	Hepatitis B Virus Surface Antigen	Screening	2020-06-18 12:03 (-12)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-18 12:03 (-12)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-18 12:03 (-12)	NEGATIVE
US2081097	Hepatitis B Virus Surface Antigen	Screening	2020-06-22 09:45 (-9)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-22 09:45 (-9)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-22 09:45 (-9)	NEGATIVE
US2081103	Hepatitis B Virus Surface Antigen	Screening	2020-06-23 09:53 (-9)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-23 09:53 (-9)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-23 09:53 (-9)	NEGATIVE
US2081104	Hepatitis B Virus Surface Antigen	Screening	2020-06-23 09:46 (-9)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-23 09:46 (-9)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-23 09:46 (-9)	NEGATIVE

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020806.sas 19NOV2020 01:52 Database Lock Date: 05NOV2020

Listing 16.2.8.6
Other Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result
US2081113	Hepatitis B Virus Surface Antigen	Screening	2020-06-24 09:19 (-14)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-24 09:19 (-14)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-24 09:19 (-14)	NEGATIVE
US2081119	Hepatitis B Virus Surface Antigen	Screening	2020-06-24 13:30 (-12)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-24 13:30 (-12)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-24 13:30 (-12)	NEGATIVE
US2081125	Hepatitis B Virus Surface Antigen	Screening	2020-06-25 10:39 (-7)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-25 10:39 (-7)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-25 10:39 (-7)	NEGATIVE

Relative day is defined as days from the most recent injection date.

Listing 16.2.8.6
Other Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result
US2011012	Hepatitis B Virus Surface Antigen	Screening	2020-05-26 16:08 (-6)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-26 16:08 (-6)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-26 16:08 (-6)	NEGATIVE
US2011014	Hepatitis B Virus Surface Antigen	Screening	2020-05-26 16:21 (-6)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-26 16:21 (-6)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-26 16:21 (-6)	NEGATIVE
US2011032	Hepatitis B Virus Surface Antigen	Screening	2020-05-27 10:28 (-6)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-27 10:28 (-6)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-27 10:28 (-6)	NEGATIVE
US2011040	Hepatitis B Virus Surface Antigen	Screening	2020-05-27 14:08 (-5)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-27 14:08 (-5)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-27 14:08 (-5)	NEGATIVE
US2011117	Hepatitis B Virus Surface Antigen	Screening	2020-06-12 15:55 (-14)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-12 15:55 (-14)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-12 15:55 (-14)	NEGATIVE
US2011123	Hepatitis B Virus Surface Antigen	Screening	2020-06-17 12:55 (-9)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-17 12:55 (-9)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-17 12:55 (-9)	NEGATIVE
US2011125	Hepatitis B Virus Surface Antigen	Screening	2020-06-17 15:16 (-15)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-17 15:16 (-15)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-17 15:16 (-15)	NEGATIVE

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020806.sas 19NOV2020 01:52 Database Lock Date: 05NOV2020

Listing 16.2.8.6
Other Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result
US2011127	Hepatitis B Virus Surface Antigen	Screening	2020-06-18 10:14 (-8)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-18 10:14 (-8)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-18 10:14 (-8)	NEGATIVE
US2011137	Hepatitis B Virus Surface Antigen	Screening	2020-06-22 08:13 (-4)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-22 08:13 (-4)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-22 08:13 (-4)	NEGATIVE
US2011138	Hepatitis B Virus Surface Antigen	Screening	2020-06-22 11:02 (-5)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-22 11:02 (-5)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-22 11:02 (-5)	NEGATIVE
US2011153	Hepatitis B Virus Surface Antigen	Screening	2020-06-25 12:48 (-4)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-25 12:48 (-4)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-25 12:48 (-4)	NEGATIVE
US2021004	Hepatitis B Virus Surface Antigen	Screening	2020-05-26 09:52 (-3)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-26 09:52 (-3)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-26 09:52 (-3)	NEGATIVE
US2021012	Hepatitis B Virus Surface Antigen	Screening	2020-05-26 11:57 (-6)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-26 11:57 (-6)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-26 11:57 (-6)	NEGATIVE
US2021018	Hepatitis B Virus Surface Antigen	Screening	2020-05-26 13:54 (-3)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-26 13:54 (-3)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-26 13:54 (-3)	NEGATIVE

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020806.sas 19NOV2020 01:52 Database Lock Date: 05NOV2020

Listing 16.2.8.6
Other Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result
US2021019	Hepatitis B Virus Surface Antigen	Screening	2020-05-26 15:10 (-3)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-26 15:10 (-3)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-26 15:10 (-3)	NEGATIVE
US2021020	Hepatitis B Virus Surface Antigen	Screening	2020-05-26 14:18 (-6)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-26 14:18 (-6)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-26 14:18 (-6)	NEGATIVE
US2021045	Hepatitis B Virus Surface Antigen	Screening	2020-05-27 10:46 (-5)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-27 10:46 (-5)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-27 10:46 (-5)	NEGATIVE
US2021047	Hepatitis B Virus Surface Antigen	Screening	2020-05-27 15:38 (-5)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-27 15:38 (-5)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-27 15:38 (-5)	NEGATIVE
US2021133	Hepatitis B Virus Surface Antigen	Screening	2020-06-01 11:53 (-25)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-01 11:53 (-25)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-01 11:53 (-25)	NEGATIVE
US2021190	Hepatitis B Virus Surface Antigen	Screening	2020-06-11 13:24 (-15)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-11 13:24 (-15)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-11 13:24 (-15)	NEGATIVE
US2021192	Hepatitis B Virus Surface Antigen	Screening	2020-06-12 09:32 (-14)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-12 09:32 (-14)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-12 09:32 (-14)	NEGATIVE

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020806.sas 19NOV2020 01:52 Database Lock Date: 05NOV2020

Listing 16.2.8.6
Other Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result
US2021205	Hepatitis B Virus Surface Antigen	Screening	2020-06-17 09:31 (-9)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-17 09:31 (-9)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-17 09:31 (-9)	NEGATIVE
US2021216	Hepatitis B Virus Surface Antigen	Screening	2020-06-19 08:57 (-13)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-19 08:57 (-13)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-19 08:57 (-13)	NEGATIVE
US2021217	Hepatitis B Virus Surface Antigen	Screening	2020-06-19 11:49 (-10)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-19 11:49 (-10)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-19 11:49 (-10)	NEGATIVE
US2021220	Hepatitis B Virus Surface Antigen	Screening	2020-06-24 12:22 (-5)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-24 12:22 (-5)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-24 12:22 (-5)	NEGATIVE
US2021226	Hepatitis B Virus Surface Antigen	Screening	2020-06-30 16:31 (-6)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-30 16:31 (-6)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-30 16:31 (-6)	NEGATIVE
US2031086	Hepatitis B Virus Surface Antigen	Screening	2020-06-08 10:15 (-18)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-08 10:15 (-18)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-08 10:15 (-18)	NEGATIVE
US2031096	Hepatitis B Virus Surface Antigen	Screening	2020-06-09 10:56 (-17)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-09 10:56 (-17)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-09 10:56 (-17)	NEGATIVE

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020806.sas 19NOV2020 01:52 Database Lock Date: 05NOV2020

Listing 16.2.8.6
Other Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result
US2031097	Hepatitis B Virus Surface Antigen	Screening	2020-06-09 11:38 (-21)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-09 11:38 (-21)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-09 11:38 (-21)	NEGATIVE
US2031104	Hepatitis B Virus Surface Antigen	Screening	2020-06-10 09:00 (-16)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-10 09:00 (-16)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-10 09:00 (-16)	NEGATIVE
US2031105	Hepatitis B Virus Surface Antigen	Screening	2020-06-10 11:23 (-16)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-10 11:23 (-16)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-10 11:23 (-16)	NEGATIVE
US2031106	Hepatitis B Virus Surface Antigen	Screening	2020-06-10 14:10 (-16)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-10 14:10 (-16)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-10 14:10 (-16)	NEGATIVE
US2031107	Hepatitis B Virus Surface Antigen	Screening	2020-06-10 14:30 (-19)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-10 14:30 (-19)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-10 14:30 (-19)	NEGATIVE
US2031108	Hepatitis B Virus Surface Antigen	Screening	2020-06-10 14:49 (-26)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-10 14:49 (-26)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-10 14:49 (-26)	NEGATIVE
US2031109	HIV-1/2 Antibody	Screening	2020-06-10 15:08 (-16)	HIVNEGATIVE
	Hepatitis B Virus Surface Antigen	Screening	2020-06-10 15:08 (-16)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-10 15:08 (-16)	NEGATIVE

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Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020806.sas 19NOV2020 01:52 Database Lock Date: 05NOV2020

Listing 16.2.8.6
Other Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result
US2031109	Human Immunodeficiency Virus	Screening	2020-06-10 15:08 (-16)	POSITIVE
US2031114	Hepatitis B Virus Surface Antigen	Screening	2020-06-11 08:24 (-20)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-11 08:24 (-20)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-11 08:24 (-20)	NEGATIVE
US2031121	Hepatitis B Virus Surface Antigen	Screening	2020-06-12 14:02 (-18)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-12 14:02 (-18)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-12 14:02 (-18)	NEGATIVE
US2031128	Hepatitis B Virus Surface Antigen	Screening	2020-06-23 13:54 (-8)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-23 13:54 (-8)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-23 13:54 (-8)	NEGATIVE
US2041094	Hepatitis B Virus Surface Antigen	Screening	2020-06-08 15:28 (-18)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-08 15:28 (-18)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-08 15:28 (-18)	NEGATIVE
US2041100	Hepatitis B Virus Surface Antigen	Screening	2020-06-10 08:12 (-19)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-10 08:12 (-19)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-10 08:12 (-19)	NEGATIVE
US2041103	Hepatitis B Virus Surface Antigen	Screening	2020-06-10 11:21 (-16)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-10 11:21 (-16)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-10 11:21 (-16)	NEGATIVE
US2041104	Hepatitis B Virus Surface Antigen	Screening	2020-06-10 10:52 (-16)	NEGATIVE

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020806.sas 19NOV2020 01:52 Database Lock Date: 05NOV2020

Listing 16.2.8.6
Other Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result
US2041104	Hepatitis C Virus Antibody	Screening	2020-06-10 10:52 (-16)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-10 10:52 (-16)	NEGATIVE
US2041106	Hepatitis B Virus Surface Antigen	Screening	2020-06-11 09:02 (-15)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-11 09:02 (-15)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-11 09:02 (-15)	NEGATIVE
US2041109	Hepatitis B Virus Surface Antigen	Screening	2020-06-11 10:10 (-15)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-11 10:10 (-15)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-11 10:10 (-15)	NEGATIVE
US2041111	Hepatitis B Virus Surface Antigen	Screening	2020-06-11 10:38 (-18)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-11 10:38 (-18)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-11 10:38 (-18)	NEGATIVE
US2041113	Hepatitis B Virus Surface Antigen	Screening	2020-06-11 12:07 (-19)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-11 12:07 (-19)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-11 12:07 (-19)	NEGATIVE
US2041118	Hepatitis B Virus Surface Antigen	Screening	2020-06-11 15:26 (-18)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-11 15:26 (-18)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-11 15:26 (-18)	NEGATIVE
US2041119	Hepatitis B Virus Surface Antigen	Screening	2020-06-11 16:36 (-25)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-11 16:36 (-25)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-11 16:36 (-25)	NEGATIVE

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020806.sas 19NOV2020 01:52 Database Lock Date: 05NOV2020

Listing 16.2.8.6
Other Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result
US2041127	Hepatitis B Virus Surface Antigen	Screening	2020-06-12 12:15 (-14)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-12 12:15 (-14)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-12 12:15 (-14)	NEGATIVE
US2041130	Hepatitis B Virus Surface Antigen	Screening	2020-06-15 09:26 (-11)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-15 09:26 (-11)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-15 09:26 (-11)	NEGATIVE
US2041139	Hepatitis B Virus Surface Antigen	Screening	2020-06-16 10:49 (-13)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-16 10:49 (-13)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-16 10:49 (-13)	NEGATIVE
US2041145	Hepatitis B Virus Surface Antigen	Screening	2020-06-17 09:37 (-15)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-17 09:37 (-15)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-17 09:37 (-15)	NEGATIVE
US2041150	Hepatitis B Virus Surface Antigen	Screening	2020-06-18 10:55 (-13)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-18 10:55 (-13)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-18 10:55 (-13)	NEGATIVE
US2041155	Hepatitis B Virus Surface Antigen	Screening	2020-06-29 14:37 (-7)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-29 14:37 (-7)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-29 14:37 (-7)	NEGATIVE
US2051057	Hepatitis B Virus Surface Antigen	Screening	2020-06-15 10:57 (-11)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-15 10:57 (-11)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-15 10:57 (-11)	NEGATIVE

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020806.sas 19NOV2020 01:52 Database Lock Date: 05NOV2020

Listing 16.2.8.6
Other Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result
US2051059	Hepatitis B Virus Surface Antigen	Screening	2020-06-15 15:04 (-11)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-15 15:04 (-11)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-15 15:04 (-11)	NEGATIVE
US2051060	Hepatitis B Virus Surface Antigen	Screening	2020-06-16 09:25 (-10)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-16 09:25 (-10)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-16 09:25 (-10)	NEGATIVE
US2051066	Hepatitis B Virus Surface Antigen	Screening	2020-06-17 12:12 (-12)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-17 12:12 (-12)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-17 12:12 (-12)	NEGATIVE
US2051068	Hepatitis B Virus Surface Antigen	Screening	2020-06-17 15:02 (-13)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-17 15:02 (-13)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-17 15:02 (-13)	NEGATIVE
US2051071	Hepatitis B Virus Surface Antigen	Screening	2020-06-18 15:26 (-11)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-18 15:26 (-11)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-18 15:26 (-11)	NEGATIVE
US2051078	Hepatitis B Virus Surface Antigen	Screening	2020-06-22 09:15 (-8)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-22 09:15 (-8)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-22 09:15 (-8)	NEGATIVE
US2051081	Hepatitis B Virus Surface Antigen	Screening	2020-06-23 11:43 (-6)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-23 11:43 (-6)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-23 11:43 (-6)	NEGATIVE

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020806.sas 19NOV2020 01:52 Database Lock Date: 05NOV2020

Listing 16.2.8.6
Other Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result
US2051092	Hepatitis B Virus Surface Antigen	Screening	2020-06-26 12:27 (-11)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-26 12:27 (-11)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-26 12:27 (-11)	NEGATIVE
US2051093	Hepatitis B Virus Surface Antigen	Screening	2020-06-26 14:07 (-10)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-26 14:07 (-10)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-26 14:07 (-10)	NEGATIVE
US2051094	Hepatitis B Virus Surface Antigen	Screening	2020-06-29 10:29 (-8)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-29 10:29 (-8)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-29 10:29 (-8)	NEGATIVE
US2051095	Hepatitis B Virus Surface Antigen	Screening	2020-06-29 12:20 (-3)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-29 12:20 (-3)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-29 12:20 (-3)	NEGATIVE
US2051096	Hepatitis B Virus Surface Antigen	Screening	2020-06-29 14:08 (-7)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-29 14:08 (-7)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-29 14:08 (-7)	NEGATIVE
US2051099	Hepatitis B Virus Surface Antigen	Screening	2020-06-29 15:41 (-7)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-29 15:41 (-7)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-29 15:41 (-7)	NEGATIVE
US2051100	Hepatitis B Virus Surface Antigen	Screening	2020-06-29 15:13 (-3)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-29 15:13 (-3)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-29 15:13 (-3)	NEGATIVE

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020806.sas 19NOV2020 01:52 Database Lock Date: 05NOV2020

Listing 16.2.8.6
Other Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result
US2051103	Hepatitis B Virus Surface Antigen	Screening	2020-06-30 13:01 (-2)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-30 13:01 (-2)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-30 13:01 (-2)	NEGATIVE
US2051105	Hepatitis B Virus Surface Antigen	Screening	2020-06-30 12:56 (-2)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-30 12:56 (-2)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-30 12:56 (-2)	NEGATIVE
US2051107	Hepatitis B Virus Surface Antigen	Screening	2020-06-30 15:22 (-2)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-30 15:22 (-2)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-30 15:22 (-2)	NEGATIVE
US2051109	Hepatitis B Virus Surface Antigen	Screening	2020-06-30 16:02 (-6)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-30 16:02 (-6)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-30 16:02 (-6)	NEGATIVE
US2061037	Hepatitis B Virus Surface Antigen	Screening	2020-06-09 11:37 (-17)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-09 11:37 (-17)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-09 11:37 (-17)	NEGATIVE
US2061053	Hepatitis B Virus Surface Antigen	Screening	2020-06-15 14:02 (-16)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-15 14:02 (-16)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-15 14:02 (-16)	NEGATIVE
US2061057	Hepatitis B Virus Surface Antigen	Screening	2020-06-18 14:10 (-13)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-18 14:10 (-13)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-18 14:10 (-13)	NEGATIVE

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020806.sas 19NOV2020 01:52 Database Lock Date: 05NOV2020

Listing 16.2.8.6
Other Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result
US2061064	Hepatitis B Virus Surface Antigen	Screening	2020-06-22 14:23 (-8)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-22 14:23 (-8)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-22 14:23 (-8)	NEGATIVE
US2061068	Hepatitis B Virus Surface Antigen	Screening	2020-06-24 10:43 (-6)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-24 10:43 (-6)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-24 10:43 (-6)	NEGATIVE
US2071007	Hepatitis B Virus Surface Antigen	Screening	2020-05-25 13:02 (-8)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-25 13:02 (-8)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-25 13:02 (-8)	NEGATIVE
US2071024	Hepatitis B Virus Surface Antigen	Screening	2020-05-26 11:03 (-8)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-26 11:03 (-8)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-26 11:03 (-8)	NEGATIVE
US2071025	Hepatitis B Virus Surface Antigen	Screening	2020-05-26 11:19 (-8)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-26 11:19 (-8)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-26 11:19 (-8)	NEGATIVE
US2071083	Hepatitis B Virus Surface Antigen	Screening	2020-06-15 09:22 (-11)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-15 09:22 (-11)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-15 09:22 (-11)	NEGATIVE
US2071090	Hepatitis B Virus Surface Antigen	Screening	2020-06-18 17:31 (-11)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-18 17:31 (-11)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-18 17:31 (-11)	NEGATIVE

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020806.sas 19NOV2020 01:52 Database Lock Date: 05NOV2020

Listing 16.2.8.6
Other Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result
US2071099	Hepatitis B Virus Surface Antigen	Screening	2020-06-24 15:16 (-13)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-24 15:16 (-13)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-24 15:16 (-13)	NEGATIVE
US2071101	Hepatitis B Virus Surface Antigen	Screening	2020-06-25 14:05 (-4)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-25 14:05 (-4)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-25 14:05 (-4)	NEGATIVE
US2071104	Hepatitis B Virus Surface Antigen	Screening	2020-06-26 15:32 (-10)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-26 15:32 (-10)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-26 15:32 (-10)	NEGATIVE
US2071106	Hepatitis B Virus Surface Antigen	Screening	2020-07-01 15:55 (-5)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-07-01 15:55 (-5)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-07-01 15:55 (-5)	NEGATIVE
US2081003	Hepatitis B Virus Surface Antigen	Screening	2020-05-26 11:35 (-3)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-26 11:35 (-3)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-26 11:35 (-3)	NEGATIVE
US2081009	Hepatitis B Virus Surface Antigen	Screening	2020-05-27 09:01 (-5)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-27 09:01 (-5)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-27 09:01 (-5)	NEGATIVE
US2081020	Hepatitis B Virus Surface Antigen	Screening	2020-05-28 10:50 (-5)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-28 10:50 (-5)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-28 10:50 (-5)	NEGATIVE

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020806.sas 19NOV2020 01:52 Database Lock Date: 05NOV2020

Listing 16.2.8.6
Other Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result
US2081070	Hepatitis B Virus Surface Antigen	Screening	2020-06-12 12:34 (-14)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-12 12:34 (-14)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-12 12:34 (-14)	NEGATIVE
US2081071	Hepatitis B Virus Surface Antigen	Screening	2020-06-12 13:33 (-18)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-12 13:33 (-18)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-12 13:33 (-18)	NEGATIVE
US2081085	Hepatitis B Virus Surface Antigen	Screening	2020-06-18 11:13 (-15)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-18 11:13 (-15)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-18 11:13 (-15)	NEGATIVE
US2081090	Hepatitis B Virus Surface Antigen	Screening	2020-06-19 07:46 (-12)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-19 07:46 (-12)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-19 07:46 (-12)	NEGATIVE
US2081092	Hepatitis B Virus Surface Antigen	Screening	2020-06-19 12:00 (-13)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-19 12:00 (-13)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-19 12:00 (-13)	NEGATIVE
US2081100	Hepatitis B Virus Surface Antigen	Screening	2020-06-22 12:30 (-10)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-22 12:30 (-10)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-22 12:30 (-10)	NEGATIVE
US2081110	Hepatitis B Virus Surface Antigen	Screening	2020-06-23 15:04 (-10)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-23 15:04 (-10)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-23 15:04 (-10)	NEGATIVE

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020806.sas 19NOV2020 01:52 Database Lock Date: 05NOV2020

Listing 16.2.8.6
Other Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result
US2081112	Hepatitis B Virus Surface Antigen	Screening	2020-06-24 07:55 (-9)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-24 07:55 (-9)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-24 07:55 (-9)	NEGATIVE
US2081118	Hepatitis B Virus Surface Antigen	Screening	2020-06-24 12:12 (-7)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-24 12:12 (-7)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-24 12:12 (-7)	NEGATIVE
US2081123	Hepatitis B Virus Surface Antigen	Screening	2020-06-25 09:32 (-5)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-25 09:32 (-5)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-25 09:32 (-5)	NEGATIVE

Relative day is defined as days from the most recent injection date.

Listing 16.2.8.6
Other Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result
US2011004	Hepatitis B Virus Surface Antigen	Screening	2020-05-26 13:15 (-6)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-26 13:15 (-6)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-26 13:15 (-6)	NEGATIVE
US2011009	Hepatitis B Virus Surface Antigen	Screening	2020-05-26 15:08 (-6)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-26 15:08 (-6)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-26 15:08 (-6)	NEGATIVE
US2011028	Hepatitis B Virus Surface Antigen	Screening	2020-05-27 09:34 (-5)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-27 09:34 (-5)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-27 09:34 (-5)	NEGATIVE
US2011113	Hepatitis B Virus Surface Antigen	Screening	2020-06-12 11:19 (-20)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-12 11:19 (-20)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-12 11:19 (-20)	NEGATIVE
US2011118	Hepatitis B Virus Surface Antigen	Screening	2020-06-12 16:05 (-14)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-12 16:05 (-14)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-12 16:05 (-14)	NEGATIVE
US2011121	Hepatitis B Virus Surface Antigen	Screening	2020-06-15 14:13 (-17)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-15 14:13 (-17)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-15 14:13 (-17)	NEGATIVE
US2011122	Hepatitis B Virus Surface Antigen	Screening	2020-06-16 15:05 (-10)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-16 15:05 (-10)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-16 15:05 (-10)	NEGATIVE

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020806.sas 19NOV2020 01:52 Database Lock Date: 05NOV2020

Listing 16.2.8.6
Other Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result
US2011128	Hepatitis B Virus Surface Antigen	Screening	2020-06-18 11:51 (-12)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-18 11:51 (-12)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-18 11:51 (-12)	NEGATIVE
US2011139	Hepatitis B Virus Surface Antigen	Screening	2020-06-22 12:02 (-4)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-22 12:02 (-4)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-22 12:02 (-4)	NEGATIVE
US2011149	Hepatitis B Virus Surface Antigen	Screening	2020-06-25 11:27 (-4)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-25 11:27 (-4)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-25 11:27 (-4)	NEGATIVE
US2011159	Hepatitis B Virus Surface Antigen	Screening	2020-06-30 13:50 (-2)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-30 13:50 (-2)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-30 13:50 (-2)	NEGATIVE
US2011162	Hepatitis B Virus Surface Antigen	Screening	2020-07-01 16:28 (-5)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-07-01 16:28 (-5)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-07-01 16:28 (-5)	NEGATIVE
US2021003	Hepatitis B Virus Surface Antigen	Screening	2020-05-26 10:10 (-3)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-26 10:10 (-3)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-26 10:10 (-3)	NEGATIVE
US2021007	Hepatitis B Virus Surface Antigen	Screening	2020-05-26 10:48 (-6)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-26 10:48 (-6)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-26 10:48 (-6)	NEGATIVE

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020806.sas 19NOV2020 01:52 Database Lock Date: 05NOV2020

Listing 16.2.8.6
Other Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result
US2021011	Hepatitis B Virus Surface Antigen	Screening	2020-05-26 11:46 (-3)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-26 11:46 (-3)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-26 11:46 (-3)	NEGATIVE
US2021031	Hepatitis B Virus Surface Antigen	Screening	2020-05-26 17:48 (-6)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-26 17:48 (-6)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-26 17:48 (-6)	NEGATIVE
US2021114	Hepatitis B Virus Surface Antigen	Screening	2020-05-29 09:45 (-28)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-29 09:45 (-28)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-29 09:45 (-28)	NEGATIVE
US2021115	Hepatitis B Virus Surface Antigen	Screening	2020-05-29 10:35 (-28)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-29 10:35 (-28)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-29 10:35 (-28)	NEGATIVE
US2021186	Hepatitis B Virus Surface Antigen	Screening	2020-06-10 14:45 (-16)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-10 14:45 (-16)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-10 14:45 (-16)	NEGATIVE
US2021208	Hepatitis B Virus Surface Antigen	Screening	2020-06-17 16:49 (-14)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-17 16:49 (-14)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-17 16:49 (-14)	NEGATIVE
US2021211	Hepatitis B Virus Surface Antigen	Screening	2020-06-18 11:00 (-14)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-18 11:00 (-14)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-18 11:00 (-14)	NEGATIVE

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020806.sas 19NOV2020 01:52 Database Lock Date: 05NOV2020

Listing 16.2.8.6
Other Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result
US2021214	Hepatitis B Virus Surface Antigen	Screening	2020-06-18 12:40 (-8)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-18 12:40 (-8)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-18 12:40 (-8)	NEGATIVE
US2021215	Hepatitis B Virus Surface Antigen	Screening	2020-06-18 12:30 (-11)	NEGATIVE
		Unscheduled	2020-09-08 15:04 (37)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-18 12:30 (-11)	NEGATIVE
		Unscheduled	2020-09-08 15:04 (37)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-18 12:30 (-11)	NEGATIVE
		Unscheduled	2020-09-08 15:04 (37)	NEGATIVE
US2021218	Hepatitis B Virus Surface Antigen	Screening	2020-06-23 10:25 (-7)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-23 10:25 (-7)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-23 10:25 (-7)	NEGATIVE
US2021230	Hepatitis B Virus Surface Antigen	Screening	2020-07-01 15:58 (-5)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-07-01 15:58 (-5)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-07-01 15:58 (-5)	NEGATIVE
US2021232	Hepatitis B Virus Surface Antigen	Screening	2020-07-02 13:05 (-4)	NEGATIVE
		Unscheduled	2020-09-10 12:44 (36)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-07-02 13:05 (-4)	NEGATIVE
		Unscheduled	2020-09-10 12:44 (36)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-07-02 13:05 (-4)	NEGATIVE
		Unscheduled	2020-09-10 12:44 (36)	NEGATIVE
US2021234	Hepatitis B Virus Surface Antigen	Screening	2020-07-02 15:14 (-5)	NEGATIVE

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020806.sas 19NOV2020 01:52 Database Lock Date: 05NOV2020

Listing 16.2.8.6
Other Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result
US2021234	Hepatitis C Virus Antibody	Screening	2020-07-02 15:14 (-5)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-07-02 15:14 (-5)	NEGATIVE
US2031091	Hepatitis B Virus Surface Antigen	Screening	2020-06-08 14:22 (-18)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-08 14:22 (-18)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-08 14:22 (-18)	NEGATIVE
US2031093	Hepatitis B Virus Surface Antigen	Screening	2020-06-08 16:10 (-23)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-08 16:10 (-23)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-08 16:10 (-23)	NEGATIVE
US2031101	Hepatitis B Virus Surface Antigen	Screening	2020-06-09 16:09 (-20)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-09 16:09 (-20)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-09 16:09 (-20)	NEGATIVE
US2031111	Hepatitis B Virus Surface Antigen	Screening	2020-06-10 16:10 (-16)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-10 16:10 (-16)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-10 16:10 (-16)	NEGATIVE
US2031112	Hepatitis B Virus Surface Antigen	Screening	2020-06-10 16:07 (-16)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-10 16:07 (-16)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-10 16:07 (-16)	NEGATIVE
US2031122	Hepatitis B Virus Surface Antigen	Screening	2020-06-12 14:53 (-17)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-12 14:53 (-17)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-12 14:53 (-17)	NEGATIVE

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020806.sas 19NOV2020 01:52 Database Lock Date: 05NOV2020

Listing 16.2.8.6
Other Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result
US2041096	Hepatitis B Virus Surface Antigen	Screening	2020-06-09 11:18 (-20)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-09 11:18 (-20)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-09 11:18 (-20)	NEGATIVE
US2041107	Hepatitis B Virus Surface Antigen	Screening	2020-06-11 09:49 (-15)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-11 09:49 (-15)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-11 09:49 (-15)	NEGATIVE
US2041108	Hepatitis B Virus Surface Antigen	Screening	2020-06-11 09:36 (-15)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-11 09:36 (-15)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-11 09:36 (-15)	NEGATIVE
US2041112	Hepatitis B Virus Surface Antigen	Screening	2020-06-11 11:56 (-15)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-11 11:56 (-15)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-11 11:56 (-15)	NEGATIVE
US2041117	Hepatitis B Virus Surface Antigen	Screening	2020-06-11 14:55 (-15)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-11 14:55 (-15)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-11 14:55 (-15)	NEGATIVE
US2041120	Hepatitis B Virus Surface Antigen	Screening	2020-06-11 16:40 (-19)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-11 16:40 (-19)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-11 16:40 (-19)	NEGATIVE
US2041122	Hepatitis B Virus Surface Antigen	Screening	2020-06-12 09:05 (-17)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-12 09:05 (-17)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-12 09:05 (-17)	NEGATIVE

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020806.sas 19NOV2020 01:52 Database Lock Date: 05NOV2020

Listing 16.2.8.6
Other Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result
US2041123	Hepatitis B Virus Surface Antigen	Screening	2020-06-12 09:18 (-14)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-12 09:18 (-14)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-12 09:18 (-14)	NEGATIVE
US2041125	Hepatitis B Virus Surface Antigen	Screening	2020-06-12 11:30 (-17)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-12 11:30 (-17)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-12 11:30 (-17)	NEGATIVE
US2041126	Hepatitis B Virus Surface Antigen	Screening	2020-06-12 12:00 (-14)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-12 12:00 (-14)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-12 12:00 (-14)	NEGATIVE
US2041131	Hepatitis B Virus Surface Antigen	Screening	2020-06-15 10:24 (-14)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-15 10:24 (-14)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-15 10:24 (-14)	NEGATIVE
US2041136	Hepatitis B Virus Surface Antigen	Screening	2020-06-15 16:10 (-16)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-15 16:10 (-16)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-15 16:10 (-16)	NEGATIVE
US2041138	Hepatitis B Virus Surface Antigen	Screening	2020-06-16 09:11 (-10)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-16 09:11 (-10)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-16 09:11 (-10)	NEGATIVE
US2041144	Hepatitis B Virus Surface Antigen	Screening	2020-06-16 15:23 (-10)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-16 15:23 (-10)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-16 15:23 (-10)	NEGATIVE

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020806.sas 19NOV2020 01:52 Database Lock Date: 05NOV2020

Listing 16.2.8.6
Other Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result
US2041149	Hepatitis B Virus Surface Antigen	Screening	2020-06-18 10:25 (-18)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-18 10:25 (-18)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-18 10:25 (-18)	NEGATIVE
US2051054	Hepatitis B Virus Surface Antigen	Screening	2020-06-11 11:51 (-15)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-11 11:51 (-15)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-11 11:51 (-15)	NEGATIVE
US2051064	Hepatitis B Virus Surface Antigen	Screening	2020-06-17 10:01 (-14)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-17 10:01 (-14)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-17 10:01 (-14)	NEGATIVE
US2051069	Hepatitis B Virus Surface Antigen	Screening	2020-06-18 09:23 (-8)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-18 09:23 (-8)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-18 09:23 (-8)	NEGATIVE
US2051070	Hepatitis B Virus Surface Antigen	Screening	2020-06-18 09:13 (-13)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-18 09:13 (-13)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-18 09:13 (-13)	NEGATIVE
US2051074	Hepatitis B Virus Surface Antigen	Screening	2020-06-19 10:29 (-11)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-19 10:29 (-11)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-19 10:29 (-11)	NEGATIVE
US2051075	Hepatitis B Virus Surface Antigen	Screening	2020-06-19 12:15 (-11)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-19 12:15 (-11)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-19 12:15 (-11)	NEGATIVE

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020806.sas 19NOV2020 01:52 Database Lock Date: 05NOV2020

Listing 16.2.8.6
Other Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result
US2051077	Hepatitis B Virus Surface Antigen	Screening	2020-06-22 09:09 (-8)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-22 09:09 (-8)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-22 09:09 (-8)	NEGATIVE
US2051084	Hepatitis B Virus Surface Antigen	Screening	2020-06-23 15:27 (-8)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-23 15:27 (-8)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-23 15:27 (-8)	NEGATIVE
US2051085	Hepatitis B Virus Surface Antigen	Screening	2020-06-24 13:45 (-8)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-24 13:45 (-8)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-24 13:45 (-8)	NEGATIVE
US2051088	Hepatitis B Virus Surface Antigen	Screening	2020-06-25 10:13 (-5)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-25 10:13 (-5)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-25 10:13 (-5)	NEGATIVE
US2051097	Hepatitis B Virus Surface Antigen	Screening	2020-06-29 14:53 (-7)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-29 14:53 (-7)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-29 14:53 (-7)	NEGATIVE
US2051101	Hepatitis B Virus Surface Antigen	Screening	2020-06-30 10:05 (-6)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-30 10:05 (-6)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-30 10:05 (-6)	NEGATIVE
US2051102	Hepatitis B Virus Surface Antigen	Screening	2020-07-01 08:23 (-5)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-07-01 08:23 (-5)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-07-01 08:23 (-5)	NEGATIVE

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020806.sas 19NOV2020 01:52 Database Lock Date: 05NOV2020

Listing 16.2.8.6
Other Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result
US2051104	Hepatitis B Virus Surface Antigen	Screening	2020-06-30 12:38 (-7)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-30 12:38 (-7)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-30 12:38 (-7)	NEGATIVE
US2051106	Hepatitis B Virus Surface Antigen	Screening	2020-06-30 13:27 (-6)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-30 13:27 (-6)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-30 13:27 (-6)	NEGATIVE
US2051108	Hepatitis B Virus Surface Antigen	Screening	2020-06-30 14:57 (-6)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-30 14:57 (-6)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-30 14:57 (-6)	NEGATIVE
US2051111	Hepatitis B Virus Surface Antigen	Screening	2020-07-01 13:51 (-5)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-07-01 13:51 (-5)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-07-01 13:51 (-5)	NEGATIVE
US2061036	Hepatitis B Virus Surface Antigen	Screening	2020-06-09 11:11 (-17)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-09 11:11 (-17)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-09 11:11 (-17)	NEGATIVE
US2061045	Hepatitis B Virus Surface Antigen	Screening	2020-06-10 16:16 (-19)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-10 16:16 (-19)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-10 16:16 (-19)	NEGATIVE
US2061063	Hepatitis B Virus Surface Antigen	Screening	2020-06-22 13:52 (-8)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-22 13:52 (-8)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-22 13:52 (-8)	NEGATIVE

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020806.sas 19NOV2020 01:52 Database Lock Date: 05NOV2020

Listing 16.2.8.6
Other Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result
US2071006	Hepatitis B Virus Surface Antigen	Screening	2020-05-25 11:08 (-8)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-25 11:08 (-8)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-25 11:08 (-8)	NEGATIVE
US2071013	Hepatitis B Virus Surface Antigen	Screening	2020-05-25 15:42 (-8)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-25 15:42 (-8)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-25 15:42 (-8)	NEGATIVE
US2071037	Hepatitis B Virus Surface Antigen	Screening	2020-05-27 12:34 (-7)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-27 12:34 (-7)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-27 12:34 (-7)	NEGATIVE
US2071043	Hepatitis B Virus Surface Antigen	Screening	2020-05-28 13:32 (-6)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-28 13:32 (-6)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-28 13:32 (-6)	NEGATIVE
US2071082	Hepatitis B Virus Surface Antigen	Screening	2020-06-15 09:36 (-11)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-15 09:36 (-11)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-15 09:36 (-11)	NEGATIVE
US2071087	Hepatitis B Virus Surface Antigen	Screening	2020-06-18 12:36 (-8)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-18 12:36 (-8)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-18 12:36 (-8)	NEGATIVE
US2071089	Hepatitis B Virus Surface Antigen	Screening	2020-06-18 12:20 (-8)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-18 12:20 (-8)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-18 12:20 (-8)	NEGATIVE

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020806.sas 19NOV2020 01:52 Database Lock Date: 05NOV2020

Listing 16.2.8.6
Other Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result
US2071091	Hepatitis B Virus Surface Antigen	Screening	2020-06-19 10:06 (-7)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-19 10:06 (-7)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-19 10:06 (-7)	NEGATIVE
US2071093	Hepatitis B Virus Surface Antigen	Screening	2020-06-22 09:09 (-7)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-22 09:09 (-7)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-22 09:09 (-7)	NEGATIVE
US2071095	Hepatitis B Virus Surface Antigen	Screening	2020-06-23 14:50 (-6)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-23 14:50 (-6)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-23 14:50 (-6)	NEGATIVE
US2071096	Hepatitis B Virus Surface Antigen	Screening	2020-06-24 10:58 (-8)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-24 10:58 (-8)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-24 10:58 (-8)	NEGATIVE
US2081001	Hepatitis B Virus Surface Antigen	Screening	2020-05-26 10:04 (-3)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-26 10:04 (-3)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-26 10:04 (-3)	NEGATIVE
US2081002	Hepatitis B Virus Surface Antigen	Screening	2020-05-26 10:00 (-3)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-26 10:00 (-3)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-26 10:00 (-3)	NEGATIVE
US2081014	Hepatitis B Virus Surface Antigen	Screening	2020-05-27 13:55 (-5)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-27 13:55 (-5)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-27 13:55 (-5)	NEGATIVE

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020806.sas 19NOV2020 01:52 Database Lock Date: 05NOV2020

Listing 16.2.8.6
Other Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result
US2081016	Hepatitis B Virus Surface Antigen	Screening	2020-05-27 15:40 (-5)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-27 15:40 (-5)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-27 15:40 (-5)	NEGATIVE
US2081019	Hepatitis B Virus Surface Antigen	Screening	2020-05-28 10:02 (-5)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-28 10:02 (-5)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-28 10:02 (-5)	NEGATIVE
US2081035	Hepatitis B Virus Surface Antigen	Screening	2020-05-29 13:46 (-4)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-05-29 13:46 (-4)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-05-29 13:46 (-4)	NEGATIVE
US2081069	Hepatitis B Virus Surface Antigen	Screening	2020-06-11 15:20 (-15)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-11 15:20 (-15)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-11 15:20 (-15)	NEGATIVE
US2081072	Hepatitis B Virus Surface Antigen	Screening	2020-06-15 09:55 (-11)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-15 09:55 (-11)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-15 09:55 (-11)	NEGATIVE
US2081075	Hepatitis B Virus Surface Antigen	Screening	2020-06-15 13:50 (-15)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-15 13:50 (-15)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-15 13:50 (-15)	NEGATIVE
US2081076	Hepatitis B Virus Surface Antigen	Screening	2020-06-16 12:06 (-15)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-16 12:06 (-15)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-16 12:06 (-15)	NEGATIVE

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020806.sas 19NOV2020 01:52 Database Lock Date: 05NOV2020

Listing 16.2.8.6
Other Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result
US2081081	Hepatitis B Virus Surface Antigen	Screening	2020-06-17 10:49 (-12)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-17 10:49 (-12)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-17 10:49 (-12)	NEGATIVE
US2081088	Hepatitis B Virus Surface Antigen	Screening	2020-06-18 13:41 (-14)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-18 13:41 (-14)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-18 13:41 (-14)	NEGATIVE
US2081091	Hepatitis B Virus Surface Antigen	Screening	2020-06-19 09:06 (-14)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-19 09:06 (-14)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-19 09:06 (-14)	NEGATIVE
US2081093	Hepatitis B Virus Surface Antigen	Screening	2020-06-19 12:24 (-13)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-19 12:24 (-13)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-19 12:24 (-13)	NEGATIVE
US2081099	Hepatitis B Virus Surface Antigen	Screening	2020-06-22 10:52 (-4)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-22 10:52 (-4)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-22 10:52 (-4)	NEGATIVE
US2081108	Hepatitis B Virus Surface Antigen	Screening	2020-06-23 13:35 (-10)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-23 13:35 (-10)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-23 13:35 (-10)	NEGATIVE
US2081116	Hepatitis B Virus Surface Antigen	Screening	2020-06-24 10:50 (-5)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-24 10:50 (-5)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-24 10:50 (-5)	NEGATIVE

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020806.sas 19NOV2020 01:52 Database Lock Date: 05NOV2020

Listing 16.2.8.6
Other Laboratory Test Results
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Lab Test (Unit)	Visit	Date of Collection (Relative Day)	Result
US2081117	Hepatitis B Virus Surface Antigen	Screening	2020-06-24 12:05 (-12)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-24 12:05 (-12)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-24 12:05 (-12)	NEGATIVE
US2081120	Hepatitis B Virus Surface Antigen	Screening	2020-06-24 13:38 (-7)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-24 13:38 (-7)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-24 13:38 (-7)	NEGATIVE
US2081121	Hepatitis B Virus Surface Antigen	Screening	2020-06-24 15:40 (-12)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-24 15:40 (-12)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-24 15:40 (-12)	NEGATIVE
US2081129	Hepatitis B Virus Surface Antigen	Screening	2020-06-25 15:21 (-7)	NEGATIVE
	Hepatitis C Virus Antibody	Screening	2020-06-25 15:21 (-7)	NEGATIVE
	Human Immunodeficiency Virus	Screening	2020-06-25 15:21 (-7)	NEGATIVE

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020806.sas 19NOV2020 01:52 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2011030	Screening	2020-05-27 09:49 (-6)	125	80	82	14	37.1/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-02 09:10 (1)	104	72	87	10	37.1/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-02 11:52 (1)	107	85	74	14	37.1/ORAL CAVITY
	Day 8	2020-06-09 09:11 (8)	118	66	72	14	37.1/ORAL CAVITY
	Day 15	2020-06-16 09:11 (15)	122	86	90	14	37.1/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-06-30 07:16 (29)	104	74	76	14	37.1/ORAL CAVITY
	Day 29/ POST-DOSE	2020-06-30 10:16 (1)	122	72	68	14	36.9/ORAL CAVITY
	Day 36	2020-07-07 07:14 (8)	108	75	82	14	37.3/ORAL CAVITY
	Day 43	2020-07-14 07:10 (15)	112	73	84	14	37.1/ORAL CAVITY
	Day 57	2020-07-28 07:28 (29)	105	81	81	14	37.1/ORAL CAVITY
US2011042	Screening	2020-05-27 12:28 (-12)	122	86	86	16	37.1/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-08 08:44 (1)	126	78	64	12	36.6/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-08 11:03 (1)	131	85	73	12	36.7/ORAL CAVITY
	Day 8	2020-06-16 09:20 (9)	121	90	74	14	36.6/ORAL CAVITY
	Day 15	2020-06-22 15:02 (15)	117	78	77	14	36.6/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-06 14:36 (29)	122	62	74	14	36.5/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-06 17:15 (1)	110	80	70	16	36.3/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2011042	Day 36	2020-07-13 14:00 (8)	132	79	64	12	36.9/ORAL CAVITY
	Day 43	2020-07-20 12:05 (15)	120	88	78	16	36.7/ORAL CAVITY
	Day 57	2020-08-04 10:20 (30)	137	78	64	14	36.8/ORAL CAVITY
US2011043	Screening	2020-05-27 13:23 (-5)	134	76	66	12	36.8/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-01 07:10 (1)	116	79	61	16	36.9/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-01 10:10 (1)	122	76	56	14	36.8/ORAL CAVITY
	Day 8	2020-06-08 07:17 (8)	126	68	72	12	36.7/ORAL CAVITY
	Day 15	2020-06-15 07:12 (15)	126	78	60	16	36.7/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-06-29 07:23 (29)	125	84	54	12	36.8/ORAL CAVITY
	Day 29/ POST-DOSE	2020-06-29 11:03 (1)	129	89	55	12	36.8/ORAL CAVITY
	Day 36	2020-07-06 07:16 (8)	110	72	68	14	36.5/ORAL CAVITY
	Day 43	2020-07-13 07:13 (15)	131	81	69	14	36.4/ORAL CAVITY
	Day 57	2020-07-27 07:17 (29)	110	79	59	14	36.8/ORAL CAVITY
US2011056	Screening	2020-05-28 07:32 (-5)	128	89	59	14	36.7/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-02 16:05 (1)	124	76	56	14	36.8/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-02 18:55 (1)	120	80	53	14	36.6/ORAL CAVITY
	Day 8	2020-06-09 09:18 (8)	128	80	72	14	36.8/ORAL CAVITY
	Day 15	2020-06-16 08:10 (15)	125	85	65	14	36.7/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2011056	Day 29/ PRE-DOSE	2020-06-30 15:15 (29)	108	74	62	16	36.9/ORAL CAVITY
	Day 29/ POST-DOSE	2020-06-30 18:13 (1)	118	66	58	14	36.7/ORAL CAVITY
	Day 36	2020-07-07 15:05 (8)	128	74	75	14	36.3/ORAL CAVITY
	Day 43	2020-07-14 08:11 (15)	117	84	68	14	36.4/ORAL CAVITY
	Day 57	2020-07-28 08:43 (29)	127	87	61	14	36.6/ORAL CAVITY
US2011057	Screening	2020-05-28 08:29 (-5)	144	87	73	16	37/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-02 13:27 (1)	134	72	81	16	36.9/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-02 15:38 (1)	134	85	68	16	36.8/ORAL CAVITY
	Day 8	2020-06-09 07:58 (8)	130	92	78	14	36.6/ORAL CAVITY
	Day 15	2020-06-16 07:07 (15)	130	90	72	16	36.4/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-06-30 07:21 (29)	110	72	68	16	36.7/ORAL CAVITY
	Day 29/ POST-DOSE	2020-06-30 09:55 (1)	122	78	58	14	36.6/ORAL CAVITY
	Day 36	2020-07-07 07:15 (8)	140	90	67	16	36.7/ORAL CAVITY
	Day 43	2020-07-14 07:09 (15)	140	90	76	14	36.9/ORAL CAVITY
	Day 57	2020-07-28 15:43 (29)	144	88	78	16	36.9/ORAL CAVITY
US2011060	Screening	2020-05-28 09:23 (-5)	126	78	64	14	36.9/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-02 11:36 (1)	111	67	59	14	37.1/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2011060	Day 1/ POST-DOSE	2020-06-02 13:43 (1)	114	66	45	14	36.9/ORAL CAVITY
	Day 8	2020-06-09 08:13 (8)	126	57	63	14	36.9/ORAL CAVITY
	Day 15	2020-06-16 08:12 (15)	118	75	50	16	36.8/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-06-30 14:57 (29)	132	72	58	14	36.9/ORAL CAVITY
	Day 29/ POST-DOSE	2020-06-30 18:33 (1)	128	72	54	14	36.7/ORAL CAVITY
	Day 36	2020-07-07 13:59 (8)	111	58	69	14	36.8/ORAL CAVITY
	Day 43	2020-07-14 13:35 (15)	117	58	61	14	36.9/ORAL CAVITY
	Day 57	2020-07-28 14:30 (29)	102	60	56	16	36.8/ORAL CAVITY
US2011064	Screening	2020-05-28 10:52 (-5)	112	62	73	16	36.7/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-02 11:13 (1)	114	64	72	16	36.8/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-02 13:30 (1)	119	87	64	14	36.9/ORAL CAVITY
	Day 8	2020-06-09 12:06 (8)	116	84	72	14	36.9/ORAL CAVITY
	Day 15	2020-06-16 11:20 (15)	114	74	66	14	36.7/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-01 12:38 (30)	110	72	72	14	37.1/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-01 14:58 (1)	124	76	70	14	36.9/ORAL CAVITY
	Day 36	2020-07-09 10:07 (9)	94	62	72	16	36.8/ORAL CAVITY
	Day 43	2020-07-16 11:04 (16)	104	72	67	16	36.9/ORAL CAVITY
	Day 57	2020-07-30 11:46 (30)	114	82	58	14	36.9/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2011067	Screening	2020-05-28 12:13 (-6)	124	82	72	16	36.9/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-03 12:07 (1)	134	72	68	10	36.9/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-03 14:37 (1)	131	81	88	10	36.8/ORAL CAVITY
	Day 15	2020-06-15 09:53 (13)	133	92	102	14	36.9/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-07 08:15 (35)	100	74	89	16	36.9/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-07 10:15 (1)	109	80	77	14	36.8/ORAL CAVITY
	Day 36	2020-07-14 10:24 (8)	128	78	92	16	36/ORAL CAVITY
	Day 43	2020-07-21 11:23 (15)	127	86	81	16	37/ORAL CAVITY
	Day 57	2020-08-06 11:44 (31)	108	68	77	16	37.2/ORAL CAVITY
US2011068	Screening	2020-05-28 12:16 (-5)	139	90	60	14	37/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-02 07:20 (1)	127	82	66	14	36.9/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-02 09:40 (1)	128	88	50	14	36.9/ORAL CAVITY
	Day 8	2020-06-09 10:23 (8)	120	76	71	12	36.9/ORAL CAVITY
	Day 15	2020-06-16 10:12 (15)	134	89	65	12	37.1/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-06-30 08:30 (29)	118	70	60	16	36.7/ORAL CAVITY
	Day 29/ POST-DOSE	2020-06-30 10:51 (1)	130	68	62	12	37/ORAL CAVITY
	Day 36	2020-07-07 09:07 (8)	132	82	64	14	36.6/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2011068	Day 43	2020-07-14 09:16 (15)	126	90	63	14	37/ORAL CAVITY
	Day 57	2020-07-28 09:33 (29)	128	90	57	14	36.7/ORAL CAVITY
US2011069	Screening	2020-05-28 12:59 (-5)	132	80	55	10	36.9/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-02 07:59 (1)	140	80	55	12	36.9/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-02 11:00 (1)	135	85	66	14	36.7/ORAL CAVITY
	Day 8	2020-06-09 10:54 (8)	132	70	62	14	37/ORAL CAVITY
	Day 15	2020-06-16 11:20 (15)	130	70	56	14	37/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-06-30 11:42 (29)	120	70	68	16	36.9/ORAL CAVITY
	Day 29/ POST-DOSE	2020-06-30 15:12 (1)	122	68	60	14	36.7/ORAL CAVITY
	Day 36	2020-07-07 11:06 (8)	142	78	66	14	36.7/ORAL CAVITY
	Day 43	2020-07-14 12:47 (15)	124	82	52	14	36.7/ORAL CAVITY
	Day 57	2020-07-28 14:51 (29)	124	80	55	16	36.6/ORAL CAVITY
US2011070	Screening	2020-05-28 12:56 (-8)	146	87	76	16	37.1/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-05 07:48 (1)	124	87	78	16	36.8/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-05 10:02 (1)	147	76	70	14	36.8/ORAL CAVITY
	Day 15	2020-06-22 10:55 (18)	135	85	78	14	36.9/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-06 11:00 (32)	145	79	86	16	37.1/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2011070	Day 29/ POST-DOSE	2020-07-06 13:27 (1)	141	86	71	16	36.9/ORAL CAVITY
	Day 36	2020-07-14 10:50 (9)	140	86	59	14	36.8/ORAL CAVITY
	Day 43	2020-07-20 10:42 (15)	178	89	99	14	37.1/ORAL CAVITY
	Day 57	2020-08-06 10:55 (32)	138	88	82	16	36.8/ORAL CAVITY
US2011086	Screening	2020-05-29 16:33 (-4)	109	65	62	16	36.7/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-02 09:21 (1)	118	68	62	16	36.8/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-02 11:28 (1)	100	59	52	16	36.8/ORAL CAVITY
	Day 8	2020-06-09 14:07 (8)	110	66	63	14	36.8/ORAL CAVITY
	Day 15	2020-06-16 13:32 (15)	127	67	52	14	36.9/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-06-30 09:25 (29)	100	52	60	14	36.6/ORAL CAVITY
	Day 29/ POST-DOSE	2020-06-30 11:49 (1)	92	62	58	14	37/ORAL CAVITY
	Day 36	2020-07-07 15:09 (8)	105	69	60	16	36.7/ORAL CAVITY
	Day 43	2020-07-13 09:06 (14)	108	68	55	16	36.6/ORAL CAVITY
	Day 57	2020-07-27 10:00 (28)	149	57	48	14	36.4/ORAL CAVITY
US2011088	Screening	2020-06-01 08:45 (-3)	114	81	61	10	36.7/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-04 07:17 (1)	121	82	60	14	37.1/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-04 09:52 (1)	141	90	54	14	36.8/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2011088	Day 8	2020-06-11 08:20 (8)	110	78	73	14	36.8/ORAL CAVITY
	Day 15	2020-06-18 08:22 (15)	113	73	57	14	36.7/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-07 08:25 (34)	121	89	61	14	36.9/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-07 10:42 (1)	126	83	61	14	37/ORAL CAVITY
	Day 36	2020-07-14 08:48 (8)	127	85	59	14	36.7/ORAL CAVITY
	Day 43	2020-07-21 08:16 (15)	118	81	62	14	37/ORAL CAVITY
	Day 57	2020-08-04 08:24 (29)	134	76	64	14	36.6/ORAL CAVITY
US2021061	Screening	2020-05-27 14:15 (-6)	120	78	60	18	37.2/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-02 09:40 (1)	104	76	60	16	37.1/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-02 11:50 (1)	118	86	48	16	36.3/ORAL CAVITY
	Day 8	2020-06-09 09:32 (8)	127	82	60	15	37.1/ORAL CAVITY
	Day 15	2020-06-15 09:44 (14)	114	78	55	15	36.7/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-06-30 09:20 (29)	100	78	56	14	36.4/ORAL CAVITY
	Day 29/ POST-DOSE	2020-06-30 11:10 (1)	115	87	47	16	36.4/ORAL CAVITY
	Day 36	2020-07-07 13:16 (8)	105	69	61	14	36.8/ORAL CAVITY
	Day 43	2020-07-13 13:30 (14)	115	81	57	15	36.7/ORAL CAVITY
	Day 57	2020-07-27 11:21 (28)	112	67	67	16	36.8/ORAL CAVITY
US2021062	Screening	2020-05-27 14:44 (-8)	121	85	74	15	36.7/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2021062	Day 1/ PRE-DOSE	2020-06-04 10:00 (1)	118	91	58	15	36.6/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-04 12:16 (1)	135	92	63	15	35.7/ORAL CAVITY
	Day 8	2020-06-12 10:24 (9)	129	84	74	15	36.5/ORAL CAVITY
	Day 15	2020-06-19 10:30 (16)	124	84	76	16	36.6/ORAL CAVITY
	Unscheduled	2020-06-26 14:35 (23)	103	76	82	17	36.3/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-02 11:05 (29)	110	78	72	16	36.9/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-02 13:05 (1)	139	89	64	15	36.7/ORAL CAVITY
	Day 36	2020-07-10 10:11 (9)	111	88	79	15	36.2/ORAL CAVITY
	Day 43	2020-07-17 10:27 (16)	131	79	78	15	36.7/ORAL CAVITY
	Day 57	2020-07-27 09:52 (26)	134	80	76	15	36.4/ORAL CAVITY
US2021073	Screening	2020-05-28 08:35 (-5)	110	82	68	18	37.1/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-02 10:40 (1)	108	78	84	18	37.4/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-02 13:13 (1)	120	79	76	16	36.2/ORAL CAVITY
	Day 8	2020-06-09 08:20 (8)	104	80	76	14	37.1/ORAL CAVITY
	Day 15	2020-06-16 08:45 (15)	135	86	85	16	36.6/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-06-30 08:30 (29)	139	81	79	15	36.5/ORAL CAVITY
	Day 29/ POST-DOSE	2020-06-30 10:25 (1)	128	87	67	14	36.6/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2021073	Day 36	2020-07-08 11:15 (9)	129	82	75	14	36.7/ORAL CAVITY
	Day 43	2020-07-16 08:25 (17)	120	81	79	16	36.8/ORAL CAVITY
	Day 57	2020-07-31 09:26 (32)	144	87	86	16	36.6/ORAL CAVITY
US2021078	Screening	2020-05-28 09:55 (-6)	138	92	65	15	36.9/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-03 09:12 (1)	134	83	81	15	37/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-03 11:24 (1)	110	80	58	16	36.6/ORAL CAVITY
	Day 8	2020-06-11 08:26 (9)	124	84	65	14	36.8/ORAL CAVITY
	Day 15	2020-06-16 08:25 (14)	130	82	73	16	36.8/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-01 08:14 (29)	142	83	71	15	36.8/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-01 09:58 (1)	126	69	65	15	36.8/ORAL CAVITY
	Day 36	2020-07-09 08:32 (9)	138	82	61	14	36.8/ORAL CAVITY
	Day 43	2020-07-15 08:25 (15)	130	82	79	16	36.8/ORAL CAVITY
	Day 57	2020-07-30 08:35 (30)	110	82	72	16	37.1/ORAL CAVITY
US2021082	Screening	2020-05-28 10:40 (-6)	112	80	68	16	37.4/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-03 09:05 (1)	146	97	66	15	36.9/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-03 12:05 (1)	128	87	55	15	36.4/ORAL CAVITY
	Day 8	2020-06-15 10:10 (13)	114	90	56	16	36.7/ORAL CAVITY
	Day 15	2020-06-19 10:56 (17)	129	89	66	14	36.6/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2021082	Day 29/ PRE-DOSE	2020-07-07 09:30 (35)	129	90	67	14	36.7/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-07 12:04 (1)	129	80	54	14	36.7/ORAL CAVITY
	Day 36	2020-07-17 10:20 (11)	134	94	55	14	37.1/ORAL CAVITY
	Day 43	2020-07-22 14:06 (16)	116	70	56	16	37.1/ORAL CAVITY
	Day 57	2020-08-07 08:12 (32)	128	80	69	14	36.7/ORAL CAVITY
US2021089	Screening	2020-05-28 12:01 (-11)	114	73	61	14	36.8/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-08 13:40 (1)	114	74	73	15	36.9/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-08 15:42 (1)	114	77	58	14	36.7/ORAL CAVITY
	Day 8	2020-06-17 15:26 (10)	106	78	68	14	36.5/ORAL CAVITY
	Day 15	2020-06-24 15:30 (17)	106	77	60	16	36.6/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-08 13:05 (31)	110	70	68	16	36.8/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-08 14:47 (1)	109	71	68	15	36.8/ORAL CAVITY
	Day 36	2020-07-16 13:57 (9)	108	68	56	16	36.8/ORAL CAVITY
	Day 43	2020-07-24 12:10 (17)	120	77	74	14	36.8/ORAL CAVITY
	Day 57	2020-08-04 12:55 (28)	115	75	64	15	36.7/ORAL CAVITY
US2021094	Screening	2020-05-28 13:31 (-8)	122	84	72	15	37/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-05 14:23 (1)	120	87	90	15	36.8/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2021094	Day 1/ POST-DOSE	2020-06-05 16:28 (1)	120	85	82	15	36.7/ORAL CAVITY
	Day 8	2020-06-12 09:21 (8)	120	79	78	14	36.8/ORAL CAVITY
	Day 15	2020-06-18 08:15 (14)	104	78	64	16	36.4/ORAL CAVITY
	Unscheduled	2020-07-06 08:58 (32)	122	86	63	14	36.6/ORAL CAVITY
US2021096	Screening	2020-05-28 14:30 (-6)	122	64	77	16	36.9/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-03 13:07 (1)	111	66	76	15	37.3/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-03 15:18 (1)	90	64	68	15	37.3/ORAL CAVITY
	Day 8	2020-06-12 12:15 (10)	124	74	91	15	37.2/ORAL CAVITY
	Day 15	2020-06-18 08:50 (16)	110	78	72	14	36.9/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-02 12:53 (30)	107	60	74	15	36.6/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-02 14:56 (1)	115	60	65	15	36.8/ORAL CAVITY
	Day 36	2020-07-09 13:11 (8)	104	78	79	16	36.9/ORAL CAVITY
	Day 43	2020-07-15 13:25 (14)	90	57	66	16	36.9/ORAL CAVITY
	Day 57	2020-07-27 14:48 (26)	104	62	64	15	37.2/ORAL CAVITY
US2021107	Screening	2020-05-28 17:30 (-6)	114	70	58	14	37.1/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-03 07:50 (1)	112	79	56	15	36.4/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-03 10:05 (1)	131	70	58	14	36.6/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2021107	Day 8	2020-06-10 08:25 (8)	100	64	60	14	36.7/ORAL CAVITY
	Day 15	2020-06-15 08:41 (13)	107	64	63	14	36.6/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-02 08:25 (30)	104	66	56	14	36.5/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-02 10:26 (1)	137	86	58	15	36.7/ORAL CAVITY
	Day 36	2020-07-09 08:40 (8)	115	82	53	15	36.4/ORAL CAVITY
	Day 43	2020-07-17 08:23 (16)	109	68	55	18	36.5/ORAL CAVITY
	Day 57	2020-07-27 09:01 (26)	118	72	56	16	36.9/ORAL CAVITY
US2021111	Screening	2020-05-29 08:24 (-10)	128	81	85	14	37.2/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-08 08:09 (1)	107	70	72	15	37.1/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-08 10:25 (1)	121	88	61	15	36.6/ORAL CAVITY
	Day 8	2020-06-15 08:52 (8)	110	69	70	15	36.8/ORAL CAVITY
	Day 15	2020-06-22 08:31 (15)	121	87	76	15	36.7/ORAL CAVITY
	Unscheduled	2020-07-13 08:39 (36)	114	72	83	14	37.1/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-21 09:18 (44)	117	74	76	15	36.9/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-21 11:53 (1)	110	72	69	14	36.9/ORAL CAVITY
	Day 36	2020-07-30 08:30 (10)	118	76	66	15	37/ORAL CAVITY
	Day 43	2020-08-06 08:39 (17)	121	87	79	15	37.1/ORAL CAVITY
	Day 57	2020-08-17 09:48 (28)	127	83	85	15	36.7/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2021135	Screening	2020-06-01 15:01 (-4)	113	74	75	15	36.7/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-05 09:14 (1)	114	71	66	14	36.9/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-05 11:16 (1)	104	80	59	14	36.6/ORAL CAVITY
	Day 8	2020-06-12 09:28 (8)	120	77	85	15	36.9/ORAL CAVITY
	Day 15	2020-06-16 08:45 (12)	100	70	64	16	36.4/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-07 09:33 (33)	117	76	83	15	36.7/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-07 11:51 (1)	108	75	63	15	36.4/ORAL CAVITY
	Day 36	2020-07-14 08:34 (8)	111	69	66	15	37.2/ORAL CAVITY
	Day 43	2020-07-20 08:31 (14)	100	63	73	14	36.7/ORAL CAVITY
	Day 57	2020-08-03 08:17 (28)	104	76	70	15	36.8/ORAL CAVITY
US2021137	Screening	2020-06-01 16:07 (-7)	114	82	66	16	36.7/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-08 15:20 (1)	124	84	56	14	36.9/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-08 17:14 (1)	120	84	58	14	36.5/ORAL CAVITY
	Day 8	2020-06-15 15:10 (8)	110	84	68	16	36.9/ORAL CAVITY
	Day 15	2020-06-22 15:25 (15)	118	78	64	14	36.9/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-07 15:25 (30)	122	68	64	16	36.8/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-07 17:22 (1)	120	78	68	15	36.4/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2021137	Day 57	2020-08-18 15:45 (43)	125	85	60	15	36.9/ORAL CAVITY
US2021138	Screening	2020-06-01 16:30 (-3)	104	61	59	15	36.9/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-04 12:51 (1)	120	64	62	14	36.7/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-04 14:59 (1)	105	59	55	14	36.3/ORAL CAVITY
	Day 8	2020-06-11 15:50 (8)	104	72	58	14	37.1/ORAL CAVITY
	Day 15	2020-06-15 08:36 (12)	119	64	54	15	36.6/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-06 08:55 (33)	100	64	60	14	36.8/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-06 10:35 (1)	108	86	52	14	36.6/ORAL CAVITY
	Day 36	2020-07-16 08:35 (11)	114	64	60	15	36.7/ORAL CAVITY
	Day 43	2020-07-20 08:28 (15)	115	69	65	15	37/ORAL CAVITY
	Day 57	2020-08-10 08:40 (36)	114	73	58	14	36.6/ORAL CAVITY
US2021144	Screening	2020-06-02 16:05 (-3)	113	65	81	14	37.3/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-05 09:35 (1)	119	74	94	15	37.3/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-05 12:25 (1)	107	75	68	15	36.9/ORAL CAVITY
	Day 8	2020-06-15 14:44 (11)	130	80	98	15	37/ORAL CAVITY
	Day 15	2020-06-22 15:13 (18)	106	69	97	15	36.9/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-06 09:55 (32)	132	75	84	15	37.3/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2021144	Day 29/ POST-DOSE	2020-07-06 11:44 (1)	117	78	73	15	37.3/ORAL CAVITY
	Day 36	2020-07-14 12:50 (9)	130	78	84	15	37.4/ORAL CAVITY
	Day 43	2020-07-21 13:23 (16)	124	70	73	15	36.9/ORAL CAVITY
	Unscheduled	2020-07-31 08:01 (26)	122	85	88	16	37.2/ORAL CAVITY
US2021155	Screening	2020-06-03 10:30 (-5)	130	88	58	14	37.2/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-08 16:45 (1)	118	84	72	16	36.6/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-08 18:40 (1)	140	94	69	16	36.3/ORAL CAVITY
	Day 8	2020-06-17 10:36 (10)	132	87	76	15	36.7/ORAL CAVITY
	Day 15	2020-06-24 09:45 (17)	120	86	64	14	36.6/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-13 14:33 (36)	140	98	81	16	36.6/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-13 16:43 (1)	120	86	72	15	36.7/ORAL CAVITY
	Day 36	2020-07-20 15:42 (8)	124	76	56	16	36.9/ORAL CAVITY
	Day 43	2020-07-29 08:38 (17)	128	89	60	16	36.7/ORAL CAVITY
	Day 57	2020-08-12 08:06 (31)	128	86	72	15	36.9/ORAL CAVITY
US2021161	Screening	2020-06-03 12:17 (-5)	112	89	69	14	36.7/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-08 15:45 (1)	140	95	71	15	37.3/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-08 18:14 (1)	136	88	56	15	36.9/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2021161	Day 8	2020-06-15 08:57 (8)	127	87	74	15	36.7/ORAL CAVITY
	Day 15	2020-06-23 08:55 (16)	119	74	69	14	36.4/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-07 09:05 (30)	124	82	60	14	36.9/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-07 11:17 (1)	136	79	55	14	36.8/ORAL CAVITY
	Day 36	2020-07-16 10:27 (10)	122	84	75	16	37.1/ORAL CAVITY
	Day 43	2020-07-21 09:06 (15)	122	81	63	15	36.8/ORAL CAVITY
	Day 57	2020-08-04 08:55 (29)	139	86	72	14	37.1/ORAL CAVITY
US2021162	Screening	2020-06-03 12:50 (-5)	105	83	70	15	36.9/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-08 11:33 (1)	120	78	60	14	36.8/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-08 13:42 (1)	117	78	61	14	36.4/ORAL CAVITY
	Day 36	2020-07-20 16:30 (43)	100	64	64	16	37.2/ORAL CAVITY
	Day 43	2020-07-24 11:29 (47)	116	73	72	15	37.1/ORAL CAVITY
	Day 57	2020-08-10 14:06 (64)	110	71	72	16	37.5/ORAL CAVITY
US2021175	Screening	2020-06-04 15:56 (-4)	105	61	57	15	36.8/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-08 12:46 (1)	114	73	52	15	36.7/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-08 15:38 (1)	107	67	48	15	36.3/ORAL CAVITY
	Day 8	2020-06-16 10:15 (9)	120	71	46	14	36.4/ORAL CAVITY
	Day 15	2020-06-23 14:18 (16)	100	66	56	16	37.1/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2021175	Day 29/ PRE-DOSE	2020-07-08 11:20 (31)	92	65	64	14	36.8/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-08 13:23 (1)	109	70	52	15	36.6/ORAL CAVITY
	Day 36	2020-07-16 08:38 (9)	99	62	49	16	36.6/ORAL CAVITY
	Day 43	2020-07-24 12:08 (17)	99	73	68	16	36.7/ORAL CAVITY
	Day 57	2020-08-03 11:24 (27)	105	62	51	14	37.2/ORAL CAVITY
US2031001	Screening	2020-05-26 07:55 (-3)	122	81	83	18	36.6/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-05-29 14:09 (1)	121	73	62	15	36.9/ORAL CAVITY
	Day 1/ POST-DOSE	2020-05-29 15:55 (1)	117	75	68	16	36.9/ORAL CAVITY
	Day 8	2020-06-05 08:58 (8)	121	78	62	16	36.8/ORAL CAVITY
	Day 15	2020-06-12 08:35 (15)	113	88	91	17	36.8/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-06-30 15:15 (33)	112	76	76	16	36.7/ORAL CAVITY
	Day 29/ POST-DOSE	2020-06-30 17:02 (1)	121	78	68	16	36.8/ORAL CAVITY
	Day 36	2020-07-07 07:57 (8)	104	88	85	15	36.8/ORAL CAVITY
	Day 43	2020-07-15 07:35 (16)	118	78	71	16	36.6/ORAL CAVITY
	Day 57	2020-07-29 08:05 (30)	107	74	73	16	36.9/ORAL CAVITY
US2031009	Screening	2020-05-26 10:15 (-6)	117	73	67	17	37.1/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-01 09:04 (1)	116	64	80	15	36.8/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2031009	Day 1/ POST-DOSE	2020-06-01 11:04 (1)	121	78	62	15	36.6/ORAL CAVITY
	Day 8	2020-06-10 11:16 (10)	115	70	67	15	36.6/ORAL CAVITY
	Day 15	2020-06-16 13:50 (16)	102	64	61	18	36.6/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-01 11:22 (31)	103	67	65	15	36.6/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-01 13:13 (1)	110	68	51	15	36.4/ORAL CAVITY
	Day 36	2020-07-08 09:05 (8)	106	68	66	14	37/ORAL CAVITY
	Day 43	2020-07-13 09:37 (13)	103	67	74	14	36.7/ORAL CAVITY
	Day 57	2020-07-27 10:20 (27)	104	68	67	15	36.4/ORAL CAVITY
US2031014	Screening	2020-05-26 11:05 (-3)	89	74	74	17	36.9/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-05-29 12:30 (1)	88	72	63	16	36.8/ORAL CAVITY
	Day 1/ POST-DOSE	2020-05-29 14:18 (1)	88	63	65	17	37.3/ORAL CAVITY
	Day 8	2020-06-05 09:54 (8)	103	77	59	16	36.6/ORAL CAVITY
	Day 15	2020-06-12 09:52 (15)	86	70	59	16	37.2/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-06-29 12:55 (32)	92	62	63	17	36.7/ORAL CAVITY
	Day 29/ POST-DOSE	2020-06-29 14:54 (1)	89	69	57	18	36.6/ORAL CAVITY
	Day 36	2020-07-06 14:44 (8)	89	66	53	16	36.8/ORAL CAVITY
	Day 43	2020-07-13 14:05 (15)	95	72	56	14	37.1/ORAL CAVITY
	Day 57	2020-07-27 15:07 (29)	98	72	63	16	36.9/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2031022	Screening	2020-05-26 14:57 (-3)	135	76	51	17	36.7/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-05-29 11:41 (1)	114	68	52	18	36.5/ORAL CAVITY
	Day 1/ POST-DOSE	2020-05-29 13:26 (1)	118	76	71	16	37/ORAL CAVITY
	Day 8	2020-06-05 12:54 (8)	117	70	48	15	36.7/ORAL CAVITY
	Day 15	2020-06-12 13:00 (15)	125	67	57	15	36.6/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-06-29 12:59 (32)	118	74	60	18	36.6/ORAL CAVITY
	Day 29/ POST-DOSE	2020-06-29 15:08 (1)	116	67	51	16	36.5/ORAL CAVITY
	Day 36	2020-07-06 14:08 (8)	122	81	55	16	36.7/ORAL CAVITY
	Day 43	2020-07-13 12:40 (15)	122	75	61	16	36.6/ORAL CAVITY
	Day 57	2020-07-27 14:10 (29)	127	74	74	16	36.8/ORAL CAVITY
US2031023	Screening	2020-05-26 15:17 (-3)	110	82	83	16	36.9/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-05-29 10:18 (1)	112	86	77	16	37/ORAL CAVITY
	Day 1/ POST-DOSE	2020-05-29 12:16 (1)	106	84	65	15	36.8/ORAL CAVITY
	Day 8	2020-06-05 10:15 (8)	118	76	53	15	36.6/ORAL CAVITY
	Day 15	2020-06-12 13:43 (15)	113	81	73	16	36.7/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-02 11:15 (35)	111	77	78	14	36.6/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-02 13:00 (1)	123	82	77	14	36.8/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2031023	Day 36	2020-07-09 10:13 (8)	114	83	91	16	36.7/ORAL CAVITY
	Day 43	2020-07-16 10:20 (15)	121	84	82	14	36.8/ORAL CAVITY
	Day 57	2020-07-27 14:15 (26)	112	88	88	16	36.6/ORAL CAVITY
US2031029	Screening	2020-05-27 08:10 (-6)	104	79	68	16	36.9/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-02 07:46 (1)	97	75	68	15	36.6/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-02 10:15 (1)	102	72	61	15	36.6/ORAL CAVITY
	Day 8	2020-06-09 07:36 (8)	86	68	63	16	36.7/ORAL CAVITY
	Day 15	2020-06-16 07:38 (15)	86	70	76	16	36.9/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-07 08:07 (36)	92	80	63	16	37/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-07 09:49 (1)	91	73	64	16	36.8/ORAL CAVITY
	Day 36	2020-07-14 07:37 (8)	90	66	62	15	36.9/ORAL CAVITY
	Day 43	2020-07-21 07:38 (15)	93	72	65	16	36.8/ORAL CAVITY
	Day 57	2020-08-04 08:17 (29)	95	77	69	15	36.9/ORAL CAVITY
US2031038	Screening	2020-05-27 10:59 (-7)	136	73	57	16	36.5/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-03 08:44 (1)	135	69	42	14	36.4/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-03 11:06 (1)	134	78	46	14	36.4/ORAL CAVITY
	Day 8	2020-06-11 08:04 (9)	134	73	39	18	36.5/ORAL CAVITY
	Day 15	2020-06-17 07:35 (15)	131	78	32	16	36.5/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2031038	Day 29/ PRE-DOSE	2020-07-02 12:04 (30)	131	65	37	15	36.8/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-02 14:08 (1)	113	68	32	14	36.7/ORAL CAVITY
	Day 36	2020-07-09 13:07 (8)	122	66	46	14	37.2/ORAL CAVITY
	Day 43	2020-07-17 08:09 (16)	116	70	36	14	36.6/ORAL CAVITY
	Day 57	2020-07-30 08:55 (29)	124	65	59	15	36.4/ORAL CAVITY
US2031040	Screening	2020-05-27 11:02 (-5)	104	60	43	16	37/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-01 12:25 (1)	114	71	55	15	36.8/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-01 14:10 (1)	122	72	53	16	36.7/ORAL CAVITY
	Day 8	2020-06-08 07:37 (8)	110	63	35	15	36.5/ORAL CAVITY
	Day 15	2020-06-15 07:36 (15)	113	65	49	15	36.7/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-06-30 07:40 (30)	125	64	57	16	36.6/ORAL CAVITY
	Day 29/ POST-DOSE	2020-06-30 09:38 (1)	120	70	42	16	36.4/ORAL CAVITY
	Day 36	2020-07-07 08:15 (8)	114	62	42	14	36.4/ORAL CAVITY
	Day 43	2020-07-15 07:40 (16)	117	67	41	14	36.5/ORAL CAVITY
	Day 57	2020-07-28 07:40 (29)	126	64	44	15	36.5/ORAL CAVITY
US2031041	Screening	2020-05-27 11:20 (-6)	117	80	63	16	36.5/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-02 08:55 (1)	119	80	68	16	36.7/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2031041	Day 1/ POST-DOSE	2020-06-02 10:57 (1)	122	73	61	15	36.7/ORAL CAVITY
	Day 8	2020-06-10 10:36 (9)	131	85	79	16	36.6/ORAL CAVITY
	Day 15	2020-06-17 14:05 (16)	114	79	79	16	36.9/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-01 08:18 (30)	117	87	83	14	36.6/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-01 11:41 (1)	97	77	62	14	36.5/ORAL CAVITY
	Day 36	2020-07-08 08:13 (8)	119	86	74	14	36.8/ORAL CAVITY
	Day 43	2020-07-15 08:55 (15)	108	74	73	16	36.8/ORAL CAVITY
	Day 57	2020-07-30 08:25 (30)	122	83	69	16	36.8/ORAL CAVITY
US2031043	Screening	2020-05-27 14:57 (-8)	134	73	68	16	36.6/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-04 16:29 (1)	130	80	66	16	36.8/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-04 18:43 (1)	121	73	61	16	36.7/ORAL CAVITY
	Day 8	2020-06-12 13:00 (9)	130	78	64	15	36.9/ORAL CAVITY
	Day 15	2020-06-19 13:43 (16)	125	79	74	16	36.7/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-02 13:41 (29)	125	80	73	15	36.9/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-02 16:05 (1)	136	80	70	16	36.9/ORAL CAVITY
	Day 36	2020-07-09 16:06 (8)	140	80	72	16	36.9/ORAL CAVITY
	Day 43	2020-07-17 13:40 (16)	137	84	70	17	36.9/ORAL CAVITY
	Day 57	2020-07-30 15:10 (29)	136	76	68	15	36.8/ORAL CAVITY

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Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2031045	Screening	2020-05-27 15:06 (-6)	131	71	68	16	36.7/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-02 09:21 (1)	116	69	67	15	36.5/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-02 11:13 (1)	120	73	60	16	36.4/ORAL CAVITY
	Day 8	2020-06-09 09:44 (8)	110	73	71	16	36.7/ORAL CAVITY
	Day 15	2020-06-16 09:10 (15)	120	81	59	16	36.5/ORAL CAVITY
US2031048	Screening	2020-05-28 07:45 (-4)	126	76	42	17	36.7/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-01 16:05 (1)	128	72	49	16	36.8/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-01 18:03 (1)	128	81	42	17	36.8/ORAL CAVITY
	Day 8	2020-06-08 07:31 (8)	123	69	50	16	36.8/ORAL CAVITY
	Day 15	2020-06-15 07:35 (15)	120	66	46	17	36.6/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-06-30 07:44 (30)	116	65	44	14	36.6/ORAL CAVITY
	Day 29/ POST-DOSE	2020-06-30 09:45 (1)	125	70	42	14	36.7/ORAL CAVITY
	Day 36	2020-07-07 07:58 (8)	121	62	46	16	36.4/ORAL CAVITY
	Day 43	2020-07-17 08:08 (18)	126	69	52	14	36.6/ORAL CAVITY
	Day 57	2020-07-30 10:05 (31)	117	59	41	16	36.4/ORAL CAVITY
US2031049	Screening	2020-05-28 07:58 (-4)	118	62	78	14	36.6/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-01 15:17 (1)	132	88	82	15	36.8/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2031049	Day 1/ POST-DOSE	2020-06-01 17:30 (1)	121	89	72	15	36.8/ORAL CAVITY
	Day 8	2020-06-10 08:04 (10)	110	75	74	19	36.7/ORAL CAVITY
	Day 15	2020-06-16 15:05 (16)	126	83	76	15	36.6/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-01 15:00 (31)	121	84	73	14	36.8/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-01 16:42 (1)	127	84	78	16	36.8/ORAL CAVITY
	Day 36	2020-07-08 16:00 (8)	123	80	74	16	36.8/ORAL CAVITY
	Day 43	2020-07-14 16:07 (14)	122	87	72	16	36.6/ORAL CAVITY
	Day 57	2020-07-28 14:35 (28)	123	78	75	15	36.8/ORAL CAVITY
US2031058	Screening	2020-05-28 16:23 (-4)	113	85	78	16	36.8/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-01 15:26 (1)	113	81	80	15	36.9/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-01 17:49 (1)	136	78	69	15	36.6/ORAL CAVITY
	Day 8	2020-06-09 15:43 (9)	111	88	78	16	36.6/ORAL CAVITY
	Day 15	2020-06-16 15:17 (16)	117	78	71	16	36.8/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-01 15:20 (31)	116	88	73	16	36.8/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-01 17:18 (1)	119	89	76	15	36.9/ORAL CAVITY
	Day 36	2020-07-09 09:20 (9)	106	78	82	16	36.7/ORAL CAVITY
	Day 43	2020-07-15 15:13 (15)	121	77	75	16	37.1/ORAL CAVITY
	Day 57	2020-07-31 15:18 (31)	105	83	78	16	36.9/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2031071	Screening	2020-05-29 11:32 (-6)	124	77	79	14	36.8/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-04 16:25 (1)	119	76	77	16	37/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-04 18:38 (1)	114	68	62	15	36.8/ORAL CAVITY
	Day 8	2020-06-12 09:45 (9)	117	75	90	15	36.6/ORAL CAVITY
	Day 15	2020-06-19 14:12 (16)	115	74	78	17	36.7/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-02 07:12 (29)	121	87	67	14	36.9/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-02 09:02 (1)	108	85	63	16	36.9/ORAL CAVITY
	Day 36	2020-07-10 13:15 (9)	126	84	81	16	37/ORAL CAVITY
	Day 43	2020-07-17 11:17 (16)	117	80	77	16	36.5/ORAL CAVITY
	Day 57	2020-07-31 08:59 (30)	111	75	69	16	37/ORAL CAVITY
US2031074	Screening	2020-05-29 13:47 (-4)	133	84	65	17	36.8/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-02 16:19 (1)	119	76	67	17	36.9/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-02 18:03 (1)	117	77	61	17	36.3/ORAL CAVITY
	Day 8	2020-06-09 15:17 (8)	114	75	63	15	36.9/ORAL CAVITY
	Day 15	2020-06-15 15:05 (14)	120	76	63	16	36.7/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-06-30 14:20 (29)	121	71	64	17	36.9/ORAL CAVITY
	Day 29/ POST-DOSE	2020-06-30 16:29 (1)	106	74	59	15	36.8/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2031074	Day 36	2020-07-07 16:25 (8)	129	83	57	15	36.7/ORAL CAVITY
	Day 43	2020-07-14 16:10 (15)	120	80	62	14	36.6/ORAL CAVITY
	Day 57	2020-07-28 17:15 (29)	111	70	58	15	36.7/ORAL CAVITY
US2031081	Screening	2020-06-02 13:01 (-2)	126	74	64	15	36.9/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-04 11:15 (1)	120	85	66	16	36.7/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-04 13:05 (1)	112	73	66	15	36.9/ORAL CAVITY
	Day 8	2020-06-11 10:12 (8)	122	77	67	15	37/ORAL CAVITY
	Day 15	2020-06-18 09:41 (15)	116	78	62	14	36.9/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-02 09:08 (29)	111	75	66	16	36.6/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-02 10:50 (1)	116	77	66	16	36.5/ORAL CAVITY
	Day 36	2020-07-09 09:40 (8)	119	69	60	15	37.1/ORAL CAVITY
	Day 43	2020-07-14 13:05 (13)	114	81	70	14	36.6/ORAL CAVITY
	Day 57	2020-08-03 09:59 (33)	110	84	64	15	36.7/ORAL CAVITY
US2041005	Screening	2020-05-26 09:10 (-3)	118	78	71	12	37.2/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-05-29 12:28 (1)	112	72	79	14	37.1/ORAL CAVITY
	Day 1/ POST-DOSE	2020-05-29 14:44 (1)	112	68	60	14	37.1/ORAL CAVITY
	Day 8	2020-06-05 10:30 (8)	115	61	78	12	36.4/ORAL CAVITY
	Day 15	2020-06-12 10:28 (15)	111	68	79	14	36.6/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2041005	Day 29/ PRE-DOSE	2020-06-26 10:40 (29)	109	64	78	14	37/ORAL CAVITY
	Day 29/ POST-DOSE	2020-06-26 13:05 (1)	119	79	73	12	37.3/ORAL CAVITY
	Day 36	2020-07-06 15:23 (11)	105	60	68	12	36.9/ORAL CAVITY
	Day 43	2020-07-10 10:46 (15)	99	58	73	14	36.4/ORAL CAVITY
	Day 57	2020-07-28 13:41 (33)	102	58	78	12	36.9/ORAL CAVITY
US2041011	Screening	2020-05-26 10:41 (-6)	118	77	67	15	36.8/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-01 12:14 (1)	117	73	79	14	36.7/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-01 14:24 (1)	120	83	68	14	36.9/ORAL CAVITY
	Day 8	2020-06-15 08:15 (15)	121	81	71	12	36.6/ORAL CAVITY
	Day 15	2020-06-18 08:33 (18)	106	77	71	12	36.6/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-01 08:12 (31)	118	74	78	12	37.1/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-01 09:53 (1)	116	81	62	12	36.9/ORAL CAVITY
	Day 36	2020-07-08 08:10 (8)	107	76	74	16	36.9/ORAL CAVITY
	Day 43	2020-07-15 08:38 (15)	121	80	70	14	36.9/ORAL CAVITY
	Day 57	2020-08-17 07:25 (48)	113	81	73	12	36.7/ORAL CAVITY
US2041014	Screening	2020-05-26 13:27 (-3)	124	65	55	12	36.9/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-05-29 14:35 (1)	118	68	80	14	36.7/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2041014	Day 1/ POST-DOSE	2020-05-29 16:37 (1)	130	74	80	16	36.6/ORAL CAVITY
	Day 8	2020-06-05 08:15 (8)	130	71	50	12	36.6/ORAL CAVITY
	Day 15	2020-06-12 08:10 (15)	136	75	51	12	36.7/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-06-26 08:49 (29)	130	73	55	12	36.5/ORAL CAVITY
	Day 29/ POST-DOSE	2020-06-26 10:53 (1)	126	78	60	12	36.5/ORAL CAVITY
	Day 36	2020-07-08 08:03 (13)	135	73	57	16	36.9/ORAL CAVITY
	Day 43	2020-07-13 09:55 (18)	135	72	47	14	36.7/ORAL CAVITY
	Day 57	2020-07-21 08:04 (26)	131	76	49	14	37/ORAL CAVITY
US2041019	Screening	2020-05-26 14:36 (-7)	133	93	66	15	36.9/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-02 14:09 (1)	122	66	65	15	37.3/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-02 15:48 (1)	118	88	60	15	36.7/ORAL CAVITY
	Day 8	2020-06-09 15:03 (8)	122	69	71	12	36.5/ORAL CAVITY
	Day 15	2020-06-16 14:58 (15)	125	74	67	12	36.6/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-06-30 13:06 (29)	127	74	60	12	36.4/ORAL CAVITY
	Day 29/ POST-DOSE	2020-06-30 14:45 (1)	115	83	66	12	36.9/ORAL CAVITY
	Day 36	2020-07-07 13:27 (8)	136	75	70	12	37.1/ORAL CAVITY
	Day 43	2020-07-14 12:58 (15)	124	69	79	14	36.7/ORAL CAVITY
	Day 57	2020-08-12 15:19 (44)	109	67	67	12	36.8/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2041020	Screening	2020-05-26 14:08 (-8)	147	98	67	15	37.2/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-03 15:15 (1)	137	82	70	12	36.9/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-03 16:55 (1)	132	80	60	12	36.8/ORAL CAVITY
	Day 8	2020-06-10 15:58 (8)	128	81	61	14	36.8/ORAL CAVITY
	Day 15	2020-06-17 15:22 (15)	130	81	63	14	36.9/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-01 15:45 (29)	138	76	57	14	36.6/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-01 17:12 (1)	138	79	59	14	37/ORAL CAVITY
	Day 36	2020-07-08 15:25 (8)	129	79	61	16	36.9/ORAL CAVITY
	Day 43	2020-07-15 15:33 (15)	139	84	60	14	37.1/ORAL CAVITY
	Day 57	2020-08-05 15:59 (36)	129	79	62	14	36.7/ORAL CAVITY
US2041022	Screening	2020-05-27 07:28 (-9)	107	73	51	14	37/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-05 12:02 (1)	123	77	45	12	36.8/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-05 13:55 (1)	128	71	50	12	36.4/ORAL CAVITY
	Day 8	2020-06-15 08:26 (11)	115	78	50	12	36.6/ORAL CAVITY
	Day 15	2020-06-22 08:10 (18)	112	75	49	12	37/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-06 11:45 (32)	119	72	55	14	36.6/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-06 13:45 (1)	116	71	51	14	36.9/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2041022	Day 36	2020-07-14 08:05 (9)	110	61	48	12	37.2/ORAL CAVITY
	Day 43	2020-07-21 08:15 (16)	114	65	50	14	36.9/ORAL CAVITY
	Day 57	2020-08-04 07:54 (30)	101	69	55	14	37.2/ORAL CAVITY
US2041025	Screening	2020-05-27 08:20 (-6)	115	64	56	14	36.9/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-02 07:05 (1)	101	62	70	15	36.9/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-02 09:19 (1)	119	71	59	12	36.1/ORAL CAVITY
	Day 8	2020-06-09 07:08 (8)	92	60	65	12	37.5/ORAL CAVITY
	Day 15	2020-06-16 07:19 (15)	112	68	55	14	36.7/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-06-30 07:05 (29)	109	70	57	12	36.7/ORAL CAVITY
	Day 29/ POST-DOSE	2020-06-30 09:24 (1)	118	78	62	12	36.6/ORAL CAVITY
	Day 36	2020-07-07 07:50 (8)	109	60	62	12	36.7/ORAL CAVITY
	Day 43	2020-07-14 07:08 (15)	102	62	68	16	36.9/ORAL CAVITY
	Day 57	2020-07-28 07:13 (29)	91	59	60	14	36.9/ORAL CAVITY
US2041029	Screening	2020-05-27 10:46 (-5)	123	82	68	15	36.9/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-01 10:49 (1)	142	91	66	15	37.1/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-01 12:38 (1)	141	84	67	14	36.8/ORAL CAVITY
	Day 8	2020-06-08 11:00 (8)	134	82	68	14	36.7/ORAL CAVITY
	Day 15	2020-06-15 11:30 (15)	125	79	63	14	36.7/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2041029	Day 29/ PRE-DOSE	2020-06-29 10:24 (29)	129	80	55	14	36.7/ORAL CAVITY
	Day 29/ POST-DOSE	2020-06-29 12:35 (1)	128	83	59	14	36.6/ORAL CAVITY
	Day 36	2020-07-07 10:06 (9)	111	69	57	12	36.9/ORAL CAVITY
	Day 43	2020-07-13 10:10 (15)	107	75	60	14	36.7/ORAL CAVITY
	Day 57	2020-07-27 10:20 (29)	120	79	66	16	36.8/ORAL CAVITY
US2041034	Screening	2020-05-27 13:20 (-5)	125	81	56	14	36.9/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-01 13:40 (1)	125	82	55	15	36.8/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-01 15:32 (1)	127	80	78	16	36.9/ORAL CAVITY
	Day 8	2020-06-16 16:08 (16)	115	81	56	12	36.6/ORAL CAVITY
	Day 15	2020-06-18 11:38 (18)	131	83	60	12	36.5/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-02 15:05 (32)	125	88	58	14	36.4/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-02 16:42 (1)	130	84	60	14	36.5/ORAL CAVITY
	Day 36	2020-07-13 11:03 (12)	114	83	56	16	36.8/ORAL CAVITY
	Day 43	2020-07-17 13:08 (16)	139	73	47	14	36.4/ORAL CAVITY
	Day 57	2020-08-05 13:15 (35)	118	78	64	14	36.8/ORAL CAVITY
US2041042	Screening	2020-05-27 15:57 (-5)	113	83	57	14	37/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-01 15:53 (1)	122	80	60	12	36.9/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2041042	Day 1/ POST-DOSE	2020-06-01 17:51 (1)	118	72	80	14	36.9/ORAL CAVITY
	Day 8	2020-06-11 15:43 (11)	107	76	56	12	36.9/ORAL CAVITY
	Day 15	2020-06-18 15:52 (18)	130	89	62	12	37.1/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-06 16:15 (36)	131	78	78	18	36.7/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-06 18:01 (1)	139	90	65	14	36.8/ORAL CAVITY
	Day 36	2020-07-13 16:50 (8)	112	75	70	16	36.7/ORAL CAVITY
	Day 43	2020-07-17 14:45 (12)	121	78	68	14	36.6/ORAL CAVITY
	Day 57	2020-08-03 16:57 (29)	125	76	82	14	36.9/ORAL CAVITY
US2041043	Screening	2020-05-28 07:20 (-6)	141	89	74	14	37.1/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-03 16:30 (1)	134	78	82	14	36.7/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-03 18:08 (1)	138	75	70	14	36.6/ORAL CAVITY
	Day 8	2020-06-10 17:01 (8)	135	72	80	16	36.8/ORAL CAVITY
US2041056	Screening	2020-05-28 13:09 (-5)	124	70	89	15	36.7/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-02 12:55 (1)	142	85	82	14	36.9/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-02 14:49 (1)	138	79	70	14	37/ORAL CAVITY
	Day 8	2020-06-09 07:55 (8)	147	79	72	12	36.5/ORAL CAVITY
	Day 15	2020-06-16 08:03 (15)	140	74	55	14	36.5/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2041056	Day 29/ PRE-DOSE	2020-06-30 09:08 (29)	142	80	69	12	36.5/ORAL CAVITY
	Day 29/ POST-DOSE	2020-06-30 11:12 (1)	138	78	65	12	36.6/ORAL CAVITY
	Day 36	2020-07-07 10:12 (8)	134	82	88	12	37.1/ORAL CAVITY
	Day 43	2020-07-14 10:01 (15)	120	74	72	12	36.6/ORAL CAVITY
	Day 57	2020-07-30 09:17 (31)	111	65	78	12	36.6/ORAL CAVITY
US2041059	Screening	2020-05-28 14:17 (-5)	122	88	71	14	36.7/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-02 15:05 (1)	134	94	77	14	36.9/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-02 16:52 (1)	110	68	68	14	36.4/ORAL CAVITY
	Day 8	2020-06-11 16:05 (10)	131	88	72	12	36.8/ORAL CAVITY
	Day 15	2020-06-15 08:05 (14)	139	88	75	14	36.7/ORAL CAVITY
US2041062	Screening	2020-05-28 15:26 (-5)	110	82	71	14	37.1/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-02 11:05 (1)	130	80	82	14	36.8/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-02 12:46 (1)	119	75	72	12	36.6/ORAL CAVITY
	Day 8	2020-06-09 08:33 (8)	110	81	72	10	36.8/ORAL CAVITY
	Day 15	2020-06-16 08:35 (15)	113	78	94	12	36.8/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-06-30 10:06 (29)	112	74	80	14	36.9/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2041062	Day 29/ POST-DOSE	2020-06-30 11:57 (1)	109	78	65	14	36.9/ORAL CAVITY
	Day 36	2020-07-07 08:56 (8)	112	70	75	16	36.9/ORAL CAVITY
	Day 43	2020-07-14 08:11 (15)	124	85	74	12	36.8/ORAL CAVITY
	Day 57	2020-07-28 09:29 (29)	113	80	76	14	36.8/ORAL CAVITY
US2041078	Screening	2020-05-29 10:57 (-5)	120	72	66	12	36.9/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-03 13:37 (1)	111	78	80	12	36.8/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-03 15:35 (1)	108	74	63	12	36.6/ORAL CAVITY
	Day 8	2020-06-10 13:57 (8)	102	72	71	12	36.9/ORAL CAVITY
	Day 15	2020-06-17 14:15 (15)	116	73	67	14	36.7/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-01 10:00 (29)	119	72	79	14	36.9/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-01 11:40 (1)	112	67	85	14	37.1/ORAL CAVITY
	Day 36	2020-07-10 13:50 (10)	124	73	56	16	36.8/ORAL CAVITY
	Day 43	2020-07-14 13:04 (14)	125	87	84	16	36.8/ORAL CAVITY
	Day 57	2020-07-31 15:18 (31)	110	75	84	14	37/ORAL CAVITY
US2041086	Screening	2020-06-05 08:11 (-3)	110	66	67	15	36.7/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-08 09:21 (1)	115	77	66	14	36.9/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-08 11:11 (1)	106	75	64	12	36.9/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2041086	Day 8	2020-06-15 09:11 (8)	117	85	63	12	36.4/ORAL CAVITY
	Day 15	2020-06-22 09:20 (15)	108	80	65	12	36.5/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-06 09:17 (29)	118	77	55	14	36.7/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-06 11:00 (1)	119	85	59	12	36.6/ORAL CAVITY
	Day 36	2020-07-13 09:09 (8)	112	78	63	16	36.7/ORAL CAVITY
	Day 43	2020-07-21 09:20 (16)	124	80	71	12	37.1/ORAL CAVITY
	Day 57	2020-08-07 09:45 (33)	123	78	75	12	37.1/ORAL CAVITY
US2041089	Screening	2020-06-05 09:51 (-3)	133	80	78	12	36.6/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-08 09:07 (1)	131	70	76	14	36.9/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-08 11:02 (1)	136	70	63	12	37/ORAL CAVITY
	Day 8	2020-06-15 12:53 (8)	123	82	70	12	36.7/ORAL CAVITY
	Day 15	2020-06-22 12:51 (15)	126	77	87	12	36.6/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-10 09:14 (33)	128	75	75	16	36.6/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-10 10:57 (1)	122	72	72	12	36.5/ORAL CAVITY
	Day 36	2020-07-20 13:00 (11)	125	70	70	14	36.6/ORAL CAVITY
	Day 43	2020-07-24 13:25 (15)	132	75	80	12	36.7/ORAL CAVITY
	Day 57	2020-08-07 13:05 (29)	128	65	66	12	36.6/ORAL CAVITY
US2041090	Screening	2020-06-05 09:42 (-3)	143	64	77	14	37.3/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2041090	Day 1/ PRE-DOSE	2020-06-08 14:11 (1)	122	84	85	14	36.8/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-08 16:40 (1)	134	73	62	12	37.2/ORAL CAVITY
	Day 8	2020-06-17 14:05 (10)	124	72	80	12	37.3/ORAL CAVITY
	Day 15	2020-06-24 14:17 (17)	149	66	79	12	36.7/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-10 13:16 (33)	131	72	80	12	36.9/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-10 15:30 (1)	107	65	65	12	36.8/ORAL CAVITY
	Day 43	2020-07-27 14:36 (18)	118	70	76	14	37.1/ORAL CAVITY
	Day 57	2020-08-10 14:54 (32)	136	73	70	14	37.3/ORAL CAVITY
US2051022	Screening	2020-05-28 08:23 (-6)	106	69	80	12	36.4/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-03 08:12 (1)	104	58	82	15	36.7/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-03 10:21 (1)	97	64	71	15	37.1/ORAL CAVITY
	Day 8	2020-06-10 08:16 (8)	108	73	95	14	36.6/ORAL CAVITY
	Day 15	2020-06-18 08:10 (16)	111	62	88	15	36.4/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-07 08:42 (35)	103	65	65	14	36.7/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-07 11:04 (1)	106	71	68	15	36.5/ORAL CAVITY
	Day 36	2020-07-14 08:14 (8)	115	73	81	16	36.4/ORAL CAVITY
	Day 43	2020-07-21 08:18 (15)	101	65	77	12	37.6/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2051022	Day 57	2020-07-29 08:22 (23)	102	76	93	16	36.5/ORAL CAVITY
US2051035	Screening	2020-05-28 14:58 (-7)	109	71	45	16	36.6/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-04 08:51 (1)	95	57	56	12	36.5/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-04 11:02 (1)	118	71	43	14	36.6/ORAL CAVITY
	Day 8	2020-06-12 12:14 (9)	98	70	51	14	35.9/ORAL CAVITY
	Day 15	2020-06-17 12:10 (14)	106	72	54	12	36.9/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-08 13:14 (35)	103	70	54	16	36.4/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-08 15:10 (1)	100	77	56	12	36.5/ORAL CAVITY
	Day 36	2020-07-15 10:10 (8)	111	77	57	12	35.9/ORAL CAVITY
	Day 43	2020-07-17 10:10 (10)	105	66	56	12	36.7/ORAL CAVITY
	Day 57	2020-07-30 11:06 (23)	115	74	47	12	36.9/ORAL CAVITY
US2051036	Screening	2020-05-28 15:20 (-5)	121	85	73	15	37.1/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-02 14:37 (1)	108	72	70	15	36.8/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-02 16:18 (1)	101	75	71	15	36.5/ORAL CAVITY
	Day 8	2020-06-11 11:50 (10)	133	94	71	14	36.5/ORAL CAVITY
	Day 15	2020-06-19 13:27 (18)	139	86	78	15	36.5/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-02 13:20 (31)	117	84	84	15	36.9/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2051036	Day 29/ POST-DOSE	2020-07-02 15:37 (1)	136	96	96	15	36.8/ORAL CAVITY
	Day 36	2020-07-10 13:25 (9)	114	72	82	15	37.1/ORAL CAVITY
	Day 43	2020-07-17 13:35 (16)	124	80	92	14	37/ORAL CAVITY
	Day 57	2020-07-31 13:29 (30)	125	88	84	14	36.9/ORAL CAVITY
US2051044	Screening	2020-06-03 12:13 (-2)	118	69	62	14	36.7/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-05 13:07 (1)	99	68	65	16	36.5/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-05 15:03 (1)	108	68	62	16	36.8/ORAL CAVITY
	Day 8	2020-06-12 10:15 (8)	123	86	61	16	37/ORAL CAVITY
	Day 15	2020-06-19 10:40 (15)	107	70	60	16	35.9/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-06 10:45 (32)	113	76	55	14	36.6/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-06 12:36 (1)	106	75	64	14	36.6/ORAL CAVITY
	Day 36	2020-07-15 11:07 (10)	111	72	59	12	36.2/ORAL CAVITY
	Day 43	2020-07-16 13:59 (11)	108	65	76	14	36.8/ORAL CAVITY
	Day 57	2020-07-28 11:12 (23)	107	79	56	15	36.6/ORAL CAVITY
US2061003	Screening	2020-05-28 10:13 (-7)	107	76	76	16	36.8/ORAL CAVITY
	Unscheduled	2020-06-02 13:29 (-2)	109	64	61	16	36.8/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-04 13:24 (1)	105	53	67	16	37/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2061003	Day 1/ POST-DOSE	2020-06-04 15:40 (1)	119	75	62	14	36.5/ORAL CAVITY
	Day 8	2020-06-11 16:14 (8)	107	59	58	16	36.5/ORAL CAVITY
	Day 15	2020-06-18 09:17 (15)	107	55	65	14	36/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-06 09:17 (33)	104	62	59	16	36.6/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-06 11:43 (1)	119	73	57	14	36.7/ORAL CAVITY
	Day 36	2020-07-13 08:24 (8)	104	54	61	16	36.3/ORAL CAVITY
	Day 43	2020-07-20 08:48 (15)	105	62	70	16	36.6/ORAL CAVITY
	Day 57	2020-08-03 08:56 (29)	103	50	58	16	36.3/ORAL CAVITY
US2061015	Screening	2020-05-29 08:41 (-5)	109	69	64	16	36.8/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-03 13:34 (1)	113	70	66	14	37.1/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-03 16:00 (1)	125	81	56	15	36.9/ORAL CAVITY
	Day 8	2020-06-10 08:12 (8)	113	69	67	16	36.8/ORAL CAVITY
	Unscheduled	2020-06-11 15:40 (9)	113	69	90	16	36.8/ORAL CAVITY
	Day 15	2020-06-15 11:06 (13)	107	56	63	14	36.9/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-06 13:17 (34)	127	83	99	16	36.2/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-06 15:37 (1)	114	76	71	16	36.9/ORAL CAVITY
	Day 36	2020-07-16 10:09 (11)	107	79	83	16	35.8/ORAL CAVITY
	Day 43	2020-07-23 16:56 (18)	112	69	87	16	37.2/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2061015	Day 57	2020-08-05 15:11 (31)	132	80	79	16	36.7/ORAL CAVITY
US2061018	Screening	2020-05-29 09:15 (-7)	143	95	71	16	36.7/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-05 15:18 (1)	134	86	92	16	36.6/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-05 17:53 (1)	143	97	65	16	36.4/ORAL CAVITY
	Day 8	2020-06-15 08:09 (11)	123	86	82	16	36.8/ORAL CAVITY
	Day 15	2020-06-19 08:20 (15)	134	95	75	16	36.9/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-08 08:10 (34)	132	95	85	16	36.8/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-08 10:27 (1)	144	86	73	14	36.9/ORAL CAVITY
	Day 36	2020-07-15 08:07 (8)	125	87	78	16	36.6/ORAL CAVITY
	Day 43	2020-07-23 08:18 (16)	130	92	83	16	37.6/ORAL CAVITY
	Day 57	2020-08-12 14:00 (36)	134	87	82	16	36.5/ORAL CAVITY
US2061021	Screening	2020-05-29 11:08 (-6)	126	73	49	16	37.2/ORAL CAVITY
	Unscheduled	2020-06-01 14:48 (-3)	120	72	55	16	36.9/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-04 15:19 (1)	110	62	59	16	37/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-04 17:27 (1)	122	72	50	16	36.6/ORAL CAVITY
	Day 8	2020-06-11 13:15 (8)	125	68	57	16	37.1/ORAL CAVITY
	Day 15	2020-06-18 13:15 (15)	116	61	61	16	36.8/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2061021	Day 29/ PRE-DOSE	2020-07-02 13:06 (29)	133	74	62	16	36.5/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-02 15:05 (1)	115	68	49	14	36.8/ORAL CAVITY
	Day 36	2020-07-10 09:05 (9)	116	70	62	16	36.6/ORAL CAVITY
	Day 43	2020-07-21 16:16 (20)	125	73	62	16	36.7/ORAL CAVITY
	Day 57	2020-07-30 13:05 (29)	116	66	52	16	36.8/ORAL CAVITY
US2061022	Screening	2020-05-29 14:02 (-5)	115	73	83	16	37/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-03 10:37 (1)	114	80	82	16	36.4/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-03 12:52 (1)	120	90	102	16	36.7/ORAL CAVITY
	Day 8	2020-06-12 08:12 (10)	115	82	89	16	36.8/ORAL CAVITY
	Day 15	2020-06-16 08:14 (14)	109	71	82	14	36.6/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-02 08:10 (30)	101	73	82	16	36.4/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-02 10:50 (1)	116	72	73	16	36.5/ORAL CAVITY
	Day 36	2020-07-10 08:09 (9)	107	72	85	16	36.6/ORAL CAVITY
	Day 43	2020-07-17 09:04 (16)	102	68	95	16	36.2/ORAL CAVITY
	Day 57	2020-07-28 09:21 (27)	104	79	82	16	36.3/ORAL CAVITY
US2061024	Screening	2020-05-29 14:08 (-5)	107	71	57	16	36.8/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-03 15:31 (1)	111	65	57	16	36.8/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2061024	Day 1/ POST-DOSE	2020-06-03 18:01 (1)	115	67	53	16	36.3/ORAL CAVITY
	Day 8	2020-06-11 16:14 (9)	109	69	60	16	36.7/ORAL CAVITY
	Day 15	2020-06-19 16:35 (17)	107	74	56	14	36.7/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-02 15:10 (30)	95	70	58	16	36.9/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-02 17:17 (1)	119	70	50	16	36.4/ORAL CAVITY
	Day 36	2020-07-10 11:05 (9)	121	78	69	16	36.6/ORAL CAVITY
	Day 43	2020-07-22 16:04 (21)	120	69	55	16	36.7/ORAL CAVITY
	Day 57	2020-08-04 16:03 (34)	109	68	59	16	36.5/ORAL CAVITY
US2061032	Screening	2020-06-03 16:00 (-2)	123	80	81	12	36.9/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-05 08:43 (1)	108	63	72	15	36.9/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-05 11:35 (1)	129	83	65	16	36.6/ORAL CAVITY
	Day 8	2020-06-15 16:40 (11)	122	81	92	16	37.3/ORAL CAVITY
	Day 15	2020-06-22 16:13 (18)	107	74	84	16	37.2/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-07 15:07 (33)	109	72	91	16	36.8/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-07 16:59 (1)	118	75	74	12	37/ORAL CAVITY
	Day 36	2020-07-14 15:42 (8)	125	75	83	16	36.8/ORAL CAVITY
	Day 43	2020-07-21 15:45 (15)	116	83	81	16	37.4/ORAL CAVITY
	Day 57	2020-08-05 16:25 (30)	119	85	82	16	36.9/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2071012	Screening	2020-05-25 14:21 (-9)	118	78	60	14	36.6/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-03 13:39 (1)	100	76	64	12	36.7/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-03 15:16 (1)	108	78	68	14	37/ORAL CAVITY
	Day 8	2020-06-10 10:37 (8)	100	78	74	12	37.1/ORAL CAVITY
	Day 15	2020-06-18 10:24 (16)	110	78	60	12	37.4/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-07 12:59 (35)	120	80	82	16	36.4/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-07 14:50 (1)	118	70	68	16	36.8/ORAL CAVITY
	Day 36	2020-07-14 12:06 (8)	124	78	77	16	36.6/ORAL CAVITY
	Day 43	2020-07-22 09:08 (16)	122	72	76	16	36.7/ORAL CAVITY
	Day 57	2020-08-05 08:12 (30)	123	83	77	17	36.6/ORAL CAVITY
US2071014	Screening	2020-05-25 16:07 (-9)	110	72	78	16	36.6/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-03 10:25 (1)	118	64	60	16	36.4/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-03 12:15 (1)	118	64	62	16	36.2/ORAL CAVITY
	Day 8	2020-06-11 09:23 (9)	118	64	60	16	36.4/ORAL CAVITY
	Day 15	2020-06-17 09:47 (15)	128	68	64	16	36.8/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-06 13:12 (34)	108	62	60	14	36.6/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-06 15:03 (1)	110	62	64	14	36.8/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2071014	Day 36	2020-07-16 10:03 (11)	118	80	76	14	36.5/ORAL CAVITY
	Day 43	2020-07-22 09:12 (17)	122	82	74	12	36.1/ORAL CAVITY
	Day 57	2020-08-04 09:00 (30)	129	77	72	12	37.1/ORAL CAVITY
US2071017	Screening	2020-05-25 16:53 (-8)	126	84	64	12	36.6/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-02 14:48 (1)	124	80	82	14	37.1/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-02 18:09 (1)	128	80	68	16	37.1/ORAL CAVITY
	Day 8	2020-06-09 15:28 (8)	136	88	82	16	36.8/ORAL CAVITY
	Day 15	2020-06-16 15:08 (15)	120	78	76	16	37.1/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-01 13:54 (30)	118	76	76	12	36.7/ORAL CAVITY
	Day 36	2020-07-08 15:27 (8)	138	78	84	14	36.9/ORAL CAVITY
	Day 43	2020-07-14 15:12 (14)	142	80	80	14	36.9/ORAL CAVITY
	Day 57	2020-08-18 17:23 (49)	147	92	81	14	36.8/ORAL CAVITY
US2071022	Screening	2020-05-26 08:57 (-8)	126	80	64	14	36.6/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-03 10:05 (1)	118	80	76	12	37.2/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-03 13:20 (1)	122	64	62	16	37.1/ORAL CAVITY
	Day 8	2020-06-12 10:08 (10)	120	88	70	14	36.7/ORAL CAVITY
	Day 15	2020-06-18 10:07 (16)	110	80	72	14	36.3/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-02 10:08 (30)	120	78	68	16	36.6/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2071022	Day 29/ POST-DOSE	2020-07-02 11:58 (1)	110	78	66	14	36.2/ORAL CAVITY
	Day 36	2020-07-10 09:09 (9)	146	62	68	16	36.4/ORAL CAVITY
	Day 43	2020-07-17 10:16 (16)	124	76	78	16	36.4/ORAL CAVITY
	Day 57	2020-08-06 10:51 (36)	140	80	85	14	36.9/ORAL CAVITY
US2071042	Screening	2020-05-28 11:30 (-7)	138	88	68	14	37.1/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-04 14:12 (1)	140	80	72	14	37/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-04 16:06 (1)	124	78	74	12	37.1/ORAL CAVITY
	Day 8	2020-06-11 10:10 (8)	124	62	60	16	37.2/ORAL CAVITY
	Day 15	2020-06-18 09:08 (15)	128	78	76	16	36.6/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-09 12:12 (36)	120	84	66	14	36.3/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-09 13:47 (1)	128	76	76	12	36.8/ORAL CAVITY
	Day 36	2020-07-21 11:09 (13)	132	80	78	16	36.5/ORAL CAVITY
	Day 43	2020-07-23 11:02 (15)	128	80	64	16	36.7/ORAL CAVITY
	Day 57	2020-08-07 07:54 (30)	130	70	70	12	36.8/ORAL CAVITY
US2071044	Screening	2020-05-28 13:43 (-11)	100	64	88	17	36.7/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-08 11:36 (1)	108	60	64	14	36.2/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-08 15:43 (1)	98	64	74	14	36.6/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2071044	Day 8	2020-06-15 10:15 (8)	100	64	80	14	36.6/ORAL CAVITY
	Day 15	2020-06-19 14:44 (12)	108	68	70	14	37.7/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-09 13:19 (32)	98	68	74	14	37.6/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-09 15:00 (1)	92	72	72	12	36.9/ORAL CAVITY
	Day 36	2020-07-16 16:07 (8)	117	70	76	12	37.3/ORAL CAVITY
	Day 43	2020-07-24 12:42 (16)	110	72	74	16	37/ORAL CAVITY
	Day 57	2020-08-06 14:10 (29)	100	72	70	14	37.2/ORAL CAVITY
US2071046	Screening	2020-05-28 15:30 (-7)	108	62	78	14	36.8/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-04 10:20 (1)	100	74	84	14	37/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-04 12:38 (1)	100	70	68	16	36.8/ORAL CAVITY
	Day 8	2020-06-11 09:11 (8)	98	64	76	14	36.9/ORAL CAVITY
	Day 15	2020-06-19 15:05 (16)	104	74	76	16	37.1/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-07 15:14 (34)	108	78	88	14	36.9/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-07 17:12 (1)	106	74	88	14	37.1/ORAL CAVITY
	Day 36	2020-07-14 09:04 (8)	110	68	88	14	36.8/ORAL CAVITY
	Day 43	2020-07-21 09:16 (15)	112	70	82	16	37.1/ORAL CAVITY
	Day 57	2020-08-11 16:03 (36)	102	74	74	14	37.1/ORAL CAVITY
US2071049	Screening	2020-05-29 09:05 (-6)	108	64	82	14	36.7/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2071049	Day 1/ PRE-DOSE	2020-06-04 08:58 (1)	114	76	64	14	36.4/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-04 11:17 (1)	118	76	78	16	36.8/ORAL CAVITY
	Day 8	2020-06-11 08:39 (8)	118	78	72	14	36.7/ORAL CAVITY
	Day 15	2020-06-18 08:34 (15)	110	68	84	14	36.8/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-08 08:41 (35)	110	76	80	16	36.7/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-08 10:31 (1)	114	70	76	16	36.5/ORAL CAVITY
	Day 36	2020-07-16 09:17 (9)	110	76	80	12	36.7/ORAL CAVITY
	Day 43	2020-07-21 09:22 (14)	128	74	80	14	36.7/ORAL CAVITY
	Day 57	2020-08-06 10:14 (30)	114	74	76	12	36.6/ORAL CAVITY
US2071050	Screening	2020-05-29 10:09 (-7)	118	70	80	16	36.7/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-05 12:25 (1)	138	80	74	14	37.1/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-05 14:16 (1)	126	78	68	12	36.6/ORAL CAVITY
	Day 8	2020-06-12 13:04 (8)	128	82	74	16	36.8/ORAL CAVITY
	Day 15	2020-06-18 08:07 (14)	118	78	78	16	36.8/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-07 11:07 (33)	122	80	76	16	36.4/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-07 12:44 (1)	118	84	78	14	37.1/ORAL CAVITY
	Day 36	2020-07-15 08:01 (9)	100	74	72	14	36.6/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2071050	Day 43	2020-07-21 08:02 (15)	126	82	68	16	36.4/ORAL CAVITY
	Day 57	2020-08-07 08:12 (32)	128	82	76	16	36.2/ORAL CAVITY
US2071059	Screening	2020-06-01 11:48 (-7)	118	80	80	14	36.8/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-08 12:30 (1)	120	78	78	14	37/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-08 17:06 (1)	128	80	88	14	36.8/ORAL CAVITY
	Day 8	2020-06-16 10:42 (9)	128	78	68	14	36.8/ORAL CAVITY
	Day 15	2020-06-22 11:11 (15)	124	80	74	16	37.3/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-07 15:08 (30)	114	78	70	16	37.1/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-07 16:40 (1)	110	76	100	14	36.8/ORAL CAVITY
	Day 36	2020-07-14 11:01 (8)	126	84	78	16	37.2/ORAL CAVITY
	Day 43	2020-07-22 11:08 (16)	130	62	80	16	36.9/ORAL CAVITY
	Day 57	2020-08-04 11:06 (29)	138	76	88	14	37/ORAL CAVITY
US2071062	Screening	2020-06-01 14:49 (-3)	118	84	66	16	37.2/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-04 15:24 (1)	120	68	68	14	37.4/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-04 17:41 (1)	122	81	70	14	36.6/ORAL CAVITY
	Day 8	2020-06-11 16:06 (8)	126	84	74	16	36.7/ORAL CAVITY
	Day 15	2020-06-19 13:59 (16)	126	84	64	14	37.1/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2071062	Day 29/ PRE-DOSE	2020-07-07 13:57 (34)	124	80	70	14	37.4/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-07 15:40 (1)	118	80	74	16	37.2/ORAL CAVITY
	Day 36	2020-07-14 11:20 (8)	128	76	60	12	36.9/ORAL CAVITY
	Day 43	2020-07-21 14:21 (15)	120	78	60	12	37.6/ORAL CAVITY
	Day 57	2020-08-04 12:13 (29)	124	78	64	12	37.4/ORAL CAVITY
US2071064	Screening	2020-06-01 16:17 (-4)	112	78	80	14	36.8/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-05 14:28 (1)	120	68	86	14	36.7/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-05 16:17 (1)	98	68	80	14	36.6/ORAL CAVITY
	Day 8	2020-06-12 13:27 (8)	120	74	88	14	36.9/ORAL CAVITY
	Day 15	2020-06-19 13:32 (15)	120	82	72	16	36.6/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-09 15:57 (35)	120	74	80	16	37.7/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-09 17:49 (1)	118	74	84	12	36.7/ORAL CAVITY
	Day 36	2020-07-16 08:19 (8)	120	84	77	14	36.9/ORAL CAVITY
	Day 43	2020-07-20 12:06 (12)	122	74	76	14	36.5/ORAL CAVITY
	Day 57	2020-08-07 13:08 (30)	125	79	82	16	36.7/ORAL CAVITY
US2071066	Screening	2020-06-01 17:26 (-8)	118	68	64	16	36.6/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-09 12:57 (1)	124	72	66	16	37.1/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2071066	Day 1/ POST-DOSE	2020-06-09 17:35 (1)	128	74	70	16	36.8/ORAL CAVITY
	Day 8	2020-06-17 11:06 (9)	130	84	76	16	36.4/ORAL CAVITY
	Day 15	2020-06-22 13:23 (14)	132	72	70	16	37.3/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-08 13:48 (30)	132	68	64	16	36.6/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-08 15:20 (1)	130	74	74	16	36.6/ORAL CAVITY
	Day 36	2020-07-16 10:26 (9)	126	78	64	16	37.5/ORAL CAVITY
	Day 43	2020-07-20 10:35 (13)	120	72	68	16	36.7/ORAL CAVITY
US2071070	Screening	2020-06-02 09:31 (-6)	118	78	80	14	36.3/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-08 10:14 (1)	100	76	80	12	37/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-08 12:15 (1)	108	72	80	16	36.8/ORAL CAVITY
	Day 8	2020-06-16 11:53 (9)	120	80	64	14	36.9/ORAL CAVITY
	Day 15	2020-06-23 08:40 (16)	110	78	76	14	36.4/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-07 08:11 (30)	110	76	80	14	37.1/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-07 09:50 (1)	120	70	80	12	36.7/ORAL CAVITY
	Day 36	2020-07-14 09:18 (8)	110	78	80	12	36.5/ORAL CAVITY
	Day 43	2020-07-21 08:58 (15)	108	74	68	14	36.8/ORAL CAVITY
	Day 57	2020-08-04 09:04 (29)	108	75	76	14	37.2/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2071072	Screening	2020-06-02 13:23 (-3)	124	78	80	14	36.7/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-05 12:11 (1)	124	72	78	16	36.4/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-05 14:05 (1)	128	76	76	16	36.6/ORAL CAVITY
	Day 8	2020-06-12 08:18 (8)	118	70	72	14	36.2/ORAL CAVITY
	Day 15	2020-06-19 08:08 (15)	118	72	74	14	36.6/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-06 08:22 (32)	110	68	76	14	36.9/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-06 10:07 (1)	118	76	76	14	36.1/ORAL CAVITY
	Day 36	2020-07-13 07:52 (8)	120	78	74	16	36.3/ORAL CAVITY
	Day 43	2020-07-20 07:45 (15)	114	80	74	14	37.1/ORAL CAVITY
	Day 57	2020-07-31 07:43 (26)	118	76	66	16	36.7/ORAL CAVITY
US2081026	Screening	2020-05-29 07:38 (-6)	113	74	72	18	37.1/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-04 07:04 (1)	122	85	89	16	36.7/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-04 08:52 (1)	116	79	81	17	36.8/ORAL CAVITY
	Day 8	2020-06-11 07:34 (8)	130	96	81	18	36.5/ORAL CAVITY
	Day 15	2020-06-18 07:35 (15)	124	83	79	17	36.7/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-07 07:05 (34)	126	77	87	17	36.6/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-07 08:44 (1)	135	90	67	16	36.7/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2081026	Day 36	2020-07-14 08:07 (8)	138	84	84	20	36.7/ORAL CAVITY
	Day 43	2020-07-21 08:05 (15)	120	82	52	17	36.5/ORAL CAVITY
	Day 57	2020-08-06 07:50 (31)	138	80	68	17	36.8/ORAL CAVITY
US2081033	Screening	2020-05-29 12:06 (-4)	122	78	65	18	36.9/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-02 07:08 (1)	122	78	65	18	36.7/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-02 09:05 (1)	154	90	68	17	36.7/ORAL CAVITY
	Day 8	2020-06-10 09:05 (9)	130	93	74	18	36.9/ORAL CAVITY
	Day 15	2020-06-17 10:07 (16)	118	83	65	18	36.7/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-07 09:50 (36)	125	84	64	17	37.1/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-07 11:41 (1)	131	84	52	18	36.7/ORAL CAVITY
	Day 36	2020-07-14 12:57 (8)	121	77	76	18	36.8/ORAL CAVITY
	Day 43	2020-07-21 09:58 (15)	120	72	60	17	36.8/ORAL CAVITY
	Day 57	2020-08-06 10:10 (31)	128	70	64	17	37.2/ORAL CAVITY
US2081038	Screening	2020-06-01 07:33 (-7)	120	80	64	18	36.7/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-08 07:30 (1)	132	80	72	17	37.1/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-08 09:02 (1)	118	64	68	17	36.9/ORAL CAVITY
	Day 8	2020-06-15 07:07 (8)	126	81	61	18	36.7/ORAL CAVITY
	Day 15	2020-06-22 07:07 (15)	122	86	62	16	36.6/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2081038	Day 29/ PRE-DOSE	2020-07-09 07:05 (32)	122	87	61	17	36.5/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-09 08:53 (1)	123	83	68	17	36.6/ORAL CAVITY
	Day 36	2020-07-16 07:10 (8)	130	88	64	10	36.6/ORAL CAVITY
	Day 43	2020-07-22 07:10 (14)	128	81	59	17	36.7/ORAL CAVITY
	Day 57	2020-08-10 07:30 (33)	116	78	58	17	36.6/ORAL CAVITY
US2081042	Screening	2020-06-01 12:09 (-9)	138	78	62	16	36.6/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-10 07:08 (1)	138	78	62	16	36.6/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-10 08:43 (1)	130	82	71	17	36.6/ORAL CAVITY
	Day 8	2020-06-17 08:12 (8)	135	99	74	15	36.7/ORAL CAVITY
	Day 15	2020-06-24 09:10 (15)	125	80	74	17	36.8/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-08 07:10 (29)	116	76	52	17	36.6/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-08 09:05 (1)	125	83	68	17	36.7/ORAL CAVITY
	Day 36	2020-07-16 08:27 (9)	120	90	64	12	36.8/ORAL CAVITY
	Day 43	2020-07-23 08:00 (16)	117	80	81	17	36.8/ORAL CAVITY
	Day 57	2020-08-06 07:54 (30)	145	91	61	17	36.6/ORAL CAVITY
US2081046	Screening	2020-06-02 07:43 (-6)	134	88	66	16	36.7/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-08 15:15 (1)	122	76	72	17	35.7/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2081046	Day 1/ POST-DOSE	2020-06-08 16:42 (1)	135	89	64	17	36.9/ORAL CAVITY
	Day 8	2020-06-16 08:09 (9)	131	84	75	16	36.9/ORAL CAVITY
	Day 15	2020-06-24 08:14 (17)	140	86	79	16	36.6/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-09 07:13 (32)	130	76	58	19	36.7/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-09 09:03 (1)	132	76	54	18	36.7/ORAL CAVITY
	Day 36	2020-07-17 07:07 (9)	139	96	77	18	36.7/ORAL CAVITY
	Day 43	2020-07-24 07:35 (16)	142	91	80	17	36.7/ORAL CAVITY
	Day 57	2020-08-07 07:35 (30)	145	82	68	17	36.8/ORAL CAVITY
US2081049	Screening	2020-06-02 10:32 (-7)	122	84	61	14	36.6/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-09 09:08 (1)	118	70	54	17	36.4/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-09 10:32 (1)	124	90	57	16	37/ORAL CAVITY
	Day 8	2020-06-16 08:45 (8)	117	78	66	14	36.8/ORAL CAVITY
	Day 15	2020-06-23 09:48 (15)	110	76	67	16	36.8/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-08 07:05 (30)	118	78	81	18	36.6/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-08 08:56 (1)	114	78	68	17	36.2/ORAL CAVITY
	Day 36	2020-07-16 08:10 (9)	138	82	65	12	36.4/ORAL CAVITY
	Day 43	2020-07-23 09:10 (16)	118	79	59	17	36.9/ORAL CAVITY
	Day 57	2020-08-06 15:14 (30)	125	86	63	16	36.9/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2081057	Screening	2020-06-03 15:13 (-2)	134	88	80	14	36.6/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-05 13:15 (1)	120	70	58	17	36.7/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-05 14:47 (1)	118	60	70	17	37.1/ORAL CAVITY
	Day 8	2020-06-12 13:03 (8)	142	92	62	18	36.7/ORAL CAVITY
	Day 15	2020-06-19 11:14 (15)	130	70	62	17	36.7/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-09 12:05 (35)	120	82	60	17	36.2/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-09 13:49 (1)	136	78	60	17	36.8/ORAL CAVITY
	Day 36	2020-07-17 11:00 (9)	120	88	70	17	36.8/ORAL CAVITY
	Day 43	2020-07-23 14:05 (15)	141	83	87	18	36.9/ORAL CAVITY
	Day 57	2020-08-05 11:32 (28)	152	90	81	17	36.9/ORAL CAVITY
US2081058	Screening	2020-06-04 08:55 (-4)	117	80	62	16	36.6/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-08 11:20 (1)	118	70	52	17	37/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-08 12:54 (1)	120	73	85	18	36.7/ORAL CAVITY
	Day 8	2020-06-15 10:05 (8)	125	81	85	16	36.7/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-06 10:05 (29)	117	81	87	17	36.9/ORAL CAVITY
	Day 43	2020-07-21 11:05 (44)	110	74	58	18	36.9/ORAL CAVITY
	Day 57	2020-08-06 12:11 (60)	102	76	70	17	37.2/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2011020	Screening	2020-05-26 17:27 (-6)	136	68	66	16	37.3/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-01 13:46 (1)	120	63	72	16	36.9/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-01 16:37 (1)	101	70	61	14	36.8/ORAL CAVITY
	Day 8	2020-06-08 09:40 (8)	99	68	66	16	36.8/ORAL CAVITY
	Day 15	2020-06-15 13:06 (15)	105	66	81	16	37/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-01 14:20 (31)	102	64	62	16	36.8/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-01 16:50 (1)	111	72	70	16	36.9/ORAL CAVITY
	Day 36	2020-07-08 14:11 (8)	92	60	95	16	37/ORAL CAVITY
	Day 43	2020-07-15 14:16 (15)	102	66	72	14	37.1/ORAL CAVITY
	Day 57	2020-07-29 14:21 (29)	132	70	70	16	36.7/ORAL CAVITY
US2011029	Screening	2020-05-27 09:25 (-5)	113	72	93	11	37/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-01 16:02 (1)	107	68	80	12	37/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-01 18:42 (1)	124	78	68	14	37/ORAL CAVITY
	Day 8	2020-06-08 13:18 (8)	126	66	78	12	37.2/ORAL CAVITY
	Day 15	2020-06-18 13:10 (18)	116	82	88	12	37.3/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-06-29 15:21 (29)	106	70	82	12	37.1/ORAL CAVITY
	Day 29/ POST-DOSE	2020-06-29 17:50 (1)	126	72	62	14	36.9/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2011029	Day 36	2020-07-06 13:37 (8)	110	74	80	14	36.9/ORAL CAVITY
	Day 43	2020-07-14 13:35 (16)	124	68	76	14	36.8/ORAL CAVITY
	Day 57	2020-07-28 13:27 (30)	99	70	83	14	36.9/ORAL CAVITY
US2011048	Screening	2020-05-27 15:42 (-5)	136	83	78	14	37.3/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-01 09:21 (1)	118	76	67	16	37/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-01 11:53 (1)	135	81	61	14	37.1/ORAL CAVITY
	Day 8	2020-06-08 08:20 (8)	122	76	74	14	36.7/ORAL CAVITY
	Day 15	2020-06-15 08:12 (15)	106	74	76	16	36.8/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-06-29 08:23 (29)	122	82	64	12	37/ORAL CAVITY
	Day 29/ POST-DOSE	2020-06-29 11:42 (1)	124	89	70	12	36.9/ORAL CAVITY
	Day 36	2020-07-06 08:10 (8)	122	84	81	16	36.6/ORAL CAVITY
	Day 43	2020-07-13 07:46 (15)	128	87	76	14	36.7/ORAL CAVITY
	Day 57	2020-07-27 08:13 (29)	124	82	74	16	37/ORAL CAVITY
US2011051	Screening	2020-05-27 16:32 (-6)	105	68	80	14	36.9/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-02 14:27 (1)	108	64	78	16	36.8/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-02 17:20 (1)	102	72	90	14	37.1/ORAL CAVITY
	Day 8	2020-06-09 09:35 (8)	116	77	78	12	37.1/ORAL CAVITY
	Day 15	2020-06-16 10:14 (15)	115	82	77	16	36.9/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2011051	Day 29/ PRE-DOSE	2020-07-06 12:36 (35)	105	77	89	14	37.6/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-06 14:50 (1)	103	65	75	14	36.8/ORAL CAVITY
	Day 36	2020-07-14 10:19 (9)	105	82	101	14	36.9/ORAL CAVITY
	Day 43	2020-07-21 10:24 (16)	106	76	73	14	36.8/ORAL CAVITY
	Day 57	2020-08-04 11:23 (30)	108	74	71	12	36.9/ORAL CAVITY
US2011055	Screening	2020-05-28 07:30 (-5)	116	77	68	11	37.2/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-02 14:18 (1)	103	65	72	14	37.2/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-02 18:04 (1)	106	72	63	14	36.9/ORAL CAVITY
	Day 8	2020-06-09 13:07 (8)	124	64	70	12	36.8/ORAL CAVITY
	Day 15	2020-06-16 13:01 (15)	112	74	63	12	36.8/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-06-30 14:38 (29)	103	71	74	14	37/ORAL CAVITY
	Day 29/ POST-DOSE	2020-06-30 17:12 (1)	112	68	68	12	36.9/ORAL CAVITY
	Day 36	2020-07-07 14:07 (8)	102	75	65	16	37/ORAL CAVITY
	Day 43	2020-07-15 12:11 (16)	118	68	72	14	37.1/ORAL CAVITY
	Day 57	2020-07-28 14:29 (29)	110	70	72	14	36.7/ORAL CAVITY
US2011061	Screening	2020-05-28 10:03 (-6)	143	89	77	14	36.9/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-03 16:29 (1)	139	86	85	14	36.9/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2011061	Day 1/ POST-DOSE	2020-06-03 18:42 (1)	135	85	75	14	37.1/ORAL CAVITY
	Day 8	2020-06-10 14:55 (8)	130	88	73	15	37.1/ORAL CAVITY
	Day 15	2020-06-18 16:19 (16)	123	91	83	14	36.8/ORAL CAVITY
	Unscheduled	2020-06-18 16:19 (16)	123	91	83	14	36.8/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-02 15:25 (30)	122	90	87	14	37.2/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-02 17:53 (1)	124	88	88	14	37.1/ORAL CAVITY
	Day 36	2020-07-09 12:28 (8)	138	99	70	14	37.1/ORAL CAVITY
	Day 43	2020-07-16 12:19 (15)	137	90	70	16	36.8/ORAL CAVITY
	Day 57	2020-08-03 13:09 (33)	119	78	84	14	37.1/ORAL CAVITY
US2011084	Screening	2020-05-29 13:19 (-4)	126	86	78	12	36.9/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-02 07:17 (1)	118	76	68	16	36.8/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-02 10:02 (1)	126	73	59	16	36.7/ORAL CAVITY
	Day 8	2020-06-09 07:22 (8)	120	71	55	14	36.9/ORAL CAVITY
	Day 15	2020-06-16 07:09 (15)	117	74	48	12	36.6/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-06-30 07:14 (29)	134	66	50	12	36.4/ORAL CAVITY
	Day 29/ POST-DOSE	2020-06-30 09:23 (1)	138	68	47	12	36.8/ORAL CAVITY
	Day 36	2020-07-07 07:22 (8)	122	70	52	12	36.5/ORAL CAVITY
	Day 43	2020-07-14 07:15 (15)	120	76	52	12	36.8/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2011084	Day 57	2020-07-28 07:32 (29)	126	83	66	12	37.1/ORAL CAVITY
US2011087	Screening	2020-05-29 17:05 (-5)	132	80	72	10	36.8/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-03 15:05 (1)	136	87	69	14	37.2/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-03 17:17 (1)	123	72	58	14	36.9/ORAL CAVITY
	Day 8	2020-06-10 15:09 (8)	110	63	73	12	36.8/ORAL CAVITY
	Day 15	2020-06-17 16:07 (15)	129	76	64	12	36.7/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-01 15:16 (29)	128	87	78	14	36.8/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-01 17:18 (1)	130	86	65	14	36.8/ORAL CAVITY
	Day 36	2020-07-08 15:17 (8)	110	71	68	14	36.9/ORAL CAVITY
	Day 43	2020-07-15 15:15 (15)	118	72	60	14	36.8/ORAL CAVITY
	Day 57	2020-07-29 15:33 (29)	129	88	75	14	37.1/ORAL CAVITY
US2011090	Screening	2020-06-01 10:36 (-3)	134	86	61	11	36.8/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-04 09:17 (1)	122	87	63	14	36.8/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-04 11:32 (1)	126	85	57	14	36.7/ORAL CAVITY
	Day 8	2020-06-11 09:18 (8)	128	86	69	14	36.9/ORAL CAVITY
	Day 15	2020-06-18 09:07 (15)	110	86	61	16	36.5/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-02 09:10 (29)	119	88	66	14	36.6/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2011090	Day 29/ POST-DOSE	2020-07-02 11:53 (1)	116	77	63	14	36.8/ORAL CAVITY
	Day 36	2020-07-09 09:16 (8)	127	92	60	14	36.4/ORAL CAVITY
	Day 43	2020-07-16 09:11 (15)	111	81	61	14	36.4/ORAL CAVITY
	Day 57	2020-07-30 09:20 (29)	117	88	60	16	36.8/ORAL CAVITY
US2011091	Screening	2020-06-01 11:03 (-3)	142	92	73	14	37.1/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-04 10:27 (1)	130	82	77	12	36.4/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-04 12:36 (1)	130	82	77	14	36.4/ORAL CAVITY
	Day 8	2020-06-11 11:30 (8)	130	90	76	14	36.6/ORAL CAVITY
	Day 15	2020-06-19 11:25 (16)	119	86	79	14	36.8/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-02 11:36 (29)	123	90	69	14	36.4/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-02 14:26 (1)	130	82	67	14	36.5/ORAL CAVITY
	Day 36	2020-07-09 11:25 (8)	125	86	70	14	36.9/ORAL CAVITY
	Day 43	2020-07-17 12:20 (16)	133	91	67	16	36.3/ORAL CAVITY
	Day 57	2020-08-03 12:28 (33)	134	82	66	14	36.4/ORAL CAVITY
US2011092	Screening	2020-06-02 13:44 (-3)	117	79	70	14	37.5/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-05 13:21 (1)	114	76	66	14	37.2/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-05 15:50 (1)	114	79	60	14	37.5/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2011092	Day 8	2020-06-12 13:17 (8)	119	74	60	14	36.7/ORAL CAVITY
	Day 15	2020-06-19 11:55 (15)	113	80	57	16	36.8/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-07 13:15 (33)	113	77	57	16	37/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-07 15:52 (1)	117	83	51	16	37.1/ORAL CAVITY
	Day 36	2020-07-14 13:37 (8)	108	70	59	14	36.8/ORAL CAVITY
	Day 43	2020-07-21 13:21 (15)	110	74	57	16	36.8/ORAL CAVITY
	Day 57	2020-08-05 13:45 (30)	110	70	58	16	37.2/ORAL CAVITY
US2011093	Screening	2020-06-02 16:13 (-6)	108	67	69	15	36.8/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-08 07:16 (1)	97	68	68	15	36.7/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-08 09:37 (1)	106	68	61	16	36.4/ORAL CAVITY
	Day 8	2020-06-15 07:57 (8)	94	71	70	14	36.9/ORAL CAVITY
	Day 15	2020-06-22 10:16 (15)	96	72	65	16	36.9/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-06 10:13 (29)	93	70	67	14	37.4/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-06 12:16 (1)	102	73	57	14	36.6/ORAL CAVITY
	Day 36	2020-07-13 10:15 (8)	98	66	67	14	36.5/ORAL CAVITY
	Day 43	2020-07-20 11:25 (15)	95	72	74	14	36.8/ORAL CAVITY
	Day 57	2020-08-03 09:47 (29)	92	65	65	14	36.6/ORAL CAVITY
US2011095	Screening	2020-06-03 12:07 (-2)	122	89	58	14	36.9/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2011095	Day 1/ PRE-DOSE	2020-06-05 13:57 (1)	124	78	61	14	36.8/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-05 16:22 (1)	117	75	51	12	36.4/ORAL CAVITY
	Day 8	2020-06-15 14:45 (11)	120	72	60	14	36.4/ORAL CAVITY
	Day 15	2020-06-22 15:02 (18)	114	83	88	14	36.9/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-06 15:07 (32)	114	86	77	14	36.4/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-06 17:57 (1)	126	84	58	14	36.6/ORAL CAVITY
	Day 36	2020-07-13 14:56 (8)	118	62	68	14	36.4/ORAL CAVITY
	Day 43	2020-07-20 14:30 (15)	117	77	69	14	36.6/ORAL CAVITY
	Day 57	2020-08-03 15:06 (29)	126	72	68	14	36.6/ORAL CAVITY
US2011102	Screening	2020-06-05 12:42 (-3)	124	84	62	14	36.8/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-08 09:36 (1)	130	83	75	14	36.9/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-08 12:07 (1)	135	82	58	14	36.8/ORAL CAVITY
	Day 8	2020-06-15 10:13 (8)	131	79	65	14	36.9/ORAL CAVITY
	Day 15	2020-06-22 15:44 (15)	140	88	53	14	36.9/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-06 09:22 (29)	134	76	62	14	37.1/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-06 11:45 (1)	138	86	52	14	37.4/ORAL CAVITY
	Day 36	2020-07-13 09:10 (8)	130	88	57	14	36.6/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2011102	Day 43	2020-07-20 15:11 (15)	132	88	68	16	36.9/ORAL CAVITY
	Day 57	2020-08-04 15:15 (30)	138	72	58	14	37/ORAL CAVITY
US2021058	Screening	2020-05-27 13:01 (-9)	98	62	64	15	36.9/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-05 08:22 (1)	103	78	61	15	36.8/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-05 10:50 (1)	107	72	52	15	36.7/ORAL CAVITY
	Day 8	2020-06-15 15:22 (11)	101	62	88	14	36.7/ORAL CAVITY
	Day 15	2020-06-17 08:15 (13)	101	69	61	14	36.6/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-07 08:20 (33)	102	66	54	15	36.9/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-07 10:23 (1)	95	58	51	15	37/ORAL CAVITY
	Unscheduled	2020-07-08 10:25 (2)	97	63	86	15	37.4/ORAL CAVITY
	Day 36	2020-07-14 08:55 (8)	96	63	63	16	37/ORAL CAVITY
	Day 43	2020-07-23 08:40 (17)	100	63	68	16	36.6/ORAL CAVITY
	Day 57	2020-08-03 08:33 (28)	97	61	55	16	36.9/ORAL CAVITY
US2021064	Screening	2020-05-27 14:45 (-12)	124	76	69	15	36.7/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-08 07:41 (1)	127	74	72	14	36.7/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-08 09:49 (1)	130	90	62	14	36.4/ORAL CAVITY
	Day 8	2020-06-15 07:46 (8)	132	81	72	15	36.6/ORAL CAVITY
	Day 15	2020-06-22 08:25 (15)	120	74	72	16	36.8/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2021064	Unscheduled	2020-06-30 08:22 (23)	128	82	77	16	36.8/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-09 11:50 (32)	114	83	74	15	36.8/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-09 13:40 (1)	139	88	65	15	36.4/ORAL CAVITY
	Day 36	2020-07-16 09:15 (8)	104	64	72	16	36.5/ORAL CAVITY
	Day 43	2020-07-21 09:22 (13)	118	77	74	16	36.9/ORAL CAVITY
	Day 57	2020-08-03 09:20 (26)	133	84	74	15	36.6/ORAL CAVITY
US2021084	Screening	2020-05-28 10:50 (-8)	114	79	75	16	36.8/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-05 15:35 (1)	124	79	86	15	36.8/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-05 17:22 (1)	119	76	71	15	36.6/ORAL CAVITY
	Day 8	2020-06-12 08:42 (8)	121	76	84	15	36.9/ORAL CAVITY
	Day 15	2020-06-19 08:51 (15)	112	74	84	15	37.1/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-07 09:15 (33)	122	76	93	15	36.8/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-07 11:34 (1)	113	76	72	15	36.7/ORAL CAVITY
	Day 36	2020-07-15 08:35 (9)	112	63	79	15	36.5/ORAL CAVITY
	Day 43	2020-07-20 08:50 (14)	119	68	83	15	37/ORAL CAVITY
	Day 57	2020-08-03 09:07 (28)	118	74	78	14	36.3/ORAL CAVITY
US2021090	Screening	2020-05-28 12:20 (-5)	104	80	60	16	37.1/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2021090	Day 1/ PRE-DOSE	2020-06-02 08:52 (1)	108	74	57	15	37.2/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-02 11:06 (1)	113	73	58	14	36.9/ORAL CAVITY
	Day 8	2020-06-12 08:27 (11)	103	66	63	15	36.9/ORAL CAVITY
	Day 15	2020-06-19 08:58 (18)	114	77	61	14	37.3/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-06 08:20 (35)	108	60	60	20	36.7/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-06 10:23 (1)	114	72	58	16	36.8/ORAL CAVITY
	Day 36	2020-07-13 13:26 (8)	93	67	62	14	36.9/ORAL CAVITY
	Day 43	2020-07-20 08:22 (15)	110	59	59	14	36.9/ORAL CAVITY
	Day 57	2020-07-31 08:40 (26)	100	76	56	14	37.1/ORAL CAVITY
US2021147	Screening	2020-06-02 17:25 (-3)	130	86	73	15	36.8/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-05 13:20 (1)	120	82	72	16	36.9/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-05 15:45 (1)	130	90	68	14	36.4/ORAL CAVITY
	Day 8	2020-06-15 16:08 (11)	140	90	70	16	37.1/ORAL CAVITY
	Day 15	2020-06-22 15:49 (18)	124	86	70	15	36.7/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-07 16:10 (33)	130	86	72	16	36.7/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-07 18:15 (1)	138	88	59	15	36.5/ORAL CAVITY
	Day 36	2020-07-16 15:35 (10)	128	86	68	16	36.8/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2021147	Day 43	2020-07-22 15:55 (16)	134	84	72	16	36.9/ORAL CAVITY
	Day 57	2020-08-03 16:07 (28)	128	86	65	14	36.9/ORAL CAVITY
US2021166	Screening	2020-06-03 16:17 (-2)	92	69	86	14	37/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-05 12:07 (1)	100	70	91	15	37/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-05 14:07 (1)	105	72	87	14	37.1/ORAL CAVITY
	Day 8	2020-06-15 11:35 (11)	98	62	60	14	36.9/ORAL CAVITY
	Day 15	2020-06-22 08:59 (18)	89	57	84	14	37/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-07 10:47 (33)	95	73	80	15	36.9/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-07 12:56 (1)	111	73	73	18	36.7/ORAL CAVITY
	Day 36	2020-07-15 10:47 (9)	103	77	91	15	36.9/ORAL CAVITY
	Day 43	2020-07-23 10:27 (17)	105	69	95	16	37.1/ORAL CAVITY
	Day 57	2020-08-03 08:35 (28)	100	70	80	16	36.7/ORAL CAVITY
US2021167	Screening	2020-06-03 16:14 (-5)	138	84	75	15	37.2/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-08 10:36 (1)	124	83	70	14	37/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-08 12:59 (1)	117	79	70	14	36.8/ORAL CAVITY
	Day 8	2020-06-16 13:10 (9)	104	78	76	14	36.9/ORAL CAVITY
	Day 15	2020-06-23 13:36 (16)	122	84	70	14	36.3/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2021167	Day 29/ PRE-DOSE	2020-07-07 13:42 (30)	112	80	77	14	36.8/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-07 15:49 (1)	128	86	71	15	36.9/ORAL CAVITY
	Day 36	2020-07-14 14:17 (8)	137	73	74	15	36.9/ORAL CAVITY
	Day 43	2020-07-20 14:13 (14)	120	82	69	15	36.7/ORAL CAVITY
	Day 57	2020-08-04 17:30 (29)	125	84	75	14	36.8/ORAL CAVITY
US2021179	Screening	2020-06-05 10:08 (-3)	107	79	63	15	36.7/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-08 13:57 (1)	128	87	65	15	36.7/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-08 16:14 (1)	127	89	70	14	36.6/ORAL CAVITY
	Day 8	2020-06-15 07:57 (8)	110	82	66	15	36.8/ORAL CAVITY
	Day 15	2020-06-23 14:15 (16)	116	85	75	14	36.6/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-07 13:45 (30)	118	86	56	14	36.6/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-07 16:08 (1)	125	92	64	15	36.7/ORAL CAVITY
	Day 36	2020-07-15 08:45 (9)	116	82	68	16	36.8/ORAL CAVITY
	Day 43	2020-07-21 10:46 (15)	113	78	77	15	36.7/ORAL CAVITY
	Day 57	2020-08-04 15:24 (29)	138	84	69	14	37.3/ORAL CAVITY
US2031002	Screening	2020-05-26 08:16 (-3)	123	85	67	17	36.8/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-05-29 07:29 (1)	129	72	68	16	36.6/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2031002	Day 1/ POST-DOSE	2020-05-29 09:34 (1)	118	86	67	16	36.7/ORAL CAVITY
	Day 8	2020-06-05 07:30 (8)	109	82	61	16	37/ORAL CAVITY
	Day 15	2020-06-12 07:32 (15)	112	79	54	17	36.7/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-06-29 07:30 (32)	121	74	60	15	36.8/ORAL CAVITY
	Day 29/ POST-DOSE	2020-06-29 09:20 (1)	125	87	67	14	36.5/ORAL CAVITY
	Day 36	2020-07-07 07:35 (9)	116	75	54	16	36.6/ORAL CAVITY
	Day 43	2020-07-14 07:37 (16)	115	83	65	14	36.8/ORAL CAVITY
	Day 57	2020-07-27 07:38 (29)	117	86	71	16	37/ORAL CAVITY
US2031004	Screening	2020-05-26 08:50 (-3)	109	83	83	16	36.8/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-05-29 13:35 (1)	102	77	82	16	36.7/ORAL CAVITY
	Day 1/ POST-DOSE	2020-05-29 15:30 (1)	116	79	89	15	37/ORAL CAVITY
	Day 8	2020-06-05 09:05 (8)	103	66	79	14	36.6/ORAL CAVITY
	Day 15	2020-06-12 10:04 (15)	103	71	65	15	36.6/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-06-29 08:54 (32)	107	71	80	15	36.7/ORAL CAVITY
	Day 29/ POST-DOSE	2020-06-29 10:42 (1)	96	67	67	15	36.7/ORAL CAVITY
	Unscheduled	2020-07-01 14:41 (3)	97	47	92	16	36.6/ORAL CAVITY
	Day 36	2020-07-07 08:35 (9)	101	65	76	15	36.7/ORAL CAVITY
	Day 43	2020-07-16 08:11 (18)	96	64	96	16	36.6/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2031004	Day 57	2020-08-03 08:20 (36)	105	66	67	16	36.9/ORAL CAVITY
US2031011	Screening	2020-05-26 10:28 (-3)	109	72	67	16	36.7/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-05-29 14:40 (1)	116	64	64	15	36.9/ORAL CAVITY
	Day 1/ POST-DOSE	2020-05-29 16:55 (1)	107	80	62	16	36.8/ORAL CAVITY
	Day 8	2020-06-05 09:35 (8)	122	79	68	15	36.9/ORAL CAVITY
	Day 15	2020-06-12 08:34 (15)	95	73	63	15	36.6/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-01 11:03 (34)	111	79	54	16	36.6/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-01 12:50 (1)	109	76	54	15	36.7/ORAL CAVITY
	Day 36	2020-07-08 10:10 (8)	106	67	61	16	36.5/ORAL CAVITY
	Day 43	2020-07-16 10:10 (16)	113	70	53	16	36.6/ORAL CAVITY
	Day 57	2020-08-05 15:40 (36)	110	73	59	16	36.9/ORAL CAVITY
US2031016	Screening	2020-05-26 11:38 (-9)	106	72	72	17	36.9/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-04 11:41 (1)	122	72	64	15	36.8/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-04 13:47 (1)	109	68	54	14	36.5/ORAL CAVITY
	Day 8	2020-06-12 13:10 (9)	109	74	65	16	36.8/ORAL CAVITY
	Day 15	2020-06-18 13:37 (15)	116	71	76	12	36.9/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-02 09:08 (29)	114	70	59	16	36.8/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2031016	Day 29/ POST-DOSE	2020-07-02 11:30 (1)	118	72	51	16	36.8/ORAL CAVITY
	Day 36	2020-07-09 10:03 (8)	113	90	67	16	36.9/ORAL CAVITY
	Day 43	2020-07-14 10:07 (13)	131	72	87	14	37.1/ORAL CAVITY
	Day 57	2020-07-27 15:23 (26)	117	67	69	15	36.8/ORAL CAVITY
US2031030	Screening	2020-05-27 09:00 (-7)	110	80	71	16	36.8/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-03 08:05 (1)	97	67	73	16	36.7/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-03 10:07 (1)	102	69	63	15	36.5/ORAL CAVITY
	Day 8	2020-06-10 08:06 (8)	101	66	67	14	36.8/ORAL CAVITY
	Day 15	2020-06-15 08:06 (13)	99	64	71	16	36.8/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-01 09:07 (29)	108	73	66	16	36.8/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-01 11:23 (1)	97	57	61	16	36.8/ORAL CAVITY
	Day 36	2020-07-08 08:12 (8)	106	70	70	18	36.7/ORAL CAVITY
	Day 43	2020-07-15 09:11 (15)	108	72	66	14	36.7/ORAL CAVITY
	Day 57	2020-08-03 11:17 (34)	113	73	67	16	37.1/ORAL CAVITY
US2031042	Screening	2020-05-27 14:50 (-8)	108	70	68	15	37.2/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-04 15:15 (1)	111	77	70	16	37.1/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-04 16:59 (1)	125	84	78	16	36.6/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2031042	Day 8	2020-06-11 09:54 (8)	120	73	71	15	37.1/ORAL CAVITY
	Day 15	2020-06-18 10:07 (15)	106	71	87	12	37/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-06 13:36 (33)	117	82	76	16	37.1/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-06 15:39 (1)	110	62	62	14	36.7/ORAL CAVITY
	Day 36	2020-07-13 13:40 (8)	114	72	99	16	37.1/ORAL CAVITY
	Day 43	2020-07-17 12:12 (12)	112	81	93	16	36.6/ORAL CAVITY
	Day 57	2020-08-03 13:45 (29)	122	83	87	14	36.9/ORAL CAVITY
US2031051	Screening	2020-05-28 10:10 (-4)	95	71	67	16	36.5/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-01 15:16 (1)	105	71	63	15	36.7/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-01 17:42 (1)	112	78	66	15	36.4/ORAL CAVITY
	Day 8	2020-06-08 10:10 (8)	91	64	74	16	36.5/ORAL CAVITY
	Day 15	2020-06-15 10:43 (15)	102	69	78	16	36.6/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-06-29 13:38 (29)	96	63	54	16	36.6/ORAL CAVITY
	Day 29/ POST-DOSE	2020-06-29 15:20 (1)	103	61	56	16	36.7/ORAL CAVITY
	Day 36	2020-07-06 11:15 (8)	92	63	50	16	36.6/ORAL CAVITY
	Day 43	2020-07-13 11:37 (15)	98	64	73	16	36.9/ORAL CAVITY
	Day 57	2020-07-27 13:37 (29)	104	68	73	16	36.7/ORAL CAVITY
US2031056	Screening	2020-05-28 14:51 (-4)	110	75	68	16	36.6/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2031056	Day 1/ PRE-DOSE	2020-06-01 15:06 (1)	115	75	81	15	37/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-01 17:07 (1)	113	77	66	16	36.8/ORAL CAVITY
	Day 8	2020-06-08 14:16 (8)	104	65	69	15	36.8/ORAL CAVITY
	Day 15	2020-06-15 14:38 (15)	112	76	75	15	36.8/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-06-30 14:53 (30)	105	66	68	14	37/ORAL CAVITY
	Day 29/ POST-DOSE	2020-06-30 16:57 (1)	106	66	59	15	36.8/ORAL CAVITY
	Day 36	2020-07-07 14:34 (8)	106	69	65	14	36.8/ORAL CAVITY
	Day 43	2020-07-14 14:41 (15)	113	77	61	16	36.7/ORAL CAVITY
	Day 57	2020-07-28 14:45 (29)	117	70	72	16	36.8/ORAL CAVITY
US2031057	Screening	2020-05-28 15:07 (-6)	130	87	47	14	36.5/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-03 10:07 (1)	115	75	58	16	36.9/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-03 11:57 (1)	116	79	51	15	36.9/ORAL CAVITY
	Day 8	2020-06-10 10:06 (8)	132	86	55	15	36.6/ORAL CAVITY
	Day 15	2020-06-17 09:06 (15)	128	81	53	17	36.5/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-01 07:35 (29)	114	67	49	15	36.5/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-01 09:26 (1)	126	83	47	15	36.6/ORAL CAVITY
	Day 36	2020-07-08 08:48 (8)	110	62	48	14	36.5/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2031057	Day 43	2020-07-15 08:39 (15)	111	74	50	15	36.4/ORAL CAVITY
	Day 57	2020-07-30 09:03 (30)	116	82	53	16	36.5/ORAL CAVITY
US2031063	Screening	2020-05-28 17:24 (-5)	132	72	68	15	36.9/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-02 15:58 (1)	136	77	78	15	37/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-02 17:45 (1)	120	76	62	16	36.6/ORAL CAVITY
	Day 8	2020-06-09 12:06 (8)	122	76	76	16	36.6/ORAL CAVITY
	Day 15	2020-06-16 12:05 (15)	138	91	67	16	36.8/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-02 15:33 (31)	118	74	64	16	36.9/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-02 17:40 (1)	126	75	73	16	37.1/ORAL CAVITY
	Day 36	2020-07-10 10:55 (9)	121	82	62	16	36.9/ORAL CAVITY
	Day 43	2020-07-14 11:47 (13)	139	74	63	16	36.8/ORAL CAVITY
	Day 57	2020-07-28 11:48 (27)	132	78	77	15	36.9/ORAL CAVITY
US2031066	Screening	2020-05-29 08:59 (-4)	94	78	73	17	36.7/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-02 08:31 (1)	88	66	75	16	36.8/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-02 10:37 (1)	95	71	68	16	36.7/ORAL CAVITY
	Day 8	2020-06-09 09:13 (8)	89	73	78	14	36.8/ORAL CAVITY
	Day 15	2020-06-16 08:36 (15)	99	75	80	16	36.8/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2031066	Day 29/ PRE-DOSE	2020-06-30 10:06 (29)	93	74	84	16	36.7/ORAL CAVITY
	Day 29/ POST-DOSE	2020-06-30 11:55 (1)	98	75	63	15	36.8/ORAL CAVITY
	Day 36	2020-07-07 12:37 (8)	101	71	66	17	36.7/ORAL CAVITY
	Day 43	2020-07-14 10:05 (15)	101	73	61	16	36.9/ORAL CAVITY
	Day 57	2020-07-29 08:40 (30)	94	77	83	16	36.8/ORAL CAVITY
US2031072	Screening	2020-05-29 13:09 (-5)	148	96	78	16	36.8/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-03 11:40 (1)	142	82	72	16	36.7/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-03 13:45 (1)	138	78	70	15	36.8/ORAL CAVITY
	Day 8	2020-06-11 11:51 (9)	148	80	73	16	36.6/ORAL CAVITY
	Day 15	2020-06-22 13:02 (20)	134	74	85	16	37.1/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-06 11:39 (34)	136	82	82	16	36.9/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-06 13:24 (1)	127	79	63	15	37/ORAL CAVITY
	Day 36	2020-07-13 08:34 (8)	130	88	78	16	36.8/ORAL CAVITY
	Day 43	2020-07-23 11:36 (18)	136	80	58	17	36.8/ORAL CAVITY
	Day 57	2020-08-07 14:10 (33)	140	88	78	14	36.5/ORAL CAVITY
US2031080	Screening	2020-06-02 11:45 (-2)	93	72	68	15	36.7/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-04 13:19 (1)	100	70	79	15	36.6/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2031080	Day 1/ POST-DOSE	2020-06-04 15:22 (1)	94	67	61	15	36.9/ORAL CAVITY
	Day 8	2020-06-11 13:20 (8)	105	76	77	14	36.4/ORAL CAVITY
	Day 15	2020-06-16 08:02 (13)	87	69	62	15	36.8/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-02 13:44 (29)	91	67	67	14	36.8/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-02 15:51 (1)	93	71	64	14	37.2/ORAL CAVITY
	Day 36	2020-07-09 14:01 (8)	92	74	75	16	36.8/ORAL CAVITY
	Day 43	2020-07-16 12:52 (15)	92	59	70	16	36.8/ORAL CAVITY
	Day 57	2020-08-06 13:06 (36)	113	89	74	16	36.7/ORAL CAVITY
US2041002	Screening	2020-05-26 08:19 (-7)	129	75	75	14	36.7/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-02 10:05 (1)	110	75	83	14	36.9/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-02 12:15 (1)	125	82	66	14	36.7/ORAL CAVITY
	Day 8	2020-06-09 08:10 (8)	127	70	80	12	36.4/ORAL CAVITY
	Day 15	2020-06-16 08:09 (15)	120	72	86	14	36.9/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-06-30 09:05 (29)	110	60	93	14	36.8/ORAL CAVITY
	Day 29/ POST-DOSE	2020-06-30 11:24 (1)	147	91	64	14	36.4/ORAL CAVITY
	Day 36	2020-07-07 09:00 (8)	127	64	81	12	36.8/ORAL CAVITY
	Day 43	2020-07-14 08:03 (15)	131	69	70	10	36.9/ORAL CAVITY
	Day 57	2020-07-28 08:44 (29)	132	80	86	16	36.8/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2041003	Screening	2020-05-26 07:55 (-7)	105	61	70	14	36.6/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-02 14:57 (1)	122	75	73	15	37.4/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-02 16:42 (1)	137	68	70	14	36.3/ORAL CAVITY
	Day 8	2020-06-09 14:55 (8)	119	73	68	12	36.8/ORAL CAVITY
	Day 15	2020-06-16 15:35 (15)	107	63	81	12	36.8/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-06-30 14:52 (29)	120	62	81	14	37.1/ORAL CAVITY
	Day 29/ POST-DOSE	2020-06-30 16:45 (1)	124	66	75	12	36.5/ORAL CAVITY
	Day 36	2020-07-07 14:25 (8)	112	83	83	16	36.8/ORAL CAVITY
	Day 43	2020-07-14 14:01 (15)	133	83	93	14	36.8/ORAL CAVITY
	Day 57	2020-07-28 14:05 (29)	130	77	86	12	37.1/ORAL CAVITY
US2041006	Screening	2020-05-26 09:37 (-7)	136	83	77	15	37.2/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-02 09:19 (1)	131	83	82	16	36.8/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-02 11:18 (1)	135	83	60	14	37/ORAL CAVITY
	Day 8	2020-06-09 09:11 (8)	126	77	72	12	36.7/ORAL CAVITY
	Day 15	2020-06-16 09:07 (15)	114	66	63	12	36.4/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-02 09:59 (31)	131	86	68	12	36.7/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-02 11:55 (1)	118	80	56	14	36.4/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2041006	Day 36	2020-07-09 09:02 (8)	118	76	60	16	36.7/ORAL CAVITY
	Day 43	2020-07-16 09:14 (15)	131	86	63	14	36.6/ORAL CAVITY
	Day 57	2020-07-30 10:37 (29)	117	69	62	14	36.8/ORAL CAVITY
US2041007	Screening	2020-05-26 09:21 (-6)	116	77	69	15	36.6/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-01 10:12 (1)	123	76	75	14	37/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-01 12:09 (1)	135	85	65	14	37.2/ORAL CAVITY
	Day 8	2020-06-08 09:42 (8)	134	68	90	12	37/ORAL CAVITY
	Day 15	2020-06-15 09:50 (15)	139	82	81	12	36.9/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-06-29 10:10 (29)	132	84	76	14	36.8/ORAL CAVITY
	Day 29/ POST-DOSE	2020-06-29 12:25 (1)	135	83	71	12	36.9/ORAL CAVITY
	Day 36	2020-07-07 08:21 (9)	139	76	79	12	36.9/ORAL CAVITY
	Day 43	2020-07-13 09:25 (15)	133	83	73	12	36.8/ORAL CAVITY
	Day 57	2020-07-27 09:18 (29)	125	85	83	14	36.9/ORAL CAVITY
US2041012	Screening	2020-05-26 11:27 (-7)	102	65	59	12	37.2/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-02 07:12 (1)	106	76	63	14	36.7/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-02 09:45 (1)	116	73	62	14	36/ORAL CAVITY
	Day 8	2020-06-09 12:05 (8)	111	74	63	12	36.9/ORAL CAVITY
	Day 15	2020-06-16 16:00 (15)	116	80	62	12	36.8/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2041012	Day 29/ PRE-DOSE	2020-07-07 13:10 (36)	112	80	69	12	36.9/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-07 15:05 (1)	112	68	68	16	36.8/ORAL CAVITY
	Day 36	2020-07-16 13:08 (10)	112	72	57	14	36.6/ORAL CAVITY
	Day 43	2020-07-23 13:15 (17)	119	78	57	12	36.6/ORAL CAVITY
	Day 57	2020-08-06 13:10 (31)	107	64	60	12	36.9/ORAL CAVITY
US2041013	Screening	2020-05-26 13:05 (-3)	118	83	65	15	37.1/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-05-29 15:05 (1)	115	71	67	14	37/ORAL CAVITY
	Day 1/ POST-DOSE	2020-05-29 17:16 (1)	122	74	55	16	37/ORAL CAVITY
	Day 8	2020-06-05 10:00 (8)	113	68	63	14	37.2/ORAL CAVITY
	Day 15	2020-06-12 10:17 (15)	111	67	60	12	37.1/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-06-29 10:00 (32)	127	77	60	12	36.7/ORAL CAVITY
	Day 29/ POST-DOSE	2020-06-29 12:15 (1)	132	86	55	12	36.9/ORAL CAVITY
	Day 36	2020-07-08 10:14 (10)	118	75	75	16	37/ORAL CAVITY
	Day 43	2020-07-15 08:14 (17)	107	72	75	14	37/ORAL CAVITY
	Day 57	2020-07-27 08:25 (29)	123	80	71	14	37.1/ORAL CAVITY
US2041016	Screening	2020-05-26 13:54 (-7)	111	80	95	14	36.6/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-02 15:24 (1)	139	87	99	14	36.6/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2041016	Day 1/ POST-DOSE	2020-06-02 17:28 (1)	130	85	76	16	35.8/ORAL CAVITY
	Day 8	2020-06-10 14:37 (9)	137	93	101	14	36.8/ORAL CAVITY
	Day 15	2020-06-17 11:30 (16)	130	91	99	14	36.5/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-14 12:55 (43)	135	80	84	14	36.5/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-14 14:22 (1)	149	91	84	14	36.7/ORAL CAVITY
	Day 36	2020-07-21 08:55 (8)	136	90	98	14	36.8/ORAL CAVITY
	Day 43	2020-07-28 08:30 (15)	133	92	99	14	36.5/ORAL CAVITY
	Day 57	2020-08-12 12:06 (30)	127	81	82	16	36.7/ORAL CAVITY
US2041023	Screening	2020-05-27 07:30 (-5)	138	88	79	16	36.9/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-01 15:37 (1)	134	86	68	12	36.9/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-01 17:33 (1)	145	75	78	14	36.9/ORAL CAVITY
	Day 8	2020-06-08 15:45 (8)	141	77	80	12	36.9/ORAL CAVITY
	Day 15	2020-06-15 15:30 (15)	143	81	69	14	36.7/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-06-29 15:28 (29)	140	82	72	14	36.6/ORAL CAVITY
	Day 29/ POST-DOSE	2020-06-29 17:35 (1)	150	78	69	14	37/ORAL CAVITY
	Day 36	2020-07-07 09:10 (9)	121	83	85	16	37.1/ORAL CAVITY
	Day 43	2020-07-15 08:20 (17)	130	74	84	14	36.9/ORAL CAVITY
	Day 57	2020-07-27 11:46 (29)	133	88	96	14	37.2/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2041027	Screening	2020-05-27 09:57 (-5)	121	82	91	14	36.8/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-01 12:05 (1)	118	78	88	14	36.9/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-01 14:05 (1)	119	79	89	15	36.9/ORAL CAVITY
	Day 8	2020-06-08 09:57 (8)	107	68	87	14	37.1/ORAL CAVITY
	Day 15	2020-06-15 10:16 (15)	113	76	84	12	37.1/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-06-29 10:08 (29)	109	78	85	14	37.3/ORAL CAVITY
	Day 29/ POST-DOSE	2020-06-29 11:59 (1)	114	70	78	14	36.8/ORAL CAVITY
	Day 36	2020-07-06 10:16 (8)	111	71	76	14	36.7/ORAL CAVITY
	Day 43	2020-07-13 10:10 (15)	103	76	71	14	36.7/ORAL CAVITY
	Day 57	2020-07-27 14:06 (29)	111	71	87	14	36.9/ORAL CAVITY
US2041030	Screening	2020-05-27 11:39 (-5)	115	75	73	14	36.9/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-01 13:35 (1)	112	69	100	14	37.2/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-01 15:54 (1)	125	76	61	14	37.2/ORAL CAVITY
	Day 8	2020-06-08 11:05 (8)	124	75	70	12	37.1/ORAL CAVITY
	Day 15	2020-06-15 11:09 (15)	121	71	59	14	37/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-06-30 13:15 (30)	133	74	69	14	37.2/ORAL CAVITY
	Day 29/ POST-DOSE	2020-06-30 15:45 (1)	113	72	59	12	37.1/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2041030	Day 36	2020-07-08 11:00 (9)	120	76	77	16	37.1/ORAL CAVITY
	Day 43	2020-07-14 14:14 (15)	124	76	79	14	37.1/ORAL CAVITY
	Day 57	2020-07-28 13:33 (29)	114	69	63	14	37.1/ORAL CAVITY
US2041036	Screening	2020-05-27 13:37 (-6)	108	76	81	12	36.9/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-02 06:51 (1)	99	69	71	14	37.1/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-02 09:08 (1)	97	49	66	14	36.6/ORAL CAVITY
	Day 8	2020-06-09 07:01 (8)	100	71	73	14	36.8/ORAL CAVITY
	Day 15	2020-06-16 07:20 (15)	105	73	82	12	37.1/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-06-30 07:03 (29)	100	68	67	14	37.1/ORAL CAVITY
	Day 29/ POST-DOSE	2020-06-30 09:54 (1)	101	81	75	14	37/ORAL CAVITY
	Day 36	2020-07-07 07:35 (8)	96	62	74	14	36.9/ORAL CAVITY
	Day 43	2020-07-14 07:10 (15)	90	63	69	12	36.7/ORAL CAVITY
	Day 57	2020-07-28 07:06 (29)	93	65	79	14	36.7/ORAL CAVITY
US2041047	Screening	2020-05-28 08:12 (-5)	129	78	67	14	37/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-02 07:38 (1)	116	67	60	14	36.7/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-02 09:34 (1)	125	80	53	15	36.9/ORAL CAVITY
	Day 8	2020-06-09 07:20 (8)	130	83	60	12	36.6/ORAL CAVITY
	Day 15	2020-06-16 07:30 (15)	129	71	69	14	37.3/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2041047	Day 29/ PRE-DOSE	2020-06-30 07:18 (29)	120	72	58	14	36.9/ORAL CAVITY
	Day 29/ POST-DOSE	2020-06-30 09:57 (1)	124	83	53	14	36.8/ORAL CAVITY
	Day 36	2020-07-07 08:10 (8)	117	64	61	12	36.8/ORAL CAVITY
	Day 43	2020-07-15 08:10 (16)	123	66	62	14	36.5/ORAL CAVITY
	Day 57	2020-08-04 09:35 (36)	123	73	57	12	36.9/ORAL CAVITY
US2041049	Screening	2020-05-28 09:39 (-7)	92	63	84	15	37.3/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-04 13:57 (1)	104	64	95	12	37.4/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-04 15:52 (1)	95	61	75	12	36.8/ORAL CAVITY
	Day 8	2020-06-11 14:17 (8)	101	67	79	12	37.1/ORAL CAVITY
	Day 15	2020-06-18 14:10 (15)	97	65	77	12	37/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-14 15:15 (41)	96	65	73	14	37.1/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-14 17:02 (1)	108	79	68	14	37.1/ORAL CAVITY
	Day 36	2020-07-22 11:15 (9)	100	67	80	12	36.9/ORAL CAVITY
	Day 43	2020-07-28 11:32 (15)	96	59	73	14	36.9/ORAL CAVITY
	Day 57	2020-08-11 11:16 (29)	107	70	66	14	36.7/ORAL CAVITY
US2041051	Screening	2020-05-28 09:26 (-5)	112	70	85	13	37.1/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-02 13:07 (1)	115	70	85	14	37.4/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2041051	Day 1/ POST-DOSE	2020-06-02 15:11 (1)	113	74	65	14	37.1/ORAL CAVITY
	Day 8	2020-06-09 10:10 (8)	110	71	80	12	36.9/ORAL CAVITY
	Day 15	2020-06-15 11:00 (14)	121	69	81	12	37.1/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-06-30 11:07 (29)	109	69	80	14	36.7/ORAL CAVITY
	Day 29/ POST-DOSE	2020-06-30 12:58 (1)	110	77	65	12	37/ORAL CAVITY
	Day 36	2020-07-07 10:06 (8)	102	71	77	14	37.1/ORAL CAVITY
	Day 43	2020-07-14 10:12 (15)	101	67	82	14	36.9/ORAL CAVITY
	Day 57	2020-07-27 10:30 (28)	110	68	80	14	37.3/ORAL CAVITY
US2041053	Screening	2020-05-28 10:52 (-5)	132	85	62	14	37.2/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-02 11:45 (1)	119	68	70	15	37.7/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-02 13:42 (1)	127	71	62	14	36.7/ORAL CAVITY
	Day 8	2020-06-11 09:10 (10)	135	71	68	14	36.8/ORAL CAVITY
	Day 15	2020-06-22 08:12 (21)	118	73	88	14	37.1/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-07 15:05 (36)	138	81	89	14	37.2/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-07 17:00 (1)	148	75	63	14	37.2/ORAL CAVITY
	Day 36	2020-07-14 16:45 (8)	136	70	68	14	37/ORAL CAVITY
	Day 43	2020-07-23 08:25 (17)	108	70	76	14	36.7/ORAL CAVITY
	Day 57	2020-08-10 08:40 (35)	128	77	64	12	36.6/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2041055	Screening	2020-05-28 11:19 (-6)	110	75	77	12	36/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-03 10:08 (1)	109	75	99	12	37.1/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-03 12:02 (1)	111	82	80	12	36.4/ORAL CAVITY
	Day 8	2020-06-10 13:10 (8)	112	69	85	12	36.9/ORAL CAVITY
	Day 15	2020-06-25 16:31 (23)	110	73	90	14	36.9/ORAL CAVITY
US2041058	Screening	2020-05-28 14:19 (-6)	128	77	75	12	37.3/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-03 13:09 (1)	132	87	83	15	36.9/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-03 14:57 (1)	130	88	69	12	35.7/ORAL CAVITY
	Day 8	2020-06-10 12:58 (8)	136	85	74	14	36.7/ORAL CAVITY
	Day 15	2020-06-17 13:17 (15)	133	89	89	14	36.8/ORAL CAVITY
US2041064	Screening	2020-05-28 16:33 (-11)	134	88	62	15	37.2/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-08 15:54 (1)	107	71	69	14	37.1/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-08 17:52 (1)	107	78	61	12	37.5/ORAL CAVITY
	Day 8	2020-06-15 16:55 (8)	123	79	67	14	36.9/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-14 15:25 (37)	98	68	57	14	36.9/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-14 17:21 (1)	105	63	59	14	36.9/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2041064	Day 36	2020-07-22 09:00 (9)	98	68	79	14	37.1/ORAL CAVITY
US2041071	Screening	2020-05-29 07:42 (-4)	129	82	66	14	37.2/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-02 17:16 (1)	135	85	60	12	37.2/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-02 19:07 (1)	130	81	55	14	37.2/ORAL CAVITY
	Day 8	2020-06-12 10:08 (11)	139	89	60	12	37.1/ORAL CAVITY
	Day 15	2020-06-19 09:55 (18)	136	88	59	12	36.8/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-06 15:48 (35)	123	73	56	16	36.8/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-06 17:30 (1)	126	90	50	12	36.8/ORAL CAVITY
	Day 36	2020-07-14 07:07 (9)	123	77	59	14	36.9/ORAL CAVITY
	Day 43	2020-07-17 10:13 (12)	120	80	72	14	36.9/ORAL CAVITY
	Day 57	2020-08-07 10:25 (33)	138	80	80	12	37.1/ORAL CAVITY
US2041075	Screening	2020-05-29 10:38 (-4)	136	69	57	16	37/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-02 11:25 (1)	135	78	65	14	36.8/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-02 13:16 (1)	131	77	58	14	37/ORAL CAVITY
	Day 8	2020-06-10 10:05 (9)	130	65	64	14	36.8/ORAL CAVITY
	Day 15	2020-06-17 10:11 (16)	117	70	77	14	36.5/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-01 10:16 (30)	138	66	63	14	37/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2041075	Day 29/ POST-DOSE	2020-07-01 12:46 (1)	130	82	58	14	36.4/ORAL CAVITY
	Day 36	2020-07-13 08:10 (13)	128	78	78	16	36.9/ORAL CAVITY
	Day 43	2020-07-21 10:33 (21)	125	69	69	14	36.8/ORAL CAVITY
	Day 57	2020-07-28 11:38 (28)	137	73	55	14	36.9/ORAL CAVITY
US2041076	Screening	2020-05-29 10:43 (-4)	126	87	69	14	37.5/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-02 10:55 (1)	119	88	71	14	37/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-02 13:00 (1)	115	78	76	15	36.9/ORAL CAVITY
	Day 8	2020-06-09 11:00 (8)	122	83	79	12	37.3/ORAL CAVITY
	Day 15	2020-06-16 10:50 (15)	135	89	87	12	37/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-06 11:03 (35)	118	81	86	14	37.2/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-06 13:41 (1)	120	84	70	12	37.2/ORAL CAVITY
	Day 36	2020-07-14 10:59 (9)	118	83	77	14	36.9/ORAL CAVITY
	Day 43	2020-07-21 11:35 (16)	117	81	73	16	37/ORAL CAVITY
	Day 57	2020-08-05 11:14 (31)	123	79	88	14	37.2/ORAL CAVITY
US2041077	Screening	2020-05-29 10:55 (-5)	110	78	61	15	37/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-03 13:24 (1)	130	89	80	12	36.5/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-03 15:27 (1)	132	90	65	12	36.5/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2041077	Day 8	2020-06-10 14:03 (8)	130	94	79	14	37/ORAL CAVITY
	Day 15	2020-06-17 14:06 (15)	136	88	77	14	36.6/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-01 09:59 (29)	130	80	76	14	36/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-01 12:12 (1)	128	88	70	14	37.2/ORAL CAVITY
	Day 36	2020-07-10 13:20 (10)	148	94	81	16	36.7/ORAL CAVITY
	Day 43	2020-07-14 13:47 (14)	165	95	80	16	37.6/ORAL CAVITY
	Day 57	2020-07-27 13:25 (27)	140	89	78	14	36.8/ORAL CAVITY
US2041088	Screening	2020-06-05 09:28 (-3)	130	81	64	12	37.1/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-08 14:20 (1)	132	65	77	12	36.4/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-08 16:25 (1)	136	75	79	14	36.6/ORAL CAVITY
	Day 8	2020-06-17 14:10 (10)	125	66	79	12	36.4/ORAL CAVITY
	Day 15	2020-06-24 14:06 (17)	128	69	69	12	36.4/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-10 13:10 (33)	131	76	70	12	36.4/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-10 14:58 (1)	120	71	55	12	36.7/ORAL CAVITY
	Day 36	2020-07-20 13:06 (11)	125	70	71	14	36.5/ORAL CAVITY
	Day 43	2020-07-27 14:38 (18)	127	78	62	14	36.9/ORAL CAVITY
	Day 57	2020-08-10 14:56 (32)	98	68	88	14	36.8/ORAL CAVITY
US2041091	Screening	2020-06-05 09:45 (-5)	123	65	78	12	37.1/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2041091	Day 1/ PRE-DOSE	2020-06-10 10:57 (1)	99	55	50	14	37.1/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-10 13:12 (1)	114	63	58	12	36.9/ORAL CAVITY
	Day 8	2020-06-17 14:02 (8)	119	62	51	12	37.1/ORAL CAVITY
	Day 15	2020-06-24 14:12 (15)	122	63	55	12	36.7/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-10 13:08 (31)	107	60	59	12	36.4/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-10 15:11 (1)	116	60	44	12	36.7/ORAL CAVITY
	Day 43	2020-07-27 14:40 (18)	98	62	69	14	36.8/ORAL CAVITY
	Day 57	2020-08-10 15:10 (32)	112	62	64	12	36.7/ORAL CAVITY
US2041092	Screening	2020-06-05 10:51 (-3)	132	81	68	16	36.4/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-08 15:13 (1)	146	90	73	14	36.9/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-08 17:10 (1)	147	89	63	14	36.8/ORAL CAVITY
	Day 8	2020-06-15 15:07 (8)	138	81	66	16	37.1/ORAL CAVITY
	Day 15	2020-06-22 15:05 (15)	145	89	57	14	36.7/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-14 11:23 (37)	129	80	71	16	36.9/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-14 14:06 (1)	149	89	55	16	36.4/ORAL CAVITY
	Day 36	2020-07-22 08:21 (9)	128	83	63	14	36.9/ORAL CAVITY
	Day 43	2020-07-27 09:23 (14)	128	68	60	16	36.4/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2041092	Day 57	2020-08-10 15:40 (28)	125	73	73	14	36.8/ORAL CAVITY
US2051008	Screening	2020-05-26 14:13 (-3)	116	79	63	12	36.9/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-05-29 11:41 (1)	118	73	64	15	36.7/ORAL CAVITY
	Day 1/ POST-DOSE	2020-05-29 14:14 (1)	110	70	62	15	36.6/ORAL CAVITY
	Day 8	2020-06-05 10:27 (8)	122	81	73	14	36.9/ORAL CAVITY
	Day 15	2020-06-12 11:26 (15)	128	81	72	15	36.7/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-06-30 09:03 (33)	130	83	66	16	36.8/ORAL CAVITY
	Day 29/ POST-DOSE	2020-06-30 11:21 (1)	151	99	58	16	36.4/ORAL CAVITY
	Day 36	2020-07-06 12:51 (7)	120	81	65	14	36.7/ORAL CAVITY
	Day 43	2020-07-13 09:23 (14)	132	90	65	16	36.8/ORAL CAVITY
	Day 57	2020-07-27 11:50 (28)	134	85	65	16	36.8/ORAL CAVITY
US2051009	Screening	2020-05-27 08:53 (-6)	127	76	76	16	36.5/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-02 08:36 (1)	111	71	85	16	36.8/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-02 11:45 (1)	110	88	93	15	36.2/ORAL CAVITY
	Day 8	2020-06-09 08:04 (8)	113	69	66	16	36.7/ORAL CAVITY
	Day 15	2020-06-16 08:07 (15)	104	59	75	16	36.3/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-06-30 08:05 (29)	109	73	73	16	35.7/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2051009	Day 29/ POST-DOSE	2020-06-30 09:58 (1)	113	64	67	16	36/ORAL CAVITY
	Day 36	2020-07-07 08:15 (8)	114	67	71	16	36.1/ORAL CAVITY
	Day 43	2020-07-14 08:11 (15)	105	62	81	14	37.1/ORAL CAVITY
	Day 57	2020-08-04 08:18 (36)	116	70	79	16	36.7/ORAL CAVITY
US2051010	Screening	2020-05-27 10:12 (-6)	104	76	69	12	36.9/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-02 12:45 (1)	107	68	71	14	36.6/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-02 14:37 (1)	104	65	68	15	36.3/ORAL CAVITY
	Day 8	2020-06-09 09:14 (8)	102	63	80	15	36.5/ORAL CAVITY
	Day 15	2020-06-16 10:14 (15)	98	63	71	15	36.8/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-06-30 09:53 (29)	105	66	78	16	36.9/ORAL CAVITY
	Day 29/ POST-DOSE	2020-06-30 11:47 (1)	107	75	61	15	35.8/ORAL CAVITY
	Day 36	2020-07-08 08:55 (9)	95	62	73	15	36.3/ORAL CAVITY
	Day 43	2020-07-15 08:50 (16)	101	73	71	16	37.1/ORAL CAVITY
	Day 57	2020-07-29 08:58 (30)	93	58	74	14	36.7/ORAL CAVITY
US2051011	Screening	2020-05-27 10:41 (-7)	130	78	82	14	37.4/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-03 12:07 (1)	126	81	82	16	36.4/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-03 14:09 (1)	135	78	63	16	36.9/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2051011	Day 8	2020-06-10 13:03 (8)	126	70	69	15	36.4/ORAL CAVITY
	Day 15	2020-06-17 13:13 (15)	126	72	72	14	36.9/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-07 09:35 (35)	111	78	67	16	37/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-07 11:33 (1)	127	74	67	16	36.5/ORAL CAVITY
	Day 36	2020-07-14 14:14 (8)	125	72	85	12	36.8/ORAL CAVITY
	Day 43	2020-07-17 11:12 (11)	124	70	75	14	36.8/ORAL CAVITY
	Day 57	2020-07-30 11:12 (24)	115	72	69	14	36.8/ORAL CAVITY
US2051018	Screening	2020-05-27 15:01 (-12)	115	69	78	15	36.7/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-08 08:28 (1)	129	80	65	12	36.7/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-08 10:29 (1)	125	85	63	16	36.7/ORAL CAVITY
	Day 8	2020-06-15 08:13 (8)	115	78	67	16	37/ORAL CAVITY
	Day 15	2020-06-22 08:12 (15)	117	75	61	16	36.8/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-07 14:10 (30)	113	70	68	15	36.8/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-07 16:12 (1)	123	76	59	15	37.2/ORAL CAVITY
	Day 36	2020-07-14 13:14 (8)	118	78	64	14	36.8/ORAL CAVITY
	Day 43	2020-07-22 09:08 (16)	113	70	66	12	36.3/ORAL CAVITY
	Day 57	2020-08-05 09:09 (30)	124	74	73	12	37.2/ORAL CAVITY
US2051027	Screening	2020-05-28 10:43 (-11)	101	65	69	14	36.9/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2051027	Day 1/ PRE-DOSE	2020-06-08 12:16 (1)	120	80	81	15	37/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-08 14:15 (1)	125	86	63	15	37/ORAL CAVITY
	Day 8	2020-06-15 10:23 (8)	111	74	78	16	37/ORAL CAVITY
	Day 15	2020-06-23 10:08 (16)	112	76	75	16	37.3/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-07 10:18 (30)	119	77	74	15	36.5/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-07 12:33 (1)	133	89	68	15	35.8/ORAL CAVITY
	Day 36	2020-07-14 10:27 (8)	116	76	70	16	36.7/ORAL CAVITY
	Day 43	2020-07-21 10:43 (15)	128	90	74	16	36.6/ORAL CAVITY
	Day 57	2020-07-31 10:28 (25)	106	79	89	16	37.1/ORAL CAVITY
US2051031	Screening	2020-05-28 12:47 (-5)	108	65	74	15	36.5/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-02 14:41 (1)	105	57	71	12	36.7/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-02 16:39 (1)	100	73	65	15	36.6/ORAL CAVITY
	Day 8	2020-06-11 12:15 (10)	144	74	72	14	36.5/ORAL CAVITY
	Day 15	2020-06-15 12:15 (14)	121	76	73	14	36.7/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-06-30 14:11 (29)	131	71	65	14	36.5/ORAL CAVITY
	Day 29/ POST-DOSE	2020-06-30 15:55 (1)	115	76	58	14	36.7/ORAL CAVITY
	Day 36	2020-07-07 14:13 (8)	113	74	67	15	36.9/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2051031	Day 43	2020-07-14 14:36 (15)	121	79	70	14	36.5/ORAL CAVITY
	Day 57	2020-07-28 14:43 (29)	128	67	64	12	36.4/ORAL CAVITY
US2051032	Screening	2020-05-28 13:35 (-5)	125	76	73	15	36.6/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-02 09:15 (1)	127	83	66	15	36.6/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-02 12:05 (1)	121	81	65	15	36.4/ORAL CAVITY
	Day 8	2020-06-10 08:45 (9)	104	69	82	16	36.9/ORAL CAVITY
	Day 15	2020-06-15 08:45 (14)	103	67	85	16	36.6/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-06-30 08:22 (29)	100	65	80	15	36.2/ORAL CAVITY
	Day 29/ POST-DOSE	2020-06-30 10:27 (1)	118	82	63	15	36.5/ORAL CAVITY
	Day 36	2020-07-08 08:25 (9)	112	76	72	15	36.8/ORAL CAVITY
	Day 43	2020-07-15 08:22 (16)	104	65	79	15	37.1/ORAL CAVITY
	Day 57	2020-07-27 09:12 (28)	96	65	74	15	36.3/ORAL CAVITY
US2051033	Screening	2020-05-28 14:04 (-7)	116	88	87	16	36.5/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-04 14:28 (1)	117	82	89	14	36.8/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-04 16:40 (1)	108	85	84	14	36.7/ORAL CAVITY
	Day 8	2020-06-12 11:53 (9)	125	83	60	15	36.8/ORAL CAVITY
	Day 15	2020-06-17 08:27 (14)	127	83	73	12	36.2/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2051033	Day 29/ PRE-DOSE	2020-07-07 09:27 (34)	127	86	93	14	36.9/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-07 11:16 (1)	117	88	61	15	36.6/ORAL CAVITY
	Unscheduled	2020-07-10 09:20 (4)	122	87	103	16	37.5/ORAL CAVITY
	Day 36	2020-07-14 08:55 (8)	120	86	92	14	36.8/ORAL CAVITY
	Day 43	2020-07-17 08:33 (11)	118	80	93	14	37/ORAL CAVITY
	Day 57	2020-07-28 15:15 (22)	141	87	79	15	35.9/ORAL CAVITY
US2051034	Screening	2020-05-28 13:43 (-6)	127	86	68	12	36.9/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-03 08:30 (1)	130	79	81	16	36.7/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-03 10:35 (1)	138	72	70	16	36.8/ORAL CAVITY
	Day 8	2020-06-10 12:17 (8)	134	81	93	16	37.3/ORAL CAVITY
	Day 15	2020-06-17 11:59 (15)	122	77	67	15	36.4/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-01 11:33 (29)	112	77	79	16	36.6/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-01 13:41 (1)	119	82	61	16	37/ORAL CAVITY
	Day 36	2020-07-08 11:26 (8)	122	82	81	14	36.4/ORAL CAVITY
	Day 43	2020-07-13 11:35 (13)	110	72	75	16	36.2/ORAL CAVITY
	Day 57	2020-07-29 11:52 (29)	125	88	71	12	36.1/ORAL CAVITY
US2051038	Screening	2020-05-29 08:46 (-5)	100	71	71	14	35.7/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2051038	Day 1/ PRE-DOSE	2020-06-03 14:58 (1)	108	67	88	15	36.5/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-03 17:17 (1)	104	73	76	15	36.7/ORAL CAVITY
	Day 8	2020-06-10 08:15 (8)	105	71	77	15	36.8/ORAL CAVITY
	Day 15	2020-06-16 08:11 (14)	106	67	78	14	37.2/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-02 13:47 (30)	118	72	92	16	37.1/ORAL CAVITY
US2051040	Screening	2020-05-29 12:40 (-7)	126	81	46	16	36.2/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-05 13:42 (1)	123	68	47	15	35.6/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-05 15:28 (1)	127	74	41	15	35.9/ORAL CAVITY
	Day 8	2020-06-12 10:59 (8)	121	77	42	12	36.9/ORAL CAVITY
	Day 15	2020-06-19 13:15 (15)	109	50	44	14	35.9/ORAL CAVITY
	Unscheduled	2020-06-22 13:13 (18)	133	70	50	12	36.7/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-07 13:09 (33)	109	56	52	15	36.6/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-07 15:11 (1)	120	78	89	15	36.1/ORAL CAVITY
	Day 36	2020-07-14 13:06 (8)	116	67	91	15	37.1/ORAL CAVITY
	Day 43	2020-07-21 14:11 (15)	118	63	48	15	37/ORAL CAVITY
	Day 57	2020-08-05 13:17 (30)	116	69	45	15	36.6/ORAL CAVITY
US2051042	Screening	2020-05-29 13:12 (-4)	145	91	67	15	37.1/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2051042	Day 1/ PRE-DOSE	2020-06-02 10:45 (1)	125	75	79	16	37.4/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-02 12:47 (1)	133	77	52	16	37.1/ORAL CAVITY
	Day 8	2020-06-09 14:41 (8)	128	81	61	16	36.6/ORAL CAVITY
	Day 15	2020-06-16 14:41 (15)	134	74	75	15	36.3/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-01 12:27 (30)	125	92	63	14	37.1/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-01 14:27 (1)	131	82	62	14	37.2/ORAL CAVITY
	Day 36	2020-07-08 14:45 (8)	124	79	65	15	37/ORAL CAVITY
	Day 43	2020-07-15 14:41 (15)	129	80	74	14	37.3/ORAL CAVITY
	Day 57	2020-07-29 14:53 (29)	130	84	60	14	37/ORAL CAVITY
US2051043	Screening	2020-05-29 13:47 (-5)	124	79	65	12	36.8/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-03 12:20 (1)	113	71	80	14	36.7/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-03 14:33 (1)	117	80	53	14	36.6/ORAL CAVITY
	Day 8	2020-06-10 13:53 (8)	112	72	60	14	36.7/ORAL CAVITY
	Day 15	2020-06-18 10:29 (16)	126	91	73	14	36.7/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-01 14:18 (29)	107	53	69	16	36.8/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-01 16:37 (1)	116	72	66	16	36.7/ORAL CAVITY
	Day 36	2020-07-08 15:30 (8)	122	80	63	14	36.2/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2051043	Day 43	2020-07-15 10:17 (15)	117	87	70	16	37.6/ORAL CAVITY
	Day 57	2020-07-27 12:44 (27)	115	53	76	16	36.8/ORAL CAVITY
US2051048	Screening	2020-06-03 16:01 (-6)	121	83	105	15	36.9/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-09 12:12 (1)	126	86	92	15	36.6/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-09 14:26 (1)	124	79	87	15	36.9/ORAL CAVITY
	Day 8	2020-06-16 13:26 (8)	116	72	96	16	36.2/ORAL CAVITY
	Day 15	2020-06-25 13:30 (17)	122	79	104	16	37.3/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-10 08:33 (32)	128	83	95	16	37.1/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-10 10:37 (1)	121	80	89	16	37.3/ORAL CAVITY
	Day 36	2020-07-15 13:32 (6)	113	76	62	15	36.8/ORAL CAVITY
	Day 43	2020-07-27 13:30 (18)	109	88	107	14	36.3/ORAL CAVITY
	Day 57	2020-08-05 13:26 (27)	108	70	85	14	36.8/ORAL CAVITY
US2051050	Screening	2020-06-04 15:25 (-4)	118	83	79	16	36.8/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-08 14:50 (1)	114	74	69	16	36.5/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-08 16:42 (1)	123	81	76	16	36.8/ORAL CAVITY
	Day 8	2020-06-16 14:56 (9)	100	72	65	16	36.9/ORAL CAVITY
	Day 15	2020-06-22 14:48 (15)	116	78	81	16	37/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2051050	Day 29/ PRE-DOSE	2020-07-08 08:11 (31)	125	82	81	16	36.4/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-08 10:01 (1)	114	81	71	15	36.3/ORAL CAVITY
	Day 36	2020-07-15 15:27 (8)	121	81	72	14	36.8/ORAL CAVITY
	Day 43	2020-07-21 09:49 (14)	112	74	71	14	36.1/ORAL CAVITY
	Day 57	2020-08-05 08:27 (29)	115	86	81	14	36.7/ORAL CAVITY
US2061001	Screening	2020-05-28 09:11 (-7)	99	71	80	16	36.9/ORAL CAVITY
	Unscheduled	2020-06-02 09:30 (-2)	111	73	83	16	36.6/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-04 17:16 (1)	116	76	78	14	36.9/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-04 19:17 (1)	120	85	67	14	37.3/ORAL CAVITY
	Day 8	2020-06-11 15:16 (8)	127	85	80	16	37.6/ORAL CAVITY
	Day 15	2020-06-18 08:13 (15)	122	77	68	16	37.1/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-10 13:08 (37)	128	81	75	16	37.4/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-10 15:41 (1)	134	84	72	16	37.4/ORAL CAVITY
	Day 36	2020-07-16 09:08 (7)	114	65	71	14	36.5/ORAL CAVITY
	Day 43	2020-07-27 12:06 (18)	126	81	83	16	36.7/ORAL CAVITY
	Day 57	2020-08-04 12:20 (26)	145	92	79	16	36.7/ORAL CAVITY
US2061006	Screening	2020-05-28 11:47 (-6)	96	77	84	16	36.4/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2061006	Day 1/ PRE-DOSE	2020-06-03 08:27 (1)	85	57	64	16	35.9/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-03 11:16 (1)	115	75	60	14	36.4/ORAL CAVITY
	Day 8	2020-06-10 09:22 (8)	99	62	65	16	36.8/ORAL CAVITY
	Day 15	2020-06-17 09:04 (15)	101	65	72	16	36.3/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-01 10:08 (29)	106	71	74	17	36.3/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-01 13:32 (1)	107	82	65	14	36.8/ORAL CAVITY
	Day 36	2020-07-08 11:11 (8)	101	81	77	16	36.3/ORAL CAVITY
	Day 43	2020-07-22 10:20 (22)	104	71	83	16	35.9/ORAL CAVITY
	Day 57	2020-07-29 09:51 (29)	112	74	75	16	36.7/ORAL CAVITY
US2061009	Screening	2020-05-28 14:50 (-6)	98	69	68	16	36.7/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-03 17:23 (1)	103	80	72	16	36.4/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-03 19:16 (1)	119	81	66	16	36.4/ORAL CAVITY
	Day 8	2020-06-10 13:29 (8)	106	72	81	16	36.8/ORAL CAVITY
	Day 15	2020-06-18 11:20 (16)	114	85	70	15	37/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-07 13:21 (35)	97	64	78	16	36.4/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-07 15:23 (1)	105	73	63	14	36.6/ORAL CAVITY
	Day 36	2020-07-16 10:15 (10)	106	73	78	16	36.7/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2061009	Day 43	2020-07-22 13:41 (16)	100	74	78	16	36.5/ORAL CAVITY
	Day 57	2020-08-04 13:00 (29)	109	67	70	16	36.3/ORAL CAVITY
US2061011	Screening	2020-05-28 16:12 (-6)	122	80	77	16	36.7/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-03 13:16 (1)	123	78	78	15	36.5/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-03 15:30 (1)	130	89	65	16	36.4/ORAL CAVITY
	Day 8	2020-06-10 13:06 (8)	120	82	82	16	37.1/ORAL CAVITY
	Day 15	2020-06-19 11:40 (17)	130	89	70	16	36.6/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-06 13:09 (34)	148	95	77	16	36.7/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-06 15:51 (1)	133	88	78	16	36.8/ORAL CAVITY
	Day 36	2020-07-13 14:04 (8)	113	81	92	16	36.6/ORAL CAVITY
	Day 43	2020-07-21 14:52 (16)	124	78	80	16	37.1/ORAL CAVITY
	Day 57	2020-08-10 13:17 (36)	113	73	83	16	37.1/ORAL CAVITY
US2061013	Screening	2020-05-28 17:47 (-8)	117	70	81	16	36.7/ORAL CAVITY
	Unscheduled	2020-06-01 16:31 (-4)	100	72	68	16	36.7/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-05 08:07 (1)	117	62	72	16	36.5/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-05 10:07 (1)	115	81	59	16	36.5/ORAL CAVITY
	Day 8	2020-06-12 16:01 (8)	110	61	64	16	36.5/ORAL CAVITY
	Day 15	2020-06-16 16:02 (12)	121	75	67	14	36.6/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2061013	Day 29/ PRE-DOSE	2020-07-06 13:18 (32)	114	67	74	17	36.2/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-06 15:35 (1)	103	76	60	14	36.5/ORAL CAVITY
	Day 36	2020-07-13 16:06 (8)	113	72	69	16	36.6/ORAL CAVITY
	Day 43	2020-07-20 16:05 (15)	113	78	73	16	36.8/ORAL CAVITY
	Day 57	2020-08-04 10:06 (30)	115	81	73	16	36.6/ORAL CAVITY
US2061019	Screening	2020-05-29 09:32 (-5)	111	90	66	14	36.7/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-03 17:19 (1)	104	76	85	16	36.8/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-03 19:27 (1)	125	94	74	16	36.7/ORAL CAVITY
	Day 8	2020-06-12 13:11 (10)	115	88	68	16	36.5/ORAL CAVITY
	Day 15	2020-06-15 13:02 (13)	108	76	82	16	36.5/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-01 13:12 (29)	105	83	94	16	36.7/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-01 15:31 (1)	112	77	63	16	36.8/ORAL CAVITY
	Day 36	2020-07-08 13:17 (8)	104	87	68	16	36.3/ORAL CAVITY
	Day 43	2020-07-20 13:11 (20)	105	79	74	16	36.1/ORAL CAVITY
	Day 57	2020-07-29 13:37 (29)	106	77	78	16	36.2/ORAL CAVITY
US2061026	Screening	2020-06-02 10:00 (-3)	132	83	58	16	36.6/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-05 10:09 (1)	127	74	57	14	35.7/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2061026	Day 1/ POST-DOSE	2020-06-05 12:29 (1)	135	75	49	16	36.1/ORAL CAVITY
	Day 8	2020-06-12 09:07 (8)	109	69	59	16	36.5/ORAL CAVITY
	Day 15	2020-06-19 09:28 (15)	114	69	63	16	36.3/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-07 09:54 (33)	128	86	52	16	36.1/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-07 12:26 (1)	116	81	51	16	36.5/ORAL CAVITY
	Day 36	2020-07-14 09:06 (8)	113	63	57	20	36.5/ORAL CAVITY
	Day 43	2020-07-21 09:27 (15)	115	64	58	17	36.3/ORAL CAVITY
	Day 57	2020-08-04 09:20 (29)	122	82	66	14	36.6/ORAL CAVITY
US2071001	Screening	2020-05-22 13:04 (-7)	118	78	68	16	37.1/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-05-29 13:14 (1)	100	78	64	16	36.9/ORAL CAVITY
	Day 1/ POST-DOSE	2020-05-29 17:13 (1)	100	70	70	16	36.7/ORAL CAVITY
	Day 8	2020-06-05 12:26 (8)	118	60	68	16	36.8/ORAL CAVITY
	Day 15	2020-06-10 12:50 (13)	120	64	80	14	36.6/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-06-30 12:38 (33)	118	78	80	16	36.4/ORAL CAVITY
	Day 29/ POST-DOSE	2020-06-30 14:39 (1)	120	78	74	16	36.9/ORAL CAVITY
	Day 36	2020-07-10 12:35 (11)	118	60	62	14	36.5/ORAL CAVITY
	Day 43	2020-07-17 10:04 (18)	118	72	62	12	36.5/ORAL CAVITY
	Day 57	2020-07-27 09:14 (28)	110	74	88	14	37.5/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2071003	Screening	2020-05-22 13:22 (-10)	122	80	92	14	36.5/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-01 09:07 (1)	114	74	88	16	36.4/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-01 12:06 (1)	108	72	90	14	36.5/ORAL CAVITY
	Day 8	2020-06-09 08:35 (9)	108	76	86	12	36.1/ORAL CAVITY
	Day 15	2020-06-15 15:07 (15)	118	78	76	14	36.4/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-06-30 12:08 (30)	130	76	88	14	37.1/ORAL CAVITY
	Day 29/ POST-DOSE	2020-06-30 14:45 (1)	124	78	82	16	36.6/ORAL CAVITY
	Day 36	2020-07-10 11:24 (11)	108	58	80	14	36.8/ORAL CAVITY
	Day 43	2020-07-14 07:42 (15)	126	76	80	16	36.6/ORAL CAVITY
	Day 57	2020-07-27 10:26 (28)	132	80	88	14	37/ORAL CAVITY
US2071004	Screening	2020-05-25 09:44 (-10)	120	78	72	16	37/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-04 08:29 (1)	128	80	68	12	36.7/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-04 10:27 (1)	126	84	74	12	36.4/ORAL CAVITY
	Day 8	2020-06-11 08:07 (8)	124	84	80	16	36.6/ORAL CAVITY
	Day 15	2020-06-17 08:11 (14)	126	84	80	16	36.8/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-08 08:17 (35)	122	84	76	16	36.4/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-08 10:19 (1)	122	86	76	18	36.9/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2071004	Day 36	2020-07-17 08:25 (10)	126	86	64	16	36.4/ORAL CAVITY
	Day 43	2020-07-22 08:08 (15)	126	84	76	14	36.4/ORAL CAVITY
	Day 57	2020-08-06 16:16 (30)	136	86	80	14	36.5/ORAL CAVITY
US2071029	Screening	2020-05-26 16:25 (-10)	110	86	86	17	36.9/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-05 15:48 (1)	112	60	62	16	36.6/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-05 18:05 (1)	118	62	60	14	36.7/ORAL CAVITY
	Day 8	2020-06-12 13:18 (8)	108	68			36.2/ORAL CAVITY
	Day 15	2020-06-19 11:00 (15)	119	78	80	16	36.6/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-10 16:08 (36)	118	68	60	16	36.6/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-10 17:41 (1)	124	70	68	16	36.8/ORAL CAVITY
	Day 36	2020-07-17 09:32 (8)	108	60	66	14	36.7/ORAL CAVITY
	Day 43	2020-07-27 17:55 (18)	122	62	62	14	36.7/ORAL CAVITY
	Day 57	2020-08-05 17:15 (27)	122	64	60	16	36.6/ORAL CAVITY
US2071030	Screening	2020-05-26 16:56 (-8)	104	68	72	16	36.6/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-03 16:12 (1)	110	76	78	14	36.5/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-03 18:17 (1)	98	68	68	12	36.4/ORAL CAVITY
	Day 8	2020-06-10 16:20 (8)	110	76	80	16	36.7/ORAL CAVITY
	Day 15	2020-06-15 11:42 (13)	114	74	78	16	36.8/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2071030	Day 29/ PRE-DOSE	2020-07-06 16:29 (34)	122	76	88	14	36.8/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-06 18:15 (1)	112	72	68	14	37.2/ORAL CAVITY
	Day 36	2020-07-14 16:14 (9)	138	78	88	14	37.1/ORAL CAVITY
	Day 57	2020-08-11 16:06 (37)	119	78	78	12	36.8/ORAL CAVITY
US2071032	Screening	2020-05-27 08:46 (-12)	126	78	76	14	36.5/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-08 17:53 (1)	118	80	82	14	36.8/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-08 19:47 (1)	118	78	78	14	36.7/ORAL CAVITY
	Day 8	2020-06-16 16:08 (9)	110	64	70	14	36.8/ORAL CAVITY
	Day 15	2020-06-19 13:56 (12)	112	68	76	14	36.8/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-10 08:07 (33)	110	76	80	14	36.4/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-10 10:09 (1)	124	62	68	16	36.4/ORAL CAVITY
	Day 36	2020-07-17 09:09 (8)	122	84	74	16	36.9/ORAL CAVITY
	Day 43	2020-07-24 15:26 (15)	122	74	78	14	37/ORAL CAVITY
	Day 57	2020-08-12 15:38 (34)	134	73	65	16	36.8/ORAL CAVITY
US2071033	Screening	2020-05-27 08:55 (-12)	118	64	64	16	36.8/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-08 10:05 (1)	122	68	64	16	36.8/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2071033	Day 1/ POST-DOSE	2020-06-08 12:12 (1)	128	80	72	16	36.6/ORAL CAVITY
	Day 8	2020-06-17 08:47 (10)	102	76	60	12	36.6/ORAL CAVITY
	Day 15	2020-06-19 09:09 (12)	118	68	72	14	37/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-09 09:16 (32)	122	80	78	16	36.2/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-09 10:49 (1)	110	76	60	12	36.7/ORAL CAVITY
	Day 36	2020-07-17 09:48 (9)	124	68	68	16	36.8/ORAL CAVITY
	Day 43	2020-07-24 09:22 (16)	118	68	66	16	36.2/ORAL CAVITY
	Day 57	2020-08-13 09:14 (36)	121	80	62	14	37/ORAL CAVITY
US2071063	Screening	2020-06-01 14:35 (-3)	140	82	68	14	36.5/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-04 15:57 (1)	124	78	72	14	36.7/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-04 18:11 (1)	124	80	80	16	36.8/ORAL CAVITY
	Day 8	2020-06-11 15:20 (8)	128	76	74	12	37/ORAL CAVITY
	Day 15	2020-06-17 15:18 (14)	140	80	78	16	36.5/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-09 15:31 (36)	136	86	76	14	36.7/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-09 17:22 (1)	140	80	76	14	36.8/ORAL CAVITY
	Day 36	2020-07-17 11:36 (9)	136	80	74	14	36.6/ORAL CAVITY
	Day 43	2020-07-24 14:19 (16)	140	90	76	16	36.9/ORAL CAVITY
	Day 57	2020-08-06 15:14 (29)	140	80	80	16	37/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2071067	Screening	2020-06-01 17:46 (-4)	124	86	80	16	36.5/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-05 10:54 (1)	118	62	60	16	36.8/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-05 13:20 (1)	122	68	60	16	36.3/ORAL CAVITY
	Day 8	2020-06-12 12:17 (8)	108	62	60	14	37/ORAL CAVITY
	Day 15	2020-06-16 12:17 (12)	120	78	84	14	36.9/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-08 16:48 (34)	122	84	64	16	37.1/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-08 18:22 (1)	122	80	66	16	37.3/ORAL CAVITY
	Day 36	2020-07-17 12:28 (10)	116	70	68	12	36.5/ORAL CAVITY
	Day 43	2020-07-22 12:26 (15)	132	60	80	16	36.8/ORAL CAVITY
	Day 57	2020-08-13 12:16 (37)	124	72	70	12	36.6/ORAL CAVITY
US2071074	Screening	2020-06-02 16:54 (-6)	140	82	80	16	36.8/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-08 13:19 (1)	138	80	76	12	37/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-08 15:17 (1)	112	78	76	14	36.7/ORAL CAVITY
	Day 8	2020-06-15 15:39 (8)	128	78	82	16	36.7/ORAL CAVITY
	Day 15	2020-06-22 14:42 (15)	120	80	76	16	36.5/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-09 12:56 (32)	124	82	77	16	36.5/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-09 14:21 (1)	138	76	76	16	37.1/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2071074	Day 36	2020-07-17 08:52 (9)	126	84	72	14	36.6/ORAL CAVITY
	Day 43	2020-07-20 08:32 (12)	118	76	68	14	36.5/ORAL CAVITY
	Day 57	2020-08-04 08:20 (27)	132	78	72	16	36.7/ORAL CAVITY
US2071081	Screening	2020-06-05 13:17 (-3)	120	74	76	14	36.5/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-08 12:50 (1)	118	68	68	16	36.7/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-08 18:04 (1)	130	70	74	16	36.6/ORAL CAVITY
	Day 8	2020-06-15 13:01 (8)	106	78	68	14	36.7/ORAL CAVITY
	Day 15	2020-06-22 11:51 (15)	108	70	66	12	36.6/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-07 08:07 (30)	118	78	66	14	36.8/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-07 16:52 (1)	118	82	70	16	36.9/ORAL CAVITY
	Day 36	2020-07-17 12:03 (11)	122	76	78	14	36.9/ORAL CAVITY
	Day 43	2020-07-24 12:10 (18)	118	74	72	12	36.4/ORAL CAVITY
	Day 57	2020-08-10 16:08 (35)	122	68	71	14	36.5/ORAL CAVITY
US2081036	Screening	2020-05-29 15:28 (-6)	116	77	66	17	36.7/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-04 08:45 (1)	122	76	75	19	36.4/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-04 10:40 (1)	111	75	52	17	37.1/ORAL CAVITY
	Unscheduled	2020-06-06 09:00 (3)	122	78	56		36.4/ORAL CAVITY
	Day 8	2020-06-11 09:07 (8)	114	73	63	16	36.8/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2081036	Day 15	2020-06-18 09:17 (15)	112	68	62	17	37.1/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-09 13:05 (36)	118	80	58	17	36.4/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-09 14:50 (1)	120	81	64	14	36.7/ORAL CAVITY
	Day 36	2020-07-16 14:07 (8)	114	78	70	16	36.7/ORAL CAVITY
	Day 43	2020-07-23 14:10 (15)	112	78	71	18	36.8/ORAL CAVITY
	Day 57	2020-08-06 13:10 (29)	113	74	67	14	37.1/ORAL CAVITY
US2081039	Screening	2020-06-01 10:41 (-7)	135	91	68	16	36.7/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-08 13:12 (1)	110	68	68	16	36.2/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-08 14:44 (1)	133	87	61	17	36.8/ORAL CAVITY
	Day 8	2020-06-16 12:35 (9)	123	81	54	16	36.3/ORAL CAVITY
	Day 15	2020-06-26 14:20 (19)	121	83	70	17	36.8/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-08 11:10 (31)	120	70	56	17	36.9/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-08 13:15 (1)	127	85	67	17	36.6/ORAL CAVITY
	Day 36	2020-07-16 12:17 (9)	124	77	68	16	36.8/ORAL CAVITY
	Day 43	2020-07-23 11:48 (16)	124	90	88	17	36.8/ORAL CAVITY
	Day 57	2020-08-06 11:45 (30)	136	88	65	17	36.6/ORAL CAVITY
US2081041	Screening	2020-06-01 11:30 (-3)	119	73	48	18	37.1/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2081041	Day 1/ PRE-DOSE	2020-06-04 12:40 (1)	122	68	58	18	36.4/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-04 13:52 (1)	114	68	50	16	36.7/ORAL CAVITY
	Day 8	2020-06-12 11:03 (9)	121	77	43	18	36.7/ORAL CAVITY
	Day 15	2020-06-19 07:38 (16)	124	75	56	17	36.6/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-07 11:09 (34)	112	74	57	18	36.7/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-07 13:18 (1)	122	78	58	16	36.7/ORAL CAVITY
	Day 36	2020-07-15 11:02 (9)	114	72	61	14	36.7/ORAL CAVITY
	Day 43	2020-07-20 12:02 (14)	118	70	54	17	37.1/ORAL CAVITY
	Day 57	2020-08-11 10:23 (36)	120	76	74	16	36.7/ORAL CAVITY
US2081052	Screening	2020-06-02 14:56 (-3)	122	84	86	14	36.9/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-05 11:37 (1)	136	72	72	17	36.4/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-05 12:58 (1)	121	85	71	17	37.1/ORAL CAVITY
	Day 8	2020-06-12 13:28 (8)	137	83	76	18	37.2/ORAL CAVITY
	Day 15	2020-06-19 13:00 (15)	134	75	83	17	36.8/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-09 13:05 (35)	125	91	83	17	36.8/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-09 14:59 (1)	122	80	79	16	36.7/ORAL CAVITY
	Day 36	2020-07-17 13:07 (9)	126	80	73	14	36.7/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2081052	Day 43	2020-07-22 13:20 (14)	124	80	70	17	36.9/ORAL CAVITY
	Day 57	2020-08-06 09:02 (29)	112	74	85	18	36.8/ORAL CAVITY
US2081054	Screening	2020-06-03 09:00 (-2)	118	84	60	16	36.4/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-05 13:20 (1)	126	76	78	17	36.4/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-05 14:56 (1)	120	64	54	17	36.7/ORAL CAVITY
	Day 8	2020-06-12 10:02 (8)	128	81	49	18	36.4/ORAL CAVITY
	Day 15	2020-06-22 09:11 (18)	126	84	61	17	36.5/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-08 13:05 (34)	129	83	59	17	36.4/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-08 14:51 (1)	125	78	81	18	36.5/ORAL CAVITY
	Day 36	2020-07-15 10:48 (8)	131	81	52	18	36.4/ORAL CAVITY
	Day 43	2020-07-21 08:08 (14)	121	83	86	17	36.4/ORAL CAVITY
	Day 57	2020-08-05 15:05 (29)	115	78	60	18	36.6/ORAL CAVITY
US2081059	Screening	2020-06-04 10:35 (-4)	121	86	85	16	36.8/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-08 14:30 (1)	130	72	53	18	36.7/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-08 15:34 (1)	132	89	62	17	37/ORAL CAVITY
	Day 8	2020-06-16 12:48 (9)	131	85	71	18	37/ORAL CAVITY
	Day 15	2020-06-23 12:45 (16)	138	94	74	17	36.9/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2081059	Day 29/ PRE-DOSE	2020-07-13 11:00 (36)	123	86	72	17	36.8/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-13 12:33 (1)	118	81	64	12	37/ORAL CAVITY
	Day 36	2020-07-20 10:02 (8)	125	86	63	12	36.9/ORAL CAVITY
	Day 43	2020-07-27 11:30 (15)	123	83	74	17	36.7/ORAL CAVITY
	Day 57	2020-08-10 12:08 (29)	142	86	72	17	36.7/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2011018	Screening	2020-05-26 16:55 (-6)	117	68	79	10	37.4/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-01 15:46 (1)	124	82	76	16	37.3/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-01 18:17 (1)	122	80	72	14	37.1/ORAL CAVITY
	Day 8	2020-06-08 12:20 (8)	100	64	71	12	37/ORAL CAVITY
	Day 15	2020-06-15 12:18 (15)	109	81	95	14	37.1/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-06-30 15:49 (30)	102	54	65	16	36.9/ORAL CAVITY
	Day 29/ POST-DOSE	2020-06-30 19:03 (1)	138	68	66	16	36.7/ORAL CAVITY
	Day 36	2020-07-08 12:10 (9)	116	72	80	16	37.3/ORAL CAVITY
	Day 43	2020-07-14 14:50 (15)	110	72	96	16	36.9/ORAL CAVITY
	Day 57	2020-07-28 16:11 (29)	115	71	74	16	36.7/ORAL CAVITY
US2011019	Screening	2020-05-26 17:01 (-7)	107	82	80	16	37/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-02 13:49 (1)	118	68	64	14	37.1/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-02 16:14 (1)	103	81	77	14	36.8/ORAL CAVITY
	Day 8	2020-06-09 15:10 (8)	116	62	72	14	36.8/ORAL CAVITY
	Day 15	2020-06-16 14:40 (15)	116	64	74	14	36.8/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-02 09:55 (31)	85	68	73	16	36.8/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-02 12:30 (1)	91	73	71	16	36.8/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2011019	Day 36	2020-07-09 15:15 (8)	98	70	67	14	37.1/ORAL CAVITY
	Day 43	2020-07-16 14:45 (15)	96	68	66	14	36.9/ORAL CAVITY
	Day 57	2020-07-30 15:06 (29)	110	70	80	14	37/ORAL CAVITY
US2011039	Screening	2020-05-27 12:20 (-5)	124	86	97	10	36.9/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-01 14:50 (1)	118	85	102	10	37.1/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-01 17:44 (1)	122	84	82	12	37/ORAL CAVITY
	Day 8	2020-06-08 11:06 (8)	110	72	88	14	36.8/ORAL CAVITY
	Day 15	2020-06-17 12:14 (17)	110	86	78	15	36.9/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-06-29 12:11 (29)	117	84	96	12	36.8/ORAL CAVITY
	Day 29/ POST-DOSE	2020-06-29 15:14 (1)	127	84	83	12	36.8/ORAL CAVITY
	Day 36	2020-07-06 12:15 (8)	114	87	96	12	37/ORAL CAVITY
	Day 43	2020-07-13 12:11 (15)	113	79	93	14	37.2/ORAL CAVITY
	Day 57	2020-07-27 12:19 (29)	121	90	95	12	37/ORAL CAVITY
US2011041	Screening	2020-05-27 13:00 (-6)	112	71	68	14	37/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-02 10:25 (1)	109	67	61	14	36.9/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-02 12:10 (1)	117	70	55	14	36.9/ORAL CAVITY
	Day 8	2020-06-09 11:08 (8)	114	62	64	12	36.8/ORAL CAVITY
	Day 15	2020-06-16 09:52 (15)	125	86	88	14	37.1/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2011041	Day 29/ PRE-DOSE	2020-06-30 11:05 (29)	110	62	65	16	36.8/ORAL CAVITY
	Day 29/ POST-DOSE	2020-06-30 14:04 (1)	121	69	63	16	36.9/ORAL CAVITY
	Day 36	2020-07-07 12:05 (8)	112	72	105	14	37.1/ORAL CAVITY
	Day 43	2020-07-14 09:19 (15)	123	59	69	14	36.7/ORAL CAVITY
	Day 57	2020-07-28 13:58 (29)	129	80	86	16	37/ORAL CAVITY
US2011046	Screening	2020-05-27 15:02 (-6)	126	66	88	16	36.8/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-02 15:57 (1)	118	72	68	16	36.9/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-02 18:29 (1)	100	76	76	14	36.7/ORAL CAVITY
	Day 8	2020-06-09 14:20 (8)	104	75	91	14	36.7/ORAL CAVITY
	Day 15	2020-06-16 14:09 (15)	100	67	81	14	36.9/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-01 13:30 (30)	100	70	60	16	37/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-01 15:50 (1)	108	62	58	14	36.8/ORAL CAVITY
	Day 36	2020-07-08 15:24 (8)	112	60	58	14	37/ORAL CAVITY
	Day 43	2020-07-15 12:09 (15)	101	75	99	14	37.1/ORAL CAVITY
	Day 57	2020-07-29 12:49 (29)	102	58	94	14	37.1/ORAL CAVITY
US2011050	Screening	2020-05-27 15:38 (-5)	118	82	86	16	36.7/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-01 07:14 (1)	124	78	64	16	36.6/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2011050	Day 1/ POST-DOSE	2020-06-01 10:55 (1)	116	78	57	14	36.6/ORAL CAVITY
	Day 8	2020-06-08 08:15 (8)	128	88	73	16	37.1/ORAL CAVITY
	Day 15	2020-06-15 08:17 (15)	124	88	73	16	36.8/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-06-29 08:22 (29)	124	87	67	16	36.9/ORAL CAVITY
	Day 29/ POST-DOSE	2020-06-29 10:36 (1)	124	87	62	14	37.1/ORAL CAVITY
	Day 36	2020-07-06 08:08 (8)	102	62	60	14	36.9/ORAL CAVITY
	Day 43	2020-07-13 07:44 (15)	118	79	70	14	36.6/ORAL CAVITY
	Day 57	2020-07-27 08:14 (29)	129	90	64	14	36.6/ORAL CAVITY
US2011059	Screening	2020-05-28 08:51 (-5)	122	88	70	16	37/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-02 07:57 (1)	128	78	74	16	36.8/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-02 10:28 (1)	129	88	65	16	36.8/ORAL CAVITY
	Day 8	2020-06-09 10:25 (8)	123	85	77	16	37.2/ORAL CAVITY
	Day 15	2020-06-16 10:17 (15)	122	88	82	16	36.9/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-06-30 08:36 (29)	113	78	61	16	36.8/ORAL CAVITY
	Day 29/ POST-DOSE	2020-06-30 11:23 (1)	104	72	58	14	36.7/ORAL CAVITY
	Day 36	2020-07-07 10:22 (8)	117	72	92	14	36.4/ORAL CAVITY
	Day 43	2020-07-16 10:18 (17)	111	69	76	16	36.8/ORAL CAVITY
	Day 57	2020-07-29 10:40 (30)	104	85	81	14	36.9/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2011065	Screening	2020-05-28 11:33 (-5)	137	65	66	18	36.9/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-02 11:56 (1)	136	72	73	15	37.1/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-02 14:15 (1)	140	78	58	14	36.7/ORAL CAVITY
	Day 8	2020-06-09 11:52 (8)	119	69	69	14	36.8/ORAL CAVITY
	Day 15	2020-06-16 12:00 (15)	130	66	65	14	36.8/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-06-30 12:18 (29)	110	60	65	16	36.8/ORAL CAVITY
	Day 29/ POST-DOSE	2020-06-30 15:35 (1)	130	62	60	14	36.8/ORAL CAVITY
	Day 36	2020-07-07 12:06 (8)	119	73	69	16	37/ORAL CAVITY
	Day 43	2020-07-14 11:54 (15)	130	68	64	14	36.8/ORAL CAVITY
	Day 57	2020-07-28 12:34 (29)	136	78	59	16	36.7/ORAL CAVITY
US2011080	Screening	2020-05-29 11:21 (-5)	122	82	74	16	36.1/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-03 10:21 (1)	118	64	55	14	37/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-03 12:34 (1)	140	89	74	14	37.1/ORAL CAVITY
	Day 8	2020-06-10 15:56 (8)	130	88	68	14	37.1/ORAL CAVITY
	Day 15	2020-06-17 15:48 (15)	108	80	64	14	36.9/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-01 13:38 (29)	118	78	68	14	36.8/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-01 16:23 (1)	124	78	62	14	36.9/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2011080	Day 36	2020-07-08 14:31 (8)	124	76	68	14	36.9/ORAL CAVITY
	Day 43	2020-07-15 14:18 (15)	123	95	87	14	36.9/ORAL CAVITY
	Day 57	2020-07-29 14:36 (29)	118	82	75	14	37/ORAL CAVITY
US2011085	Screening	2020-05-29 16:27 (-5)	116	68	82	12	36.9/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-03 14:20 (1)	118	74	71	12	36.9/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-03 16:43 (1)	99	66	62	12	36.9/ORAL CAVITY
	Day 8	2020-06-10 14:16 (8)	122	58	72	12	37/ORAL CAVITY
	Day 15	2020-06-17 14:11 (15)	102	60	61	12	36.9/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-01 15:15 (29)	118	62	56	14	37/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-01 17:57 (1)	118	72	54	14	36.9/ORAL CAVITY
	Day 36	2020-07-08 15:10 (8)	106	75	68	14	36.9/ORAL CAVITY
	Day 43	2020-07-15 15:13 (15)	99	78	71	14	36.9/ORAL CAVITY
	Day 57	2020-07-29 15:17 (29)	111	76	76	14	36.9/ORAL CAVITY
US2011089	Screening	2020-06-01 08:40 (-4)	107	81	71	12	37/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-05 08:14 (1)	116	72	68	12	36.6/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-05 10:30 (1)	114	75	64	12	36.8/ORAL CAVITY
	Day 8	2020-06-12 08:16 (8)	103	71	67	14	36.9/ORAL CAVITY
	Day 15	2020-06-19 08:14 (15)	112	70	60	16	36.9/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2011089	Unscheduled	2020-06-30 08:18 (26)	123	73	56	12	36.6/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-10 13:50 (36)	115	76	61	14	36.8/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-10 16:10 (1)	107	57	66	14	36.9/ORAL CAVITY
	Day 36	2020-07-17 08:34 (8)	112	70	58	14	36.7/ORAL CAVITY
	Day 43	2020-07-27 14:20 (18)	129	81	57	14	37.1/ORAL CAVITY
	Day 57	2020-08-10 08:40 (32)	113	75	53	14	37.1/ORAL CAVITY
US2011103	Screening	2020-06-05 15:05 (-3)	114	84	68	14	37/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-08 12:40 (1)	110	78	64	14	36.9/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-08 15:17 (1)	128	84	63	14	36.9/ORAL CAVITY
	Day 8	2020-06-16 15:05 (9)	121	88	66	14	37/ORAL CAVITY
	Day 15	2020-06-23 14:38 (16)	108	72	70	14	36.9/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-07 15:05 (30)	118	80	69	14	37.1/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-07 17:13 (1)	114	81	71	14	36.4/ORAL CAVITY
	Day 36	2020-07-14 15:23 (8)	132	82	66	14	37/ORAL CAVITY
	Day 43	2020-07-21 14:49 (15)	128	88	68	14	37.1/ORAL CAVITY
	Day 57	2020-08-06 16:13 (31)	125	85	57	14	37.1/ORAL CAVITY
US2021059	Screening	2020-05-27 13:18 (-6)	115	86	76	14	36.9/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2021059	Day 1/ PRE-DOSE	2020-06-02 07:33 (1)	105	73	72	15	36.6/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-02 10:08 (1)	103	75	65	16	36.3/ORAL CAVITY
	Day 8	2020-06-09 08:05 (8)	104	67	66	15	36.9/ORAL CAVITY
	Day 15	2020-06-16 08:20 (15)	100	64	60	14	36.7/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-02 08:06 (31)	118	81	78	14	36.7/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-02 10:15 (1)	108	73	70	15	36.8/ORAL CAVITY
	Day 36	2020-07-09 08:20 (8)	107	75	80	16	37/ORAL CAVITY
	Day 43	2020-07-16 08:06 (15)	120	76	82	14	37.1/ORAL CAVITY
	Day 57	2020-07-31 09:05 (30)	104	77	76	14	36.4/ORAL CAVITY
US2021063	Screening	2020-05-27 14:33 (-8)	121	82	69	15	36.6/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-04 08:50 (1)	115	76	64	16	36.9/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-04 10:13 (1)	102	70	70	14	36.7/ORAL CAVITY
	Day 8	2020-06-12 08:35 (9)	103	74	75	14	36.8/ORAL CAVITY
	Day 15	2020-06-19 08:15 (16)	92	63	69	15	37.1/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-07 08:00 (34)	107	78	80	15	36.8/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-07 10:00 (1)	112	79	75	15	36.4/ORAL CAVITY
	Day 36	2020-07-14 08:23 (8)	110	69	64	16	36.8/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2021063	Day 43	2020-07-21 08:17 (15)	108	71	68	15	37.1/ORAL CAVITY
	Day 57	2020-08-05 08:10 (30)	104	79	60	16	37.6/ORAL CAVITY
US2021067	Screening	2020-05-27 16:06 (-9)	136	90	57	15	37.1/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-05 11:22 (1)	138	92	64	14	37/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-05 13:40 (1)	148	90	54	14	36.8/ORAL CAVITY
	Day 8	2020-06-12 12:25 (8)	135	82	59	15	37.1/ORAL CAVITY
	Day 15	2020-06-17 10:13 (13)	125	70	59	15	37.2/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-06 10:40 (32)	138	79	75	15	37.1/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-06 12:25 (1)	117	66	56	15	36.8/ORAL CAVITY
	Day 36	2020-07-15 10:11 (10)	119	77	80	16	36.8/ORAL CAVITY
	Day 43	2020-07-20 10:08 (15)	118	78	59	16	37.1/ORAL CAVITY
	Day 57	2020-08-06 08:40 (32)	139	88	53	16	36.5/ORAL CAVITY
US2021068	Screening	2020-05-27 16:00 (-6)	104	70	56	18	37.1/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-02 15:35 (1)	119	78	54	16	36.7/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-02 17:43 (1)	137	78	53	15	36.7/ORAL CAVITY
	Day 8	2020-06-11 16:13 (10)	139	66	50	15	37/ORAL CAVITY
	Day 15	2020-06-17 16:15 (16)	104	67	50	15	36.7/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2021068	Day 29/ PRE-DOSE	2020-07-01 15:35 (30)	129	77	54	16	36.8/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-01 17:38 (1)	126	68	48	15	36.8/ORAL CAVITY
	Day 36	2020-07-08 16:08 (8)	136	67	49	16	37.1/ORAL CAVITY
	Day 43	2020-07-15 15:34 (15)	118	68	48	15	36.8/ORAL CAVITY
	Day 57	2020-07-29 16:32 (29)	113	70	51	14	36.9/ORAL CAVITY
US2021074	Screening	2020-05-28 08:36 (-5)	106	74	68	15	36.8/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-02 07:45 (1)	110	69	71	16	37/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-02 10:16 (1)	118	74	73	15	36.9/ORAL CAVITY
	Day 8	2020-06-11 08:15 (10)	100	70	64	14	37.2/ORAL CAVITY
	Day 15	2020-06-19 08:15 (18)	106	74	68	14	36.5/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-07 13:48 (36)	112	76	83	15	36.8/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-07 15:26 (1)	104	69	60	15	36.7/ORAL CAVITY
	Day 36	2020-07-15 08:33 (9)	114	74	65	15	36.6/ORAL CAVITY
	Day 43	2020-07-21 08:21 (15)	109	73	80	14	36.4/ORAL CAVITY
	Day 57	2020-08-04 08:04 (29)	114	78	60	14	36.6/ORAL CAVITY
US2021080	Screening	2020-05-28 09:58 (-8)	97	71	66	15	36.9/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-05 13:50 (1)	113	74	77	15	36.7/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2021080	Day 1/ POST-DOSE	2020-06-05 16:08 (1)	99	71	64	15	36.5/ORAL CAVITY
	Day 8	2020-06-12 08:52 (8)	108	73	81	15	36.6/ORAL CAVITY
	Day 15	2020-06-19 09:26 (15)	101	70	73	15	36.9/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-08 08:35 (34)	127	76	76	16	36.8/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-08 10:40 (1)	115	67	59	15	36.7/ORAL CAVITY
	Day 36	2020-07-15 09:10 (8)	113	69	75	16	36.8/ORAL CAVITY
	Day 43	2020-07-22 09:00 (15)	102	66	89	16	37/ORAL CAVITY
	Day 57	2020-08-07 09:49 (31)	111	74	69	16	36.8/ORAL CAVITY
US2021093	Screening	2020-05-28 13:42 (-6)	128	90	68	15	36.8/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-03 08:57 (1)	122	88	69	16	36.9/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-03 11:09 (1)	140	90	66	16	37.1/ORAL CAVITY
	Day 8	2020-06-11 09:20 (9)	120	80	64	14	36.9/ORAL CAVITY
	Day 15	2020-06-17 08:50 (15)	118	80	78	16	36.9/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-06 09:10 (34)	132	88	70	15	37.3/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-06 10:55 (1)	131	82	65	15	36.9/ORAL CAVITY
	Day 36	2020-07-14 09:15 (9)	122	84	64	16	36.8/ORAL CAVITY
	Day 43	2020-07-21 08:45 (16)	100	76	60	16	36.9/ORAL CAVITY
	Day 57	2020-08-06 10:00 (32)	138	84	72	16	37.2/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2021099	Screening	2020-05-28 13:10 (-5)	100	70	68	16	37/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-02 14:00 (1)	119	67	62	15	36.8/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-02 17:57 (1)	138	88	55	14	36/ORAL CAVITY
	Day 8	2020-06-12 13:35 (11)	110	78	64	16	36.7/ORAL CAVITY
	Day 15	2020-06-19 13:25 (18)	132	84	79	14	36.7/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-06-30 13:10 (29)	118	78	56	14	36.6/ORAL CAVITY
	Day 29/ POST-DOSE	2020-06-30 15:21 (1)	119	72	62	14	36.6/ORAL CAVITY
	Day 36	2020-07-08 13:26 (9)	121	76	68	14	36.8/ORAL CAVITY
	Day 43	2020-07-17 13:25 (18)	110	80	64	16	36.8/ORAL CAVITY
	Day 57	2020-07-27 11:57 (28)	113	74	67	16	37/ORAL CAVITY
US2021101	Screening	2020-05-28 15:19 (-11)	117	86	76	15	36.7/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-08 10:55 (1)	104	74	72	16	36.5/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-08 13:35 (1)	113	74	66	15	35.9/ORAL CAVITY
	Day 8	2020-06-15 10:08 (8)	122	86	73	16	36.6/ORAL CAVITY
	Day 15	2020-06-23 10:02 (16)	113	81	76	15	36.8/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-09 10:05 (32)	126	87	67	16	36.6/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-09 12:21 (1)	109	70	71	15	36.8/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2021101	Day 36	2020-07-16 09:46 (8)	110	77	70	16	36.7/ORAL CAVITY
	Day 43	2020-07-23 09:45 (15)	125	66	83	16	36.8/ORAL CAVITY
	Day 57	2020-08-04 13:23 (27)	121	77	80	15	36.7/ORAL CAVITY
US2021121	Screening	2020-05-29 12:30 (-5)	118	69	65	15	36.9/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-03 14:20 (1)	130	84	79	15	36.8/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-03 16:23 (1)	117	79	57	15	36.4/ORAL CAVITY
	Day 8	2020-06-10 13:20 (8)	100	66	64	14	36.3/ORAL CAVITY
	Day 15	2020-06-15 09:43 (13)	114	72	62	16	37/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-01 10:19 (29)	132	78	66	14	36.7/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-01 11:58 (1)	119	76	52	14	36.8/ORAL CAVITY
	Day 36	2020-07-08 10:19 (8)	108	63	63	14	36.8/ORAL CAVITY
	Day 43	2020-07-14 13:47 (14)	114	76	68	14	37.2/ORAL CAVITY
	Day 57	2020-08-05 16:30 (36)	136	76	72	16	36.7/ORAL CAVITY
US2021145	Screening	2020-06-02 16:26 (-2)	104	66	76	16	37.1/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-04 15:57 (1)	123	74	82	15	37/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-04 17:45 (1)	105	71	75	14	36.9/ORAL CAVITY
	Day 8	2020-06-12 13:26 (9)	128	68	75	15	36.9/ORAL CAVITY
	Day 15	2020-06-18 13:15 (15)	119	75	73	15	37.2/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2021145	Day 29/ PRE-DOSE	2020-07-09 11:54 (36)	121	69	75	14	36.6/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-09 13:50 (1)	131	86	79	14	36.8/ORAL CAVITY
	Day 36	2020-07-16 15:18 (8)	121	69	84	16	36.8/ORAL CAVITY
	Day 43	2020-07-22 11:42 (14)	113	74	73	16	36.8/ORAL CAVITY
	Day 57	2020-08-12 14:20 (35)	100	70	76	14	37.2/ORAL CAVITY
US2021151	Screening	2020-06-03 08:15 (-5)	131	70	88	16	36.8/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-08 15:41 (1)	112	73	87	14	37.3/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-08 17:42 (1)	110	65	77	14	36.9/ORAL CAVITY
	Day 8	2020-06-18 15:23 (11)	123	76	82	15	37.1/ORAL CAVITY
	Day 15	2020-06-25 15:30 (18)	100	64	68	16	37.1/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-09 13:57 (32)	110	68	70	16	37.1/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-09 15:59 (1)	109	79	77	15	37.4/ORAL CAVITY
	Day 36	2020-07-16 10:50 (8)	112	76	72	16	37.1/ORAL CAVITY
	Unscheduled	2020-07-23 15:11 (15)	120	74	93	16	37.4/ORAL CAVITY
	Day 57	2020-08-03 15:10 (26)	122	77	72	14	36.8/ORAL CAVITY
US2021154	Screening	2020-06-03 10:23 (-2)	111	78	80	15	36.8/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-05 13:32 (1)	111	73	82	14	36.9/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2021154	Day 1/ POST-DOSE	2020-06-05 15:23 (1)	105	70	72	15	37.3/ORAL CAVITY
	Day 8	2020-06-12 13:13 (8)	120	66	84	16	37.1/ORAL CAVITY
	Day 15	2020-06-17 11:09 (13)	119	66	87	15	36.6/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-08 13:57 (34)	129	82	88	14	36.8/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-08 15:55 (1)	116	63	76	15	36.8/ORAL CAVITY
	Day 36	2020-07-15 09:05 (8)	118	68	83	16	36.9/ORAL CAVITY
	Day 43	2020-07-24 08:34 (17)	122	66	78	16	36.7/ORAL CAVITY
	Day 57	2020-08-10 08:05 (34)	130	74	71	15	36.9/ORAL CAVITY
US2021164	Screening	2020-06-03 14:30 (-5)	144	92	64	14	37.5/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-08 07:55 (1)	140	90	68	14	36.8/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-08 10:15 (1)	143	92	58	14	37.2/ORAL CAVITY
	Unscheduled	2020-06-10 11:34 (3)	150	100	75	14	37.3/ORAL CAVITY
	Day 8	2020-06-17 10:10 (10)	140	92	64	16	36.8/ORAL CAVITY
	Day 15	2020-06-24 09:45 (17)	110	84	70	15	36.5/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-08 09:40 (31)	140	88	80	16	36.8/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-08 11:56 (1)	153	90	51	16	36.9/ORAL CAVITY
	Day 36	2020-07-15 16:15 (8)	110	82	64	14	37/ORAL CAVITY
	Day 43	2020-07-27 10:40 (20)	127	86	56	15	37.3/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2021164	Day 57	2020-08-10 10:15 (34)	142	88	59	15	36.9/ORAL CAVITY
US2021180	Screening	2020-06-05 15:08 (-3)	126	68	69	15	36.8/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-08 16:08 (1)	137	72	65	14	36.7/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-08 18:06 (1)	116	71	58	15	36.4/ORAL CAVITY
	Day 8	2020-06-17 13:28 (10)	124	80	72	16	36.7/ORAL CAVITY
	Day 15	2020-06-22 16:15 (15)	124	80	68	16	36.7/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-08 09:02 (31)	125	64	69	14	36.8/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-08 11:00 (1)	127	71	58	15	36.8/ORAL CAVITY
	Day 36	2020-07-17 14:18 (10)	132	65	73	16	36.9/ORAL CAVITY
	Day 43	2020-07-24 14:19 (17)	115	69	75	15	36.6/ORAL CAVITY
	Day 57	2020-08-07 14:34 (31)	139	74	69	13	36.8/ORAL CAVITY
US2021182	Screening	2020-06-05 15:53 (-3)	117	79	70	15	36.9/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-08 08:00 (1)	110	87	60	15	37/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-08 10:51 (1)	113	87	65	15	36.7/ORAL CAVITY
	Day 8	2020-06-15 08:51 (8)	125	84	70	16	37.2/ORAL CAVITY
	Day 15	2020-06-22 08:26 (15)	127	81	73	14	37.4/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-07 08:53 (30)	132	84	64	15	36.8/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2021182	Day 29/ POST-DOSE	2020-07-07 10:57 (1)	122	89	66	15	36.6/ORAL CAVITY
	Day 36	2020-07-14 12:45 (8)	117	84	70	16	37.2/ORAL CAVITY
	Day 43	2020-07-20 13:26 (14)	111	83	82	15	37/ORAL CAVITY
	Day 57	2020-07-31 09:00 (25)	100	76	64	16	37/ORAL CAVITY
US2031012	Screening	2020-05-26 10:55 (-6)	136	83	72	18	36.7/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-01 13:42 (1)	127	73	80	17	37/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-01 15:35 (1)	128	79	72	16	37.1/ORAL CAVITY
	Day 8	2020-06-08 09:05 (8)	124	80	82	16	36.6/ORAL CAVITY
	Day 15	2020-06-15 08:50 (15)	136	81	72	15	36.6/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-06-29 09:02 (29)	111	73	67	16	36.5/ORAL CAVITY
	Day 29/ POST-DOSE	2020-06-29 11:10 (1)	111	82	66	16	36.7/ORAL CAVITY
	Day 36	2020-07-06 09:00 (8)	120	88	72	15	36.6/ORAL CAVITY
	Day 43	2020-07-13 09:01 (15)	118	86	66	15	36.8/ORAL CAVITY
	Day 57	2020-07-27 08:41 (29)	123	88	65	15	36.4/ORAL CAVITY
US2031013	Screening	2020-05-26 11:14 (-7)	117	85	64	18	37.1/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-02 08:17 (1)	98	73	74	16	37.1/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-02 10:14 (1)	99	72	64	17	37.2/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2031013	Day 8	2020-06-09 09:12 (8)	100	75	66	16	36.9/ORAL CAVITY
	Day 15	2020-06-16 10:04 (15)	98	75	66	15	36.7/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-06-30 08:12 (29)	101	78	68	16	36.9/ORAL CAVITY
	Day 29/ POST-DOSE	2020-06-30 09:55 (1)	115	82	64	16	37.1/ORAL CAVITY
	Day 36	2020-07-07 10:12 (8)	106	82	68	16	36.7/ORAL CAVITY
	Day 43	2020-07-14 08:38 (15)	98	70	62	16	37.1/ORAL CAVITY
	Day 57	2020-07-28 10:16 (29)	98	72	68	16	36.8/ORAL CAVITY
US2031019	Screening	2020-05-26 13:58 (-3)	132	81	72	17	36.8/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-05-29 07:40 (1)	109	68	82	16	36.6/ORAL CAVITY
	Day 1/ POST-DOSE	2020-05-29 10:02 (1)	119	75	64	18	36.7/ORAL CAVITY
	Day 8	2020-06-05 08:00 (8)	127	76	83	16	36.6/ORAL CAVITY
	Day 15	2020-06-12 07:35 (15)	134	83	85	15	36.6/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-02 07:35 (35)	115	74	76	15	36.6/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-02 09:38 (1)	128	79	59	15	36.6/ORAL CAVITY
	Day 36	2020-07-10 08:12 (9)	125	75	80	14	36.6/ORAL CAVITY
	Day 43	2020-07-17 08:06 (16)	112	76	71	15	36.5/ORAL CAVITY
	Day 57	2020-07-30 10:10 (29)	131	84	66	16	36.7/ORAL CAVITY
US2031020	Screening	2020-05-26 14:00 (-3)	118	83	64	18	36.6/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2031020	Day 1/ PRE-DOSE	2020-05-29 11:56 (1)	98	73	66	16	37/ORAL CAVITY
	Day 1/ POST-DOSE	2020-05-29 13:45 (1)	104	72	59	17	36.9/ORAL CAVITY
	Day 8	2020-06-05 13:12 (8)	113	79	67	16	36.7/ORAL CAVITY
	Day 15	2020-06-12 12:50 (15)	109	79	57	17	36.7/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-01 07:49 (34)	94	68	69	16	36.7/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-01 10:14 (1)	106	79	56	16	36.9/ORAL CAVITY
	Day 36	2020-07-13 16:15 (13)	105	81	65	15	36.6/ORAL CAVITY
	Day 43	2020-07-15 14:25 (15)	101	74	61	16	37/ORAL CAVITY
	Day 57	2020-08-03 08:15 (34)	101	76	67	16	36.7/ORAL CAVITY
US2031021	Screening	2020-05-26 14:00 (-6)	136	84	77	15	36.8/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-01 09:05 (1)	131	80	74	15	36.8/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-01 11:15 (1)	138	86	61	16	36.7/ORAL CAVITY
	Day 8	2020-06-08 09:05 (8)	127	77	74	16	36.9/ORAL CAVITY
	Day 15	2020-06-15 09:07 (15)	128	82	62	15	36.8/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-06-29 09:08 (29)	129	74	68	16	36.9/ORAL CAVITY
	Day 29/ POST-DOSE	2020-06-29 11:03 (1)	131	72	66	16	36.9/ORAL CAVITY
	Day 36	2020-07-06 08:58 (8)	136	90	85	17	36.9/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2031021	Day 43	2020-07-16 09:10 (18)	137	87	68	16	36.8/ORAL CAVITY
	Day 57	2020-07-30 09:19 (32)	124	75	74	16	36.5/ORAL CAVITY
US2031026	Screening	2020-05-27 07:52 (-2)	123	76	67	16	36.7/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-05-29 14:42 (1)	106	85	74	16	36.5/ORAL CAVITY
	Day 1/ POST-DOSE	2020-05-29 16:45 (1)	112	68	78	16	36.8/ORAL CAVITY
	Day 8	2020-06-05 13:18 (8)	118	73	67	17	36.6/ORAL CAVITY
	Day 15	2020-06-12 11:36 (15)	116	72	64	15	36.7/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-06-26 13:09 (29)	133	81	61	15	36.5/ORAL CAVITY
	Day 29/ POST-DOSE	2020-06-26 15:00 (1)	130	82	68	16	36.5/ORAL CAVITY
	Day 36	2020-07-07 07:36 (12)	134	88	64	16	36.8/ORAL CAVITY
	Day 43	2020-07-13 15:29 (18)	128	78	60	13	36.7/ORAL CAVITY
	Day 57	2020-07-24 08:05 (29)	127	81	61	16	36.8/ORAL CAVITY
US2031027	Screening	2020-05-27 07:45 (-5)	131	86	73	15	36.9/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-01 07:36 (1)	120	76	78	16	37/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-01 09:33 (1)	118	75	62	15	36.8/ORAL CAVITY
	Day 8	2020-06-08 07:40 (8)	113	74	76	16	37.2/ORAL CAVITY
	Day 15	2020-06-15 09:20 (15)	114	80	62	17	36.8/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2031027	Day 29/ PRE-DOSE	2020-06-29 14:27 (29)	121	73	68	17	36.9/ORAL CAVITY
	Day 29/ POST-DOSE	2020-06-29 16:03 (1)	121	72	62	17	36.8/ORAL CAVITY
	Day 36	2020-07-07 08:05 (9)	119	77	67	15	37.1/ORAL CAVITY
	Day 43	2020-07-15 08:12 (17)	121	72	69	16	37/ORAL CAVITY
	Day 57	2020-07-30 08:13 (32)	126	85	74	16	36.9/ORAL CAVITY
US2031033	Screening	2020-05-27 09:45 (-7)	144	86	88	16	36.6/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-03 08:25 (1)	139	82	76	17	36.9/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-03 10:35 (1)	124	82	76	17	36.6/ORAL CAVITY
	Day 8	2020-06-11 09:11 (9)	148	88	65	17	36.5/ORAL CAVITY
	Day 15	2020-06-18 09:10 (16)	130	88	69	16	36.7/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-01 09:02 (29)	136	82	66	17	36.6/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-01 11:14 (1)	138	80	62	17	36.6/ORAL CAVITY
	Day 36	2020-07-08 08:58 (8)	120	80	66	18	36.7/ORAL CAVITY
	Day 43	2020-07-15 08:52 (15)	140	90	64	14	36.8/ORAL CAVITY
	Day 57	2020-07-30 09:15 (30)	130	80	68	16	36.7/ORAL CAVITY
US2031035	Screening	2020-05-27 09:40 (-5)	110	72	68	15	36.7/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-01 10:41 (1)	128	83	66	16	36.9/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2031035	Day 1/ POST-DOSE	2020-06-01 12:40 (1)	110	76	68	17	37/ORAL CAVITY
	Day 8	2020-06-09 08:15 (9)	115	62	53	16	36.9/ORAL CAVITY
	Day 15	2020-06-16 11:05 (16)	105	76	62	16	36.9/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-06-29 09:44 (29)	104	77	76	16	36.9/ORAL CAVITY
	Day 29/ POST-DOSE	2020-06-29 11:49 (1)	109	74	53	14	37.2/ORAL CAVITY
	Day 36	2020-07-06 13:37 (8)	114	67	67	16	36.8/ORAL CAVITY
	Day 43	2020-07-14 11:06 (16)	129	71	61	16	36.4/ORAL CAVITY
	Day 57	2020-07-28 09:55 (30)	121	66	61	16	36.8/ORAL CAVITY
US2031037	Screening	2020-05-27 10:26 (-6)	124	76	54	17	36.7/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-02 07:38 (1)	130	87	80	17	36.6/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-02 09:47 (1)	130	86	82	16	36.8/ORAL CAVITY
	Day 8	2020-06-10 07:35 (9)	131	73	68	15	36.6/ORAL CAVITY
	Day 15	2020-06-15 07:35 (14)	118	64	55	15	37/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-06-30 07:31 (29)	126	74	59	15	36.8/ORAL CAVITY
	Day 29/ POST-DOSE	2020-06-30 09:26 (1)	126	76	59	15	36.7/ORAL CAVITY
	Day 36	2020-07-07 07:45 (8)	115	71	53	14	36.7/ORAL CAVITY
	Day 43	2020-07-17 13:04 (18)	127	69	62	16	36.9/ORAL CAVITY
	Day 57	2020-07-28 13:32 (29)	122	70	68	16	36.8/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2031047	Screening	2020-05-27 16:10 (-5)	121	76	70	16	36.7/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-01 12:48 (1)	122	64	62	16	36.5/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-01 15:03 (1)	116	72	62	15	36.7/ORAL CAVITY
	Day 8	2020-06-10 12:39 (10)	121	81	97	20	37.1/ORAL CAVITY
	Day 15	2020-06-17 12:38 (17)	129	81	50	12	36.8/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-06-29 15:39 (29)	116	78	66	19	36.8/ORAL CAVITY
	Day 29/ POST-DOSE	2020-06-29 17:50 (1)	123	76	87	16	36.6/ORAL CAVITY
	Day 36	2020-07-06 12:39 (8)	116	63	53	14	36.6/ORAL CAVITY
	Day 43	2020-07-13 12:40 (15)	123	69	55	13	36.9/ORAL CAVITY
	Day 57	2020-07-27 12:45 (29)	118	73	58	14	36.6/ORAL CAVITY
US2031050	Screening	2020-05-28 09:00 (-6)	95	70	75	15	36.8/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-03 09:25 (1)	109	69	76	16	37/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-03 11:25 (1)	104	62	67	15	36.7/ORAL CAVITY
	Day 8	2020-06-10 09:06 (8)	103	61	73	15	36.9/ORAL CAVITY
	Day 15	2020-06-16 08:40 (14)	107	75	75	15	36.7/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-01 09:05 (29)	109	68	81	16	36.9/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-01 10:56 (1)	114	72	66	16	36.7/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2031050	Day 36	2020-07-08 08:48 (8)	103	64	71	16	36.9/ORAL CAVITY
	Day 43	2020-07-16 08:33 (16)	107	67	69	14	36.8/ORAL CAVITY
	Day 57	2020-08-03 08:43 (34)	108	63	73	16	36.9/ORAL CAVITY
US2031060	Screening	2020-05-28 16:30 (-7)	108	85	66	15	36.9/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-04 15:56 (1)	106	81	75	15	36.9/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-04 17:53 (1)	119	79	72	17	36.7/ORAL CAVITY
	Day 8	2020-06-11 15:45 (8)	111	79	77	17	36.8/ORAL CAVITY
	Day 15	2020-06-18 14:31 (15)	114	79	76	15	36.9/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-02 13:37 (29)	95	73	87	16	36.9/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-02 15:39 (1)	106	81	82	15	37/ORAL CAVITY
	Day 36	2020-07-09 15:28 (8)	111	75	74	16	36.5/ORAL CAVITY
	Day 43	2020-07-16 15:56 (15)	119	71	72	16	36.8/ORAL CAVITY
	Day 57	2020-07-28 15:53 (27)	110	68	72	15	36.9/ORAL CAVITY
US2031062	Screening	2020-05-28 16:57 (-7)	120	74	75	16	36.8/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-04 15:58 (1)	110	79	82	16	36.9/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-04 18:16 (1)	118	61	72	15	36.7/ORAL CAVITY
	Day 8	2020-06-11 16:02 (8)	120	80	81	15	36.7/ORAL CAVITY
	Day 15	2020-06-22 16:10 (19)	113	86	95	18	36.7/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2031062	Day 29/ PRE-DOSE	2020-07-02 16:00 (29)	113	87	75	14	36.9/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-02 18:07 (1)	121	72	67	14	37/ORAL CAVITY
	Day 36	2020-07-09 15:56 (8)	111	84	86	16	36.8/ORAL CAVITY
	Day 43	2020-07-16 15:59 (15)	112	74	82	17	36.9/ORAL CAVITY
	Day 57	2020-07-28 16:36 (27)	116	78	65	14	36.7/ORAL CAVITY
US2031073	Screening	2020-05-29 13:35 (-4)	134	77	66	18	36.8/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-02 10:24 (1)	137	73	67	16	36.9/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-02 12:28 (1)	134	83	64	16	36.8/ORAL CAVITY
	Day 8	2020-06-09 10:19 (8)	120	65	59	17	37.1/ORAL CAVITY
	Day 15	2020-06-16 10:12 (15)	134	78	62	15	37.1/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-02 15:50 (31)	132	69	62	14	36.9/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-02 17:50 (1)	123	73	62	15	36.8/ORAL CAVITY
	Day 36	2020-07-09 16:38 (8)	120	75	54	16	37.1/ORAL CAVITY
	Day 43	2020-07-15 09:45 (14)	134	77	61	16	36.9/ORAL CAVITY
	Day 57	2020-08-04 17:50 (34)	120	60	68	14	37.1/ORAL CAVITY
US2031079	Screening	2020-06-02 10:56 (-2)	121	81	90	17	37/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-04 15:23 (1)	130	77	80	16	36.7/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2031079	Day 1/ POST-DOSE	2020-06-04 17:48 (1)	126	76	65	15	36.4/ORAL CAVITY
	Day 8	2020-06-12 10:02 (9)	137	67	85	16	36.5/ORAL CAVITY
	Day 15	2020-06-19 09:10 (16)	122	72	72	16	37.1/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-02 09:50 (29)	101	76	90	16	36.6/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-02 11:51 (1)	111	81	89	16	36.7/ORAL CAVITY
	Day 36	2020-07-10 10:06 (9)	109	85	71	15	36.4/ORAL CAVITY
	Day 43	2020-07-17 10:10 (16)	114	72	77	16	37/ORAL CAVITY
	Day 57	2020-07-31 10:12 (30)	121	80	71	15	36.6/ORAL CAVITY
US2031084	Screening	2020-06-05 07:55 (-5)	133	87	66	14	36.7/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-10 13:11 (1)	132	75	78	16	36.8/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-10 15:20 (1)	123	79	63	17	36.9/ORAL CAVITY
	Day 8	2020-06-17 08:02 (8)	135	95	61	16	36.6/ORAL CAVITY
	Day 15	2020-06-22 08:10 (13)	115	78	61	14	36.6/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-08 08:02 (29)	129	79	66	14	36.6/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-08 10:10 (1)	130	86	66	14	36.9/ORAL CAVITY
	Day 36	2020-07-15 10:10 (8)	105	77	73	16	36.7/ORAL CAVITY
	Day 43	2020-07-22 08:10 (15)	116	83	78	15	36.6/ORAL CAVITY
	Day 57	2020-08-05 08:05 (29)	131	79	76	16	36.4/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2041008	Screening	2020-05-26 09:47 (-6)	127	79	80	14	37.1/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-01 14:22 (1)	108	70	84	14	37/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-01 16:32 (1)	118	79	80	18	36.8/ORAL CAVITY
	Day 8	2020-06-08 14:10 (8)	109	77	86	14	36.9/ORAL CAVITY
	Day 15	2020-06-15 14:10 (15)	111	62	82	14	37/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-01 15:10 (31)	109	73	72	14	37/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-01 16:56 (1)	138	98	69	14	36.9/ORAL CAVITY
	Day 36	2020-07-08 10:24 (8)	103	71	75	16	37.2/ORAL CAVITY
	Day 43	2020-07-15 10:17 (15)	111	70	84	14	37.1/ORAL CAVITY
	Day 57	2020-08-11 10:38 (42)	99	68	79	12	37.3/ORAL CAVITY
US2041010	Screening	2020-05-26 10:33 (-3)	104	72	78	15	36.9/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-05-29 13:23 (1)	118	74	74	14	36.9/ORAL CAVITY
	Day 1/ POST-DOSE	2020-05-29 15:58 (1)	112	75	88	14	36.9/ORAL CAVITY
	Day 8	2020-06-08 10:06 (11)	107	72	65	12	36.6/ORAL CAVITY
	Day 15	2020-06-15 09:59 (18)	109	69	66	12	36.6/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-06-29 08:15 (32)	108	68	68	12	36.7/ORAL CAVITY
	Day 29/ POST-DOSE	2020-06-29 09:50 (1)	107	72	67	12	36.6/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2041010	Day 36	2020-07-07 08:15 (9)	102	62	69	12	36.7/ORAL CAVITY
	Day 43	2020-07-14 11:15 (16)	100	68	74	14	36.8/ORAL CAVITY
	Day 57	2020-07-27 13:17 (29)	112	73	74	14	36.9/ORAL CAVITY
US2041024	Screening	2020-05-27 08:03 (-7)	136	88	60	14	36.7/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-03 14:34 (1)	130	73	66	14	36.9/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-03 16:22 (1)	128	82	62	14	37/ORAL CAVITY
	Day 8	2020-06-10 15:49 (8)	129	81	69	16	36.6/ORAL CAVITY
	Day 15	2020-06-18 08:10 (16)	140	73	66	12	37.3/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-02 07:57 (30)	131	74	58	14	36.8/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-02 09:55 (1)	136	62	55	12	36.6/ORAL CAVITY
	Day 36	2020-07-09 13:17 (8)	136	81	66	16	37/ORAL CAVITY
	Day 43	2020-07-16 12:52 (15)	134	80	74	14	37.1/ORAL CAVITY
	Day 57	2020-07-27 08:17 (26)	128	78	67	14	36.8/ORAL CAVITY
US2041026	Screening	2020-05-27 09:25 (-6)	145	90	62	16	37.1/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-02 09:18 (1)	145	81	64	14	37.1/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-02 10:57 (1)	146	80	65	14	37.1/ORAL CAVITY
	Day 8	2020-06-09 09:00 (8)	142	85	70	14	36.6/ORAL CAVITY
	Day 15	2020-06-16 09:12 (15)	141	89	62	12	36.7/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2041026	Day 29/ PRE-DOSE	2020-06-30 13:04 (29)	138	78	62	14	36.8/ORAL CAVITY
	Day 29/ POST-DOSE	2020-06-30 15:09 (1)	136	80	70	14	36.5/ORAL CAVITY
	Day 36	2020-07-07 10:13 (8)	136	76	58	18	36.4/ORAL CAVITY
	Day 43	2020-07-13 08:55 (14)	130	76	60	16	36.7/ORAL CAVITY
	Day 57	2020-07-27 09:45 (28)	138	80	59	14	37.2/ORAL CAVITY
US2041041	Screening	2020-05-27 15:36 (-5)	119	72	88	14	37.2/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-01 16:12 (1)	105	62	60	18	36.6/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-01 18:02 (1)	121	70	65	14	37.1/ORAL CAVITY
	Day 8	2020-06-11 15:42 (11)	104	70	77	12	36.8/ORAL CAVITY
	Day 15	2020-06-18 15:54 (18)	105	71	79	12	37.1/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-06 16:04 (36)	116	67	78	18	36.9/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-06 17:50 (1)	110	82	72	12	36.9/ORAL CAVITY
	Day 36	2020-07-13 16:54 (8)	122	71	79	16	36.6/ORAL CAVITY
	Day 43	2020-07-17 14:45 (12)	119	70	84	14	36.9/ORAL CAVITY
	Day 57	2020-08-03 16:53 (29)	126	82	79	14	36.6/ORAL CAVITY
US2041046	Screening	2020-05-28 07:38 (-7)	128	77	98	14	37/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-04 12:35 (1)	131	76	84	12	37.1/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2041046	Day 1/ POST-DOSE	2020-06-04 14:27 (1)	132	84	59	12	35.8/ORAL CAVITY
	Day 8	2020-06-16 14:45 (13)	138	65	76	14	36.9/ORAL CAVITY
	Day 15	2020-06-18 15:10 (15)	122	73	72	12	37.2/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-02 08:56 (29)	130	68	64	12	37.1/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-02 10:35 (1)	122	68	52	12	37.2/ORAL CAVITY
	Day 36	2020-07-09 14:04 (8)	107	62	74	14	36.8/ORAL CAVITY
	Day 43	2020-07-14 15:54 (13)	128	68	64	16	37/ORAL CAVITY
	Day 57	2020-08-04 15:45 (34)	122	70	65	12	37.2/ORAL CAVITY
US2041048	Screening	2020-05-28 08:36 (-5)	115	81	84	15	37.2/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-02 09:55 (1)	117	78	77	15	37/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-02 11:45 (1)	115	76	79	15	36.7/ORAL CAVITY
	Day 8	2020-06-10 16:07 (9)	98	71	81	12	37/ORAL CAVITY
	Day 15	2020-06-17 16:15 (16)	117	83	80	12	37.3/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-01 14:43 (30)	110	87	86	14	37/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-01 16:45 (1)	111	75	72	14	36.9/ORAL CAVITY
	Day 36	2020-07-09 14:21 (9)	115	79	96	16	37.3/ORAL CAVITY
	Day 43	2020-07-17 13:07 (17)	121	78	76	14	36.8/ORAL CAVITY
	Day 57	2020-08-03 16:30 (34)	121	86	98	14	37.1/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2041060	Screening	2020-05-28 14:32 (-5)	110	79	69	15	36.7/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-02 08:38 (1)	103	79	75	15	37.1/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-02 10:27 (1)	118	74	82	14	35.6/ORAL CAVITY
	Day 8	2020-06-09 12:30 (8)	110	74	74	14	36.9/ORAL CAVITY
	Day 15	2020-06-16 12:35 (15)	120	73	78	12	36.8/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-01 08:20 (30)	107	71	79	12	37.1/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-01 10:33 (1)	110	60	77	12	37.1/ORAL CAVITY
	Day 36	2020-07-08 13:05 (8)	96	51	86	14	36.9/ORAL CAVITY
	Day 43	2020-07-15 13:00 (15)	106	67	76	12	36.8/ORAL CAVITY
	Day 57	2020-08-18 08:27 (49)	107	71	70	12	36.5/ORAL CAVITY
US2041061	Screening	2020-05-28 14:32 (-5)	112	68	67	14	37/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-02 15:21 (1)	110	64	75	15	37/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-02 17:10 (1)	123	70	58	14	36.1/ORAL CAVITY
	Day 8	2020-06-09 15:25 (8)	113	70	78	14	37.3/ORAL CAVITY
	Day 15	2020-06-16 15:29 (15)	109	60	63	12	37.2/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-06 11:15 (35)	115	70	64	12	36.9/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-06 13:15 (1)	108	80	58	12	36.5/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2041061	Day 36	2020-07-15 15:11 (10)	110	60	74	14	37.1/ORAL CAVITY
	Day 43	2020-07-22 15:30 (17)	102	65	66	12	37.2/ORAL CAVITY
	Day 57	2020-08-13 17:12 (39)	115	75	61	12	36.9/ORAL CAVITY
US2041073	Screening	2020-05-29 09:09 (-4)	116	73	63	14	37/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-02 16:40 (1)	114	64	68	12	36.7/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-02 18:37 (1)	110	66	66	12	36.9/ORAL CAVITY
	Day 8	2020-06-09 16:20 (8)	110	64	71	12	37.1/ORAL CAVITY
	Day 15	2020-06-15 16:33 (14)	126	72	80	12	36.8/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-06-30 15:55 (29)	107	70	75	12	36.9/ORAL CAVITY
	Day 29/ POST-DOSE	2020-06-30 17:40 (1)	118	78	72	16	36.6/ORAL CAVITY
	Day 36	2020-07-07 16:02 (8)	126	74	65	16	36.8/ORAL CAVITY
	Day 43	2020-07-14 16:15 (15)	111	61	74	14	36.6/ORAL CAVITY
	Day 57	2020-07-27 16:42 (28)	113	58	69	14	36.7/ORAL CAVITY
US2041079	Screening	2020-05-29 11:49 (-5)	131	73	80	14	37.2/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-03 16:43 (1)	123	68	80	12	37.1/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-03 18:23 (1)	120	60	67	12	36.9/ORAL CAVITY
	Day 8	2020-06-11 16:40 (9)	119	74	76	12	36.8/ORAL CAVITY
	Day 15	2020-06-19 11:15 (17)	116	59	69	12	36.7/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2041079	Day 29/ PRE-DOSE	2020-07-07 14:31 (35)	106	69	77	12	36.8/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-07 16:50 (1)	117	70	65	12	36.9/ORAL CAVITY
	Day 36	2020-07-14 16:18 (8)	117	70	71	14	36.9/ORAL CAVITY
	Day 43	2020-07-24 12:15 (18)	130	83	69	14	36.9/ORAL CAVITY
	Day 57	2020-08-07 09:25 (32)	131	77	67	14	36.6/ORAL CAVITY
US2041080	Screening	2020-05-29 11:55 (-5)	108	73	82	12	37.2/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-03 16:42 (1)	104	62	62	15	36.6/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-03 18:52 (1)	130	82	49	14	36.8/ORAL CAVITY
	Day 8	2020-06-11 16:34 (9)	113	69	72	12	37/ORAL CAVITY
	Day 15	2020-06-19 11:30 (17)	102	72	62	12	36/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-01 15:41 (29)	115	76	61	15	36.5/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-01 17:40 (1)	130	91	56	12	35/ORAL CAVITY
	Day 36	2020-07-09 16:31 (9)	114	78	62	12	36.7/ORAL CAVITY
	Day 43	2020-07-14 16:24 (14)	99	70	63	14	36.6/ORAL CAVITY
	Day 57	2020-07-28 17:26 (28)	99	64	69	12	36.7/ORAL CAVITY
US2041084	Screening	2020-06-01 12:11 (-3)	109	75	80	14	37.2/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-04 11:45 (1)	127	75	85	14	36.8/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2041084	Day 1/ POST-DOSE	2020-06-04 13:42 (1)	117	82	83	14	36.7/ORAL CAVITY
	Day 8	2020-06-11 12:18 (8)	99	67	77	14	36.8/ORAL CAVITY
	Day 15	2020-06-18 12:05 (15)	107	61	80	12	36.8/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-02 12:06 (29)	118	72	78	14	36.8/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-02 13:55 (1)	113	72	72	12	36.9/ORAL CAVITY
	Day 36	2020-07-09 12:59 (8)	108	70	75	12	36.9/ORAL CAVITY
	Day 43	2020-07-16 13:26 (15)	116	60	78	14	36.6/ORAL CAVITY
	Day 57	2020-08-05 13:12 (35)	112	71	72	12	37.2/ORAL CAVITY
US2051001	Screening	2020-05-26 09:00 (-9)	118	68	70	16	36.7/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-04 08:45 (1)	115	73	74	14	36.9/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-04 10:51 (1)	121	78	65	14	36.7/ORAL CAVITY
	Day 8	2020-06-11 14:44 (8)	123	78	69	14	36.7/ORAL CAVITY
	Day 15	2020-06-16 08:43 (13)	115	50	68	14	36.5/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-02 08:12 (29)	112	76	71	12	36/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-02 10:35 (1)	109	68	65	12	36.4/ORAL CAVITY
	Day 36	2020-07-10 08:19 (9)	116	67	75	15	37.1/ORAL CAVITY
	Day 43	2020-07-15 07:55 (14)	119	65	78	15	36.4/ORAL CAVITY
	Day 57	2020-07-29 08:26 (28)	105	60	66	13	36.6/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2051002	Screening	2020-05-26 09:50 (-7)	105	68	64	14	37.2/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-02 11:53 (1)	122	74	64	14	36.8/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-02 14:11 (1)	118	75	71	15	36.8/ORAL CAVITY
	Day 8	2020-06-09 11:45 (8)	112	68	57	15	36.6/ORAL CAVITY
	Day 15	2020-06-16 11:48 (15)	125	75	63	16	37/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-02 09:18 (31)	105	66	72	16	36.7/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-02 11:26 (1)	104	65	54	15	36/ORAL CAVITY
	Day 36	2020-07-10 11:45 (9)	119	79	80	16	36.9/ORAL CAVITY
	Day 43	2020-07-17 11:40 (16)	109	65	68	16	36.1/ORAL CAVITY
	Day 57	2020-07-27 11:55 (26)	105	74	75	15	36.7/ORAL CAVITY
US2051003	Screening	2020-05-26 09:33 (-3)	126	79	68	15	36.3/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-05-29 12:12 (1)	118	76	71	14	36.9/ORAL CAVITY
	Day 1/ POST-DOSE	2020-05-29 14:45 (1)	119	82	74	14	36.5/ORAL CAVITY
	Day 8	2020-06-05 09:21 (8)	125	76	76	14	36.6/ORAL CAVITY
	Day 15	2020-06-15 09:27 (18)	126	69	74	14	37/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-06-23 09:44 (26)	126	87	71	15	36.7/ORAL CAVITY
	Day 29/ POST-DOSE	2020-06-23 12:29 (1)	95	88	58	16	36.9/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2051003	Day 36	2020-06-30 09:10 (8)	131	81	84	16	36.7/ORAL CAVITY
	Day 43	2020-07-10 09:09 (18)	111	78	87	14	36.8/ORAL CAVITY
	Day 57	2020-07-28 10:24 (36)	118	72	76	16	36.8/ORAL CAVITY
US2051012	Screening	2020-05-27 12:15 (-6)	129	81	65	15	36.5/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-02 13:19 (1)	125	81	69	16	36.5/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-02 15:35 (1)	114	71	65	16	36.4/ORAL CAVITY
	Day 8	2020-06-10 14:52 (9)	116	81	62	14	36.9/ORAL CAVITY
	Day 15	2020-06-17 15:02 (16)	128	69	68	14	37/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-01 10:52 (30)	112	76	76	15	36.7/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-01 13:18 (1)	110	74	62	14	36.7/ORAL CAVITY
	Day 36	2020-07-10 11:44 (10)	119	68	65	14	36.6/ORAL CAVITY
	Day 43	2020-07-17 11:46 (17)	117	70	71	15	36.5/ORAL CAVITY
	Day 57	2020-07-27 11:56 (27)	123	84	78	14	36.6/ORAL CAVITY
US2051013	Screening	2020-05-27 12:55 (-7)	115	73	65	16	36.9/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-03 11:19 (1)	131	53	65	14	36.8/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-03 13:48 (1)	113	81	63	16	36.4/ORAL CAVITY
	Day 8	2020-06-10 11:05 (8)	113	71	69	15	36.2/ORAL CAVITY
	Day 15	2020-06-15 11:14 (13)	128	77	73	14	36.8/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2051013	Day 29/ PRE-DOSE	2020-07-01 14:44 (29)	128	79	60	14	36.9/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-01 16:32 (1)	114	67	57	14	36.7/ORAL CAVITY
	Day 36	2020-07-08 12:07 (8)	112	63	64	14	36.2/ORAL CAVITY
	Day 43	2020-07-13 12:02 (13)	114	66	66	16	36.4/ORAL CAVITY
	Day 57	2020-07-29 12:20 (29)	132	65	72	14	36.5/ORAL CAVITY
US2051017	Screening	2020-05-27 14:22 (-9)	112	64	77	16	36.8/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-05 12:37 (1)	130	83	65	14	36.8/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-05 14:35 (1)	113	59	62	16	36.4/ORAL CAVITY
	Day 8	2020-06-12 08:05 (8)	119	58	70	16	36.5/ORAL CAVITY
	Day 15	2020-06-18 08:14 (14)	112	60	69	15	36.1/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-07 08:35 (33)	118	75	56	16	36.8/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-07 10:50 (1)	122	81	59	16	36.1/ORAL CAVITY
	Day 36	2020-07-14 08:14 (8)	110	73	71	15	36.7/ORAL CAVITY
	Day 43	2020-07-21 08:16 (15)	129	69	68	14	36.4/ORAL CAVITY
	Day 57	2020-07-29 08:29 (23)	110	65	64	14	36.6/ORAL CAVITY
US2051019	Screening	2020-05-27 15:07 (-13)	130	79	51	12	36.6/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-09 09:43 (1)	109	72	60	16	36.6/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2051019	Day 1/ POST-DOSE	2020-06-09 11:53 (1)	110	73	70	16	36.8/ORAL CAVITY
	Day 8	2020-06-16 15:40 (8)	107	79	58	16	36.9/ORAL CAVITY
	Day 15	2020-06-22 15:27 (14)	106	74	56	16	36.7/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-07 14:19 (29)	100	70	52	12	36.9/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-07 16:11 (1)	120	91	57	12	37/ORAL CAVITY
	Day 36	2020-07-15 14:53 (9)	115	66	54	16	36.7/ORAL CAVITY
	Day 43	2020-07-20 15:50 (14)	121	79	51	12	36.7/ORAL CAVITY
	Day 57	2020-08-10 15:36 (35)	124	73	60	14	37.1/ORAL CAVITY
US2051020	Screening	2020-05-27 15:50 (-8)	116	78	66	16	36.7/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-04 10:48 (1)	131	88	55	14	37.6/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-04 12:49 (1)	130	91	52	16	36.7/ORAL CAVITY
	Day 8	2020-06-11 15:26 (8)	123	79	54	16	37.3/ORAL CAVITY
	Day 15	2020-06-17 15:17 (14)	121	71	78	16	37.2/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-02 13:14 (29)	114	82	61	14	37/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-02 15:29 (1)	146	89	64	14	36.7/ORAL CAVITY
	Day 36	2020-07-09 15:13 (8)	114	83	66	14	36.4/ORAL CAVITY
	Day 43	2020-07-14 15:19 (13)	126	88	55	15	36.5/ORAL CAVITY
	Day 57	2020-08-03 14:54 (33)	122	85	69	14	36.8/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2051024	Screening	2020-05-28 09:40 (-5)	117	66	68	14	37/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-02 09:14 (1)	100	55	69	14	36.6/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-02 12:00 (1)	115	81	79	16	36.8/ORAL CAVITY
	Day 8	2020-06-09 09:11 (8)	90	61	71	12	36.8/ORAL CAVITY
	Day 15	2020-06-16 09:12 (15)	99	74	72	12	36.6/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-07 10:14 (36)	110	60	71	15	36.8/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-07 12:01 (1)	120	64	62	16	36.2/ORAL CAVITY
	Day 36	2020-07-14 10:02 (8)	95	59	74	14	37.2/ORAL CAVITY
	Day 43	2020-07-21 10:05 (15)	93	64	72	15	37.1/ORAL CAVITY
	Day 57	2020-07-28 10:13 (22)	106	61	65	12	36.1/ORAL CAVITY
US2051025	Screening	2020-05-28 10:18 (-8)	112	68	58	16	37/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-05 11:05 (1)	113	82	70	15	37/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-05 13:38 (1)	127	70	73	12	36.4/ORAL CAVITY
	Day 8	2020-06-12 08:35 (8)	128	77	76	15	36.5/ORAL CAVITY
	Day 15	2020-06-18 10:43 (14)	121	80	88	14	36.5/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-09 09:16 (35)	112	72	73	15	36.7/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-09 11:23 (1)	123	77	75	16	36/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2051025	Day 36	2020-07-16 08:03 (8)	118	71	73	14	37.1/ORAL CAVITY
	Day 43	2020-07-23 09:09 (15)	111	57	78	15	36.9/ORAL CAVITY
	Day 57	2020-07-30 08:10 (22)	111	73	83	14	36.6/ORAL CAVITY
US2051026	Screening	2020-05-28 10:55 (-5)	122	88	65	16	36.6/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-02 09:05 (1)	110	76	66	16	36.6/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-02 11:33 (1)	126	76	58	16	36.7/ORAL CAVITY
	Day 8	2020-06-09 09:05 (8)	123	68	74	16	36.7/ORAL CAVITY
	Day 15	2020-06-16 09:08 (15)	121	84	65	16	36.6/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-06-30 09:06 (29)	121	68	63	15	36.9/ORAL CAVITY
	Day 29/ POST-DOSE	2020-06-30 11:13 (1)	130	72	53	16	36.5/ORAL CAVITY
	Day 36	2020-07-07 09:15 (8)	131	75	73	15	37.1/ORAL CAVITY
	Day 43	2020-07-14 09:20 (15)	136	83	62	12	36.9/ORAL CAVITY
	Day 57	2020-08-04 09:14 (36)	130	77	75	12	36.9/ORAL CAVITY
US2051028	Screening	2020-05-28 11:50 (-7)	128	81	62	14	36.6/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-04 12:53 (1)	116	78	74	12	36.9/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-04 15:06 (1)	124	79	65	16	36.5/ORAL CAVITY
	Day 8	2020-06-11 11:18 (8)	115	84	72	14	36.4/ORAL CAVITY
	Day 15	2020-06-15 11:22 (12)	125	84	74	14	35.8/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2051028	Day 29/ PRE-DOSE	2020-07-02 09:10 (29)	123	68	68	12	36.7/ORAL CAVITY
	Day 36	2020-07-09 11:21 (36)	118	72	64	15	36.5/ORAL CAVITY
	Day 43	2020-07-16 11:08 (43)	127	72	76	14	36.2/ORAL CAVITY
	Day 57	2020-07-27 11:16 (54)	117	90	63	12	36.8/ORAL CAVITY
US2051029	Screening	2020-05-28 12:18 (-7)	107	67	69	14	37.1/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-04 10:25 (1)	120	70	76	15	36.9/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-04 12:10 (1)	105	64	66	15	36.8/ORAL CAVITY
	Day 8	2020-06-11 11:56 (8)	104	64	87	15	36.6/ORAL CAVITY
	Day 15	2020-06-18 11:49 (15)	112	70	81	14	36.7/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-09 11:43 (36)	121	64	75	14	36.8/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-09 13:45 (1)	115	68	77	14	36.8/ORAL CAVITY
	Day 36	2020-07-16 12:46 (8)	111	54	86	12	38.6/ORAL CAVITY
	Day 43	2020-07-20 11:35 (12)	101	55	78	12	36.7/ORAL CAVITY
	Day 57	2020-07-30 12:24 (22)	117	76	70	14	36.8/ORAL CAVITY
US2051030	Screening	2020-05-28 13:03 (-6)	118	70	72	16	37.4/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-03 08:45 (1)	108	69	73	14	36.5/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-03 11:03 (1)	103	69	56	14	36.4/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2051030	Day 8	2020-06-11 12:20 (9)	101	68	63	14	36.8/ORAL CAVITY
	Day 15	2020-06-18 12:07 (16)	105	66	60	15	36.7/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-06 12:11 (34)	97	54	65	16	36.7/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-06 14:19 (1)	110	54	62	16	37.2/ORAL CAVITY
	Day 36	2020-07-14 08:28 (9)	98	60	64	14	37/ORAL CAVITY
	Day 43	2020-07-21 08:27 (16)	103	53	82	12	36.1/ORAL CAVITY
	Day 57	2020-08-04 08:28 (30)	95	59	76	15	36.5/ORAL CAVITY
US2051045	Screening	2020-06-03 14:25 (-7)	122	90	96	16	37.5/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-10 12:19 (1)	124	88	96	15	36.7/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-10 14:24 (1)	155	88	80	16	36.7/ORAL CAVITY
	Day 8	2020-06-17 14:35 (8)	129	89	95	15	36.8/ORAL CAVITY
	Day 15	2020-06-24 15:33 (15)	135	88	95	15	38/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-08 14:55 (29)	123	72	82	16	36.8/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-08 16:55 (1)	134	96	77	14	36.7/ORAL CAVITY
	Day 36	2020-07-16 15:47 (9)	142	103	97	14	36.9/ORAL CAVITY
	Day 43	2020-07-21 15:48 (14)	149	101	99	12	36.3/ORAL CAVITY
	Day 57	2020-08-04 13:44 (28)	141	100	85	14	36.6/ORAL CAVITY
US2061008	Screening	2020-05-28 13:34 (-6)	128	81	65	16	36.7/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2061008	Day 1/ PRE-DOSE	2020-06-03 13:06 (1)	116	83	71	16	36.8/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-03 15:33 (1)	138	72	55	16	36.7/ORAL CAVITY
	Day 8	2020-06-11 13:10 (9)	132	76	47	16	35.8/ORAL CAVITY
	Day 15	2020-06-16 13:20 (14)	116	69	59	16	37.1/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-06 08:14 (34)	129	80	61	16	36.6/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-06 10:41 (1)	122	82	53	16	36.6/ORAL CAVITY
	Day 36	2020-07-13 13:04 (8)	125	88	70	16	36.7/ORAL CAVITY
	Day 43	2020-07-20 13:03 (15)	122	76	76	16	36.4/ORAL CAVITY
	Day 57	2020-08-03 13:17 (29)	127	79	56	16	36.6/ORAL CAVITY
US2061010	Screening	2020-05-28 14:48 (-6)	104	63	54	16	37.2/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-03 08:32 (1)	129	80	58	16	36.3/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-03 10:52 (1)	147	93	60	14	36.3/ORAL CAVITY
	Day 8	2020-06-10 16:35 (8)	123	77	61	16	36.9/ORAL CAVITY
	Day 15	2020-06-17 16:45 (15)	121	64	63	14	37.2/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-08 08:12 (36)	126	81	64	16	36.4/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-08 10:36 (1)	118	79	40	14	36.4/ORAL CAVITY
	Day 36	2020-07-15 09:15 (8)	129	85	57	16	36.5/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2061010	Day 43	2020-07-22 08:22 (15)	113	77	56	16	36.8/ORAL CAVITY
	Day 57	2020-08-04 11:10 (28)	116	65	47	16	36.6/ORAL CAVITY
US2061020	Screening	2020-05-29 10:55 (-10)	140	89	79	14	37/ORAL CAVITY
	Unscheduled	2020-06-05 14:33 (-3)	135	84	96	16	36.4/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-08 17:12 (1)	133	82	96	16	36.6/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-08 19:13 (1)	130	78	83	16	36.4/ORAL CAVITY
	Day 8	2020-06-16 09:09 (9)	135	84	83	14	36.4/ORAL CAVITY
	Day 15	2020-06-22 08:59 (15)	116	79	80	17	36.6/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-07 08:10 (30)	115	77	83	16	36.4/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-07 10:24 (1)	125	82	75	16	36.2/ORAL CAVITY
	Day 36	2020-07-14 10:36 (8)	117	82	89	20	36.7/ORAL CAVITY
	Day 43	2020-07-21 11:00 (15)	129	79	77	16	36.4/ORAL CAVITY
	Day 57	2020-08-04 08:59 (29)	117	78	73	16	36.7/ORAL CAVITY
US2061023	Screening	2020-05-29 13:53 (-7)	125	77	63	16	36.7/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-05 10:15 (1)	133	78	53	16	36.9/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-05 12:39 (1)	127	75	63	16	36.8/ORAL CAVITY
	Unscheduled	2020-06-11 10:03 (7)	115	87	67	16	36.4/ORAL CAVITY
	Day 8	2020-06-15 08:08 (11)	128	86	52	16	36.1/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2061023	Day 15	2020-06-17 10:15 (13)	135	84	47	16	36.4/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-06 08:17 (32)	117	75	62	14	36.7/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-06 10:48 (1)	110	78	57	14	36.8/ORAL CAVITY
	Day 36	2020-07-13 08:08 (8)	98	67	57	16	36.4/ORAL CAVITY
	Day 43	2020-07-20 08:08 (15)	130	85	80	16	36.4/ORAL CAVITY
	Day 57	2020-08-03 08:24 (29)	117	86	68	16	36.9/ORAL CAVITY
US2061025	Screening	2020-05-29 16:10 (-5)	122	82	63	16	36.8/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-03 15:27 (1)	118	77	63	16	37.4/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-03 18:45 (1)	139	83	51	14	37.3/ORAL CAVITY
	Day 8	2020-06-10 14:10 (8)	113	77	64	16	36.6/ORAL CAVITY
	Day 15	2020-06-19 14:18 (17)	112	71	66	16	36.8/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-01 13:03 (29)	114	77	80	18	37.4/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-01 16:29 (1)	108	75	60	14	37/ORAL CAVITY
	Day 36	2020-07-10 08:18 (10)	113	72	72	16	37/ORAL CAVITY
	Day 43	2020-07-17 08:15 (17)	118	79	63	16	37.2/ORAL CAVITY
	Day 57	2020-07-31 13:47 (31)	115	70	64	16	37.1/ORAL CAVITY
US2061027	Screening	2020-06-02 14:23 (-3)	106	71	68	14	36.9/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2061027	Day 1/ PRE-DOSE	2020-06-05 13:29 (1)	116	76	83	16	36.6/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-05 16:05 (1)	124	84	62	16	37/ORAL CAVITY
	Day 8	2020-06-12 10:52 (8)	121	76	84	14	36.6/ORAL CAVITY
	Day 15	2020-06-16 13:47 (12)	110	68	81	16	35.9/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-08 13:23 (34)	119	82	94	20	36.4/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-08 16:07 (1)	115	73	62	16	36.6/ORAL CAVITY
	Day 36	2020-07-15 14:11 (8)	140	86	77	16	36.4/ORAL CAVITY
	Day 43	2020-07-21 12:08 (14)	113	86	79	16	36/ORAL CAVITY
	Day 57	2020-08-06 14:03 (30)	107	77	87	16	36.1/ORAL CAVITY
US2071002	Screening	2020-05-22 13:09 (-10)	110	78	82	14	37/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-01 09:17 (1)	100	68	78	12	36.5/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-01 12:43 (1)	114	82	72	14	36.1/ORAL CAVITY
	Day 8	2020-06-09 09:55 (9)	110	78	76	14	37/ORAL CAVITY
	Day 15	2020-06-12 12:36 (12)	108	76	72	14	36.2/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-06-30 12:10 (30)	108	74	82	14	36.3/ORAL CAVITY
	Day 29/ POST-DOSE	2020-06-30 14:49 (1)	108	78	74	16	36.3/ORAL CAVITY
	Day 36	2020-07-09 15:40 (10)	120	60	84	16	37.3/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2071016	Screening	2020-05-25 16:59 (-9)	114	74	66	12	36.6/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-03 13:16 (1)	112	72	70	12	36.4/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-03 15:10 (1)	120	60	64	16	36.2/ORAL CAVITY
	Day 8	2020-06-10 16:33 (8)	100	74	64	12	36.6/ORAL CAVITY
	Day 15	2020-06-17 16:49 (15)	118	78	74	14	36.8/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-08 12:06 (36)	100	68	72	16	37.1/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-08 13:58 (1)	104	68	70	16	36.3/ORAL CAVITY
	Day 36	2020-07-16 15:34 (9)	118	70	68	14	36.5/ORAL CAVITY
	Day 43	2020-07-20 16:20 (13)	110	82	66	14	36.8/ORAL CAVITY
US2071026	Screening	2020-05-26 11:27 (-13)	130	78	60	12	36.7/ORAL CAVITY
	Day 8	2020-06-15 14:25 (8)	140	78	68	14	36.7/ORAL CAVITY
	Day 15	2020-06-19 14:08 (12)	130	80	78	16	36.3/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-13 13:45 (36)	126	82	68	14	36.9/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-13 15:50 (1)	120	84	76	16	36.8/ORAL CAVITY
	Day 36	2020-07-20 14:21 (8)	140	80	76	16	36.6/ORAL CAVITY
	Day 43	2020-07-30 14:13 (18)	110	76	60	14	36.9/ORAL CAVITY
	Day 57	2020-08-12 14:20 (31)	145	73	70	14	36.8/ORAL CAVITY
US2071036	Screening	2020-05-27 10:32 (-12)	110	78	65	14	36.8/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2071036	Day 1/ PRE-DOSE	2020-06-08 14:10 (1)	118	68	72	14	37.1/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-08 16:25 (1)	120	74	72	16	36.4/ORAL CAVITY
	Day 8	2020-06-15 15:30 (8)	120	78	68	14	36.4/ORAL CAVITY
	Day 15	2020-06-22 13:28 (15)	124	72	64	16	36.8/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-13 12:10 (36)	124	78	76	16	36.7/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-13 13:49 (1)	120	68	68	12	36.9/ORAL CAVITY
	Day 36	2020-07-20 08:20 (8)	124	80	74	16	36.7/ORAL CAVITY
	Day 43	2020-07-29 14:33 (17)	112	76	80	16	37/ORAL CAVITY
	Day 57	2020-08-11 14:29 (30)	114	63	81	12	36.7/ORAL CAVITY
US2071038	Screening	2020-05-27 12:19 (-8)	118	78	80	16	36.7/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-04 12:49 (1)	124	78	78	14	37.1/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-04 15:03 (1)	126	78	78	16	36.6/ORAL CAVITY
	Day 8	2020-06-11 08:13 (8)	110	78	78	14	36.4/ORAL CAVITY
	Day 15	2020-06-16 08:15 (13)	124	74	68	14	36.6/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-13 08:13 (40)	140	78	80	14	36.2/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-13 10:20 (1)	122	72	80	14	35.9/ORAL CAVITY
	Day 36	2020-07-20 08:26 (8)	126	84	78	16	36.6/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2071038	Day 43	2020-07-29 08:54 (17)	118	78	82	16	36.6/ORAL CAVITY
	Day 57	2020-08-11 14:39 (30)	118	80	80	12	36.5/ORAL CAVITY
US2071039	Screening	2020-05-27 16:48 (-9)	106	68	80	14	36.7/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-05 15:45 (1)	108	76	82	16	35.9/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-05 17:54 (1)	110	74	62	12	36.2/ORAL CAVITY
	Day 8	2020-06-15 15:55 (11)	128	72	80	14	36.4/ORAL CAVITY
	Day 15	2020-06-22 16:09 (18)	110	68	68	12	36.4/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-13 14:42 (39)	108	70	88	16	37.2/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-13 16:18 (1)	110	64	78	12	36.3/ORAL CAVITY
	Day 36	2020-07-21 16:31 (9)	120	74	64	12	37.1/ORAL CAVITY
	Day 43	2020-07-30 16:12 (18)	120	78	84	16	36.5/ORAL CAVITY
	Day 57	2020-08-13 16:26 (32)	107	71	73	12	36.8/ORAL CAVITY
US2071040	Screening	2020-05-28 08:45 (-11)	118	78	72	16	36.6/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-08 11:45 (1)	100	70	74	14	36.4/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-08 14:01 (1)	120	78	68	16	36.6/ORAL CAVITY
	Day 8	2020-06-15 12:38 (8)	108	70	70	14	36.5/ORAL CAVITY
	Day 15	2020-06-19 15:26 (12)	120	84	72	14	37/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2071040	Day 29/ PRE-DOSE	2020-07-13 11:54 (36)	122	74	74	14	37.1/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-13 13:42 (1)	110	78	64	12	36.7/ORAL CAVITY
	Day 36	2020-07-20 10:29 (8)	100	70	68	12	36.7/ORAL CAVITY
	Day 43	2020-07-28 14:14 (16)	108	74	78	14	36.9/ORAL CAVITY
	Day 57	2020-08-10 11:21 (29)	117	81	62	18	36.8/ORAL CAVITY
US2071051	Screening	2020-05-29 10:02 (-7)	110	76	66	12	36.7/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-05 13:43 (1)	118	78	80	16	37.3/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-05 15:55 (1)	114	70	80	12	37/ORAL CAVITY
	Day 8	2020-06-12 09:21 (8)	102	78	84	14	37.3/ORAL CAVITY
	Day 15	2020-06-17 09:38 (13)	122	68	72	14	37/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-07 10:16 (33)	112	74	72	14	37.1/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-07 12:17 (1)	120	78	74	14	37.1/ORAL CAVITY
	Day 36	2020-07-15 11:31 (9)	120	76	80	14	36.4/ORAL CAVITY
	Day 43	2020-07-21 11:20 (15)	120	68	78	12	36.5/ORAL CAVITY
	Day 57	2020-08-03 10:32 (28)	112	78	86	12	36.3/ORAL CAVITY
US2071068	Screening	2020-06-01 17:16 (-7)	120	80	60	12	36.9/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-08 15:21 (1)	122	82	64	14	37.1/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2071068	Day 1/ POST-DOSE	2020-06-08 17:32 (1)	118	78	70	14	36.6/ORAL CAVITY
	Day 8	2020-06-15 14:13 (8)	124	80	68	14	37/ORAL CAVITY
	Day 15	2020-06-22 15:52 (15)	120	82	80	16	36.6/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-08 13:24 (31)	114	70	66	14	36.3/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-08 15:00 (1)	120	78	70	16	36.5/ORAL CAVITY
	Day 36	2020-07-15 13:41 (8)	126	80	68	16	36.5/ORAL CAVITY
	Day 43	2020-07-20 13:41 (13)	120	78	60	12	36.9/ORAL CAVITY
	Day 57	2020-08-04 14:38 (28)	126	79	62	16	36.8/ORAL CAVITY
US2071069	Screening	2020-06-02 10:31 (-6)	122	70	64	16	36.3/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-08 09:51 (1)	120	76	78	16	36.4/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-08 11:50 (1)	110	78	76	16	36.7/ORAL CAVITY
	Day 8	2020-06-16 09:01 (9)	124	70	74	14	36.7/ORAL CAVITY
	Day 15	2020-06-24 12:05 (17)	112	72	84	14	36.3/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-13 10:10 (36)	108	78	76	16	36.7/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-13 11:39 (1)	112	76	77	14	36.6/ORAL CAVITY
	Day 36	2020-07-20 09:49 (8)	124	80	70	14	36.2/ORAL CAVITY
	Day 43	2020-07-28 11:08 (16)	122	78	70	16	36.2/ORAL CAVITY
	Day 57	2020-08-17 10:43 (36)	124	76	79	14	36.8/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2071071	Screening	2020-06-02 12:01 (-3)	120	74	68	12	36.6/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-05 11:20 (1)	122	78	70	12	36.6/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-05 13:55 (1)	124	78	74	14	36.8/ORAL CAVITY
	Day 8	2020-06-12 11:11 (8)	118	62	72	16	36.6/ORAL CAVITY
	Day 15	2020-06-19 10:52 (15)	108	70	72	16	37/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-07 09:55 (33)	112	60	78	16	36.3/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-07 12:52 (1)	112	64	62	14	37.2/ORAL CAVITY
	Day 36	2020-07-14 11:30 (8)	114	68	74	16	37/ORAL CAVITY
	Day 43	2020-07-23 15:00 (17)	112	76	68	14	36.5/ORAL CAVITY
	Day 57	2020-08-11 12:42 (36)	118	80	84	12	37.1/ORAL CAVITY
US2071073	Screening	2020-06-02 15:26 (-6)	106	72	74	12	36.6/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-08 10:56 (1)	108	68	68	14	36.8/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-08 13:15 (1)	112	70	70	16	36.2/ORAL CAVITY
	Day 8	2020-06-16 12:04 (9)	108	70	68	14	36.3/ORAL CAVITY
	Day 15	2020-06-22 10:03 (15)	124	80	68	14	36.5/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-07 09:53 (30)	98	60	72	16	37.1/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-07 11:38 (1)	122	68	68	16	36.6/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2071073	Day 36	2020-07-15 09:54 (9)	122	74	76	16	36.7/ORAL CAVITY
	Day 43	2020-07-22 08:56 (16)	128	64	68	16	36.4/ORAL CAVITY
	Day 57	2020-08-04 09:50 (29)	114	74	74	16	36.6/ORAL CAVITY
US2071077	Screening	2020-06-03 12:54 (-5)	140	78	64	12	36.8/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-08 12:36 (1)	120	80	68	14	37/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-08 14:16 (1)	110	70	70	14	36.7/ORAL CAVITY
	Day 8	2020-06-15 12:10 (8)	130	74	74	14	36.8/ORAL CAVITY
	Day 15	2020-06-22 11:57 (15)	130	74	76	12	37.3/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-10 08:47 (33)	124	62	68	14	36.2/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-10 11:00 (1)	112	60	64	16	36.6/ORAL CAVITY
	Day 36	2020-07-17 11:18 (8)	110	78	68	14	36.9/ORAL CAVITY
	Day 43	2020-07-23 12:06 (14)	124	76	68	14	37.1/ORAL CAVITY
	Day 57	2020-08-04 16:16 (26)	114	68	60	16	36.7/ORAL CAVITY
US2081023	Screening	2020-05-28 13:28 (-6)	134	87	49	17	36.4/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-03 13:15 (1)	130	76	72	19	37/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-03 14:51 (1)	129	71	49	17	36.7/ORAL CAVITY
	Day 15	2020-06-18 08:58 (16)	112	76	60	18	36.4/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2081023	Day 29/ PRE-DOSE	2020-07-07 09:12 (35)	112	69	75	18	36.5/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-07 10:48 (1)	130	78	47	17	36.6/ORAL CAVITY
	Day 36	2020-07-14 09:16 (8)	111	84	70	12	36.6/ORAL CAVITY
	Day 43	2020-07-20 09:05 (14)	114	70	62	17	36.4/ORAL CAVITY
	Day 57	2020-08-05 15:15 (30)	118	70	60	17	36.1/ORAL CAVITY
US2081025	Screening	2020-05-28 15:12 (-6)	147	95	52	19	36.5/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-03 10:40 (1)	132	80	52	19	36.8/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-03 12:03 (1)	142	85	48	17	36.9/ORAL CAVITY
	Day 8	2020-06-10 12:36 (8)	128	83	57	14	36.7/ORAL CAVITY
	Day 15	2020-06-17 12:36 (15)	132	87	54	17	36.6/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-07 13:10 (35)	126	80	56	17	36.8/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-07 15:04 (1)	127	76	51	16	36.9/ORAL CAVITY
	Day 36	2020-07-14 15:01 (8)	133	90	57	12	36.7/ORAL CAVITY
	Day 43	2020-07-21 15:05 (15)	122	87	68	17	36.6/ORAL CAVITY
	Day 57	2020-08-06 15:07 (31)	128	88	53	16	36.6/ORAL CAVITY
US2081028	Screening	2020-05-29 08:49 (-4)	110	78	80	18	36.4/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-02 13:07 (1)	110	76	80	18	36.7/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2081028	Day 1/ POST-DOSE	2020-06-02 15:02 (1)	134	70	64	17	36.5/ORAL CAVITY
	Day 8	2020-06-08 10:04 (7)	124	76	97	16	36.6/ORAL CAVITY
	Day 15	2020-06-16 10:07 (15)	125	82	97	17	36.4/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-07 09:05 (36)	110	72	71	17	36.5/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-07 10:59 (1)	120	77	65	16	36.4/ORAL CAVITY
	Day 36	2020-07-14 10:37 (8)	116	72	54	17	36.6/ORAL CAVITY
	Day 43	2020-07-21 09:05 (15)	116	72	65	17	36.6/ORAL CAVITY
	Day 57	2020-08-06 14:05 (31)	127	66	58	16	36.6/ORAL CAVITY
US2081045	Screening	2020-06-01 15:07 (-3)	98	64	55	14	36.7/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-04 09:15 (1)	120	72	71	19	36.7/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-04 11:02 (1)	117	70	54	17	36.9/ORAL CAVITY
	Day 8	2020-06-11 11:05 (8)	120	70	54	16	36.5/ORAL CAVITY
	Day 15	2020-06-18 11:08 (15)	106	64	55	17	36.9/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-07 13:15 (34)	111	69	52	17	36.6/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-07 15:19 (1)	94	58	53	12	36.7/ORAL CAVITY
	Day 36	2020-07-14 11:44 (8)	113	77	63	18	36.8/ORAL CAVITY
	Day 43	2020-07-20 13:05 (14)	110	69	52	17	36.7/ORAL CAVITY
	Day 57	2020-08-07 09:53 (32)	124	84	66	18	36.5/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2081051	Screening	2020-06-02 13:49 (-3)	130	65	65	18	36.7/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-05 09:12 (1)	122	70	65	17	36.4/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-05 10:47 (1)	118	68	70	17	36.7/ORAL CAVITY
	Day 8	2020-06-12 10:19 (8)	96	71	73	17	36.7/ORAL CAVITY
	Day 15	2020-06-19 09:35 (15)	118	75	62	17	36.8/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-08 09:05 (34)	91	56	74	17	36.8/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-08 11:00 (1)	125	70	71	18	36.7/ORAL CAVITY
	Day 36	2020-07-14 09:07 (7)	106	73	76	16	36.8/ORAL CAVITY
	Day 43	2020-07-21 10:00 (14)	111	78	73	17	37/ORAL CAVITY
	Day 57	2020-08-10 14:11 (34)	118	78	74	17	36.8/ORAL CAVITY
US2081062	Screening	2020-06-05 08:51 (-3)	132	80	58	14	36.9/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-08 09:00 (1)	120	76	52	17	37/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-08 10:17 (1)	126	76	60	17	36.8/ORAL CAVITY
	Day 8	2020-06-15 12:57 (8)	133	79	62	17	37.3/ORAL CAVITY
	Day 15	2020-06-22 08:05 (15)	123	81	69	17	36.8/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-09 12:05 (32)	119	84	73	17	36.5/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-09 13:59 (1)	125	73	68	17	36.5/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2081062	Day 36	2020-07-17 11:13 (9)	126	89	66	12	36.7/ORAL CAVITY
	Day 43	2020-07-22 08:05 (14)	130	95	75	17	36.4/ORAL CAVITY
	Day 57	2020-08-06 08:10 (29)	124	79	59	18	37/ORAL CAVITY
US2081063	Screening	2020-06-05 10:33 (-3)	116	74	57	14	36.8/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-08 07:55 (1)	126	78	62	18	36.7/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-08 09:24 (1)	112	70	53	17	36.5/ORAL CAVITY
	Day 8	2020-06-15 07:07 (8)	118	74	45	16	36.7/ORAL CAVITY
	Day 15	2020-06-22 07:22 (15)	110	78	60	14	36.7/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-08 09:05 (31)	114	78	64	16	36.4/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-08 11:01 (1)	116	78	56	17	36.6/ORAL CAVITY
	Day 36	2020-07-15 08:30 (8)	110	68	52	17	36.7/ORAL CAVITY
	Day 43	2020-07-22 08:32 (15)	125	72	60	17	36.7/ORAL CAVITY
	Day 57	2020-08-06 08:40 (30)	118	82	67	12	36.7/ORAL CAVITY
US2081064	Screening	2020-06-05 12:05 (-3)	132	78	65	16	36.8/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-08 11:00 (1)	138	76	54	19	36.2/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-08 12:40 (1)	149	70	59	17	37.1/ORAL CAVITY
	Day 8	2020-06-15 12:15 (8)	135	79	82	18	36.7/ORAL CAVITY
	Day 15	2020-06-23 09:05 (16)	126	80	65	17	36.6/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2081064	Day 29/ PRE-DOSE	2020-07-09 09:30 (32)	122	78	81	17	36.6/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-09 11:02 (1)	136	82	62	17	36.4/ORAL CAVITY
	Day 36	2020-07-16 11:19 (8)	118	71	77	14	37/ORAL CAVITY
	Day 43	2020-07-23 12:15 (15)	111	71	80	17	37.1/ORAL CAVITY
	Day 57	2020-08-07 07:37 (30)	124	72	80	14	36.9/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2011007	Screening	2020-05-26 13:56 (-6)	126	68	72	16	37/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-01 12:57 (1)	120	72	67	14	37/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-01 15:56 (1)	119	70	58	14	36.7/ORAL CAVITY
	Day 8	2020-06-08 12:23 (8)	101	73	71	14	37.1/ORAL CAVITY
	Day 15	2020-06-15 12:06 (15)	114	78	66	16	36.9/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-06-29 12:06 (29)	122	64	72	14	37.2/ORAL CAVITY
	Day 29/ POST-DOSE	2020-06-29 14:35 (1)	128	62	68	14	36.8/ORAL CAVITY
	Day 36	2020-07-06 12:12 (8)	102	59	68	16	37.6/ORAL CAVITY
	Day 43	2020-07-13 12:08 (15)	104	64	67	14	37/ORAL CAVITY
	Day 57	2020-07-27 12:22 (29)	125	78	61	16	37/ORAL CAVITY
US2011011	Screening	2020-05-26 15:21 (-3)	126	85	72	12	36.8/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-05-29 14:35 (1)	134	87	80	14	37.1/ORAL CAVITY
	Day 1/ POST-DOSE	2020-05-29 16:50 (1)	138	86	59	14	36.7/ORAL CAVITY
	Day 8	2020-06-05 10:24 (8)	128	88	74	12	36.6/ORAL CAVITY
	Day 15	2020-06-12 09:07 (15)	127	90	66	12	37.1/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-06-26 09:15 (29)	128	90	60	14	36.6/ORAL CAVITY
	Day 29/ POST-DOSE	2020-06-26 11:31 (1)	122	78	56	14	36.6/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2011011	Day 36	2020-07-03 10:10 (8)	110	82	77	14	36.9/ORAL CAVITY
	Day 43	2020-07-10 10:07 (15)	106	88	77	14	36.8/ORAL CAVITY
	Day 57	2020-07-24 10:41 (29)	123	86	73	14	37/ORAL CAVITY
US2011023	Screening	2020-05-27 07:52 (-6)	118	78	64	14	36.8/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-02 15:17 (1)	111	78	65	13	36.8/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-02 17:43 (1)	120	76	58	14	36.9/ORAL CAVITY
	Day 8	2020-06-09 07:07 (8)	116	84	63	14	36.7/ORAL CAVITY
	Day 15	2020-06-16 15:00 (15)	122	83	59	12	37.1/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-02 15:46 (31)	123	88	76	16	36.8/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-02 18:45 (1)	120	68	70	16	37.1/ORAL CAVITY
	Day 36	2020-07-09 13:46 (8)	122	76	63	14	37/ORAL CAVITY
	Day 43	2020-07-16 15:05 (15)	129	86	61	14	36.7/ORAL CAVITY
	Day 57	2020-07-30 16:00 (29)	128	78	66	16	37.1/ORAL CAVITY
US2011109	Screening	2020-06-11 10:41 (-15)	118	76	73	14	36.9/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-26 10:11 (1)	122	75	76	14	36.8/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-26 13:25 (1)	122	62	72	14	36.3/ORAL CAVITY
	Day 8	2020-07-03 10:02 (8)	122	60	72	14	36.9/ORAL CAVITY
	Day 15	2020-07-10 10:02 (15)	112	61	74	14	36.8/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2011109	Day 29/ PRE-DOSE	2020-07-24 10:27 (29)	111	67	74	14	36.8/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-24 12:33 (1)	122	60	66	16	36.5/ORAL CAVITY
	Day 36	2020-07-31 10:09 (8)	111	66	67	14	36.9/ORAL CAVITY
	Day 43	2020-08-07 10:25 (15)	110	68	66	14	36.8/ORAL CAVITY
	Day 57	2020-08-21 10:12 (29)	98	65	77	16	37/ORAL CAVITY
US2011114	Screening	2020-06-12 11:30 (-14)	130	88	77	12	36.7/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-26 09:58 (1)	130	84	62	14	36.6/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-26 13:00 (1)	140	74	68	14	36.6/ORAL CAVITY
	Day 8	2020-07-03 10:05 (8)	130	90	65	14	36.9/ORAL CAVITY
	Day 15	2020-07-10 10:06 (15)	135	82	70	14	37.1/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-24 09:43 (29)	126	74	62	14	36.7/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-24 12:02 (1)	127	83	62	14	36.4/ORAL CAVITY
	Day 36	2020-07-31 09:50 (8)	140	81	67	16	37.1/ORAL CAVITY
	Day 43	2020-08-07 10:12 (15)	133	79	67	14	36.8/ORAL CAVITY
	Day 57	2020-08-21 09:56 (29)	123	83	64	16	37.1/ORAL CAVITY
US2011116	Screening	2020-06-12 13:49 (-15)	134	81	87	16	37.1/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-27 11:07 (1)	129	84	88	14	36.6/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2011116	Day 1/ POST-DOSE	2020-06-27 13:17 (1)	128	68	72	14	36.1/ORAL CAVITY
	Day 8	2020-07-06 11:20 (10)	99	72	84	14	37.1/ORAL CAVITY
	Day 15	2020-07-13 10:05 (17)	136	73	70	16	36.4/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-27 11:54 (31)	124	72	72	16	36.6/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-27 14:20 (1)	127	76	67	12	36.6/ORAL CAVITY
	Day 36	2020-08-03 11:10 (8)	122	76	74	14	36.4/ORAL CAVITY
	Day 43	2020-08-10 11:10 (15)	125	75	67	14	36.8/ORAL CAVITY
	Day 57	2020-08-24 11:27 (29)	118	75	74	14	36.9/ORAL CAVITY
US2011120	Screening	2020-06-15 10:43 (-12)	112	81	80	14	37.1/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-27 10:11 (1)	116	76	62	14	36.8/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-27 12:50 (1)	122	68	68	14	36/ORAL CAVITY
	Day 8	2020-07-06 10:21 (10)	118	62	62	14	37.4/ORAL CAVITY
	Day 15	2020-07-13 10:05 (17)	106	72	68	14	36.9/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-27 10:17 (31)	108	70	70	14	36.9/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-27 13:49 (1)	123	85	54	14	36.7/ORAL CAVITY
	Day 36	2020-08-03 10:09 (8)	108	73	74	16	37/ORAL CAVITY
	Day 43	2020-08-10 10:56 (15)	110	70	62	14	36.7/ORAL CAVITY
	Day 57	2020-08-24 16:28 (29)	110	72	64	12	36.8/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2011124	Screening	2020-06-17 12:32 (-9)	121	87	82	12	36.8/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-26 11:56 (1)	115	82	95	16	36.8/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-26 15:31 (1)	118	72	81	14	36.6/ORAL CAVITY
	Day 8	2020-07-03 07:56 (8)	95	64	80	14	36.9/ORAL CAVITY
	Day 15	2020-07-10 07:57 (15)	119	79	80	14	36.9/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-24 07:58 (29)	120	73	76	16	36.8/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-24 11:29 (1)	117	82	76	14	36.6/ORAL CAVITY
	Day 36	2020-07-31 07:59 (8)	128	74	74	12	36.7/ORAL CAVITY
	Day 43	2020-08-07 07:34 (15)	120	66	64	14	36.7/ORAL CAVITY
	Day 57	2020-08-21 07:47 (29)	123	86	88	14	36.8/ORAL CAVITY
US2011126	Screening	2020-06-18 08:03 (-8)	114	74	79	14	36.8/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-26 08:05 (1)	113	82	85	16	37.1/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-26 10:51 (1)	134	83	74	14	37.1/ORAL CAVITY
	Day 8	2020-07-03 08:06 (8)	112	68	88	14	36.8/ORAL CAVITY
	Day 15	2020-07-10 08:35 (15)	125	85	72	14	36.7/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-24 08:31 (29)	124	72	68	12	36.9/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-24 11:42 (1)	118	71	64	12	37.1/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2011126	Day 36	2020-07-31 08:15 (8)	120	66	72	16	37.1/ORAL CAVITY
	Day 43	2020-08-07 08:30 (15)	112	77	79	14	36.8/ORAL CAVITY
	Day 57	2020-08-21 08:25 (29)	112	75	80	14	37/ORAL CAVITY
US2011130	Screening	2020-06-18 13:16 (-8)	120	62	61	14	37.1/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-26 13:15 (1)	138	88	74	16	36.9/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-26 16:17 (1)	126	74	68	14	36.2/ORAL CAVITY
	Day 8	2020-07-03 07:26 (8)	130	62	70	16	36.6/ORAL CAVITY
	Day 15	2020-07-13 13:00 (18)	139	89	61	16	36.7/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-24 13:14 (29)	128	76	72	12	36.8/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-24 15:22 (1)	126	68	62	14	36.7/ORAL CAVITY
	Day 36	2020-07-31 13:35 (8)	130	80	68	16	36.8/ORAL CAVITY
	Day 43	2020-08-07 07:40 (15)	128	82	78	16	36.7/ORAL CAVITY
	Day 57	2020-08-21 14:32 (29)	133	79	64	14	36.9/ORAL CAVITY
US2011131	Screening	2020-06-18 13:37 (-8)	118	68	73	14	37.1/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-26 14:05 (1)	137	84	78	16	36.9/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-26 17:13 (1)	126	78	72	14	36.4/ORAL CAVITY
	Day 8	2020-07-03 10:11 (8)	103	72	68	14	37.3/ORAL CAVITY
	Day 15	2020-07-10 14:04 (15)	137	82	80	14	36.9/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2011131	Day 29/ PRE-DOSE	2020-07-24 14:03 (29)	123	81	87	16	36.9/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-24 16:20 (1)	129	86	88	16	36.9/ORAL CAVITY
	Day 36	2020-07-31 15:10 (8)	126	79	83	14	37.1/ORAL CAVITY
	Day 43	2020-08-07 15:39 (15)	116	74	69	14	37.1/ORAL CAVITY
	Day 57	2020-08-21 16:05 (29)	115	79	80	14	36.8/ORAL CAVITY
US2011142	Screening	2020-06-22 15:20 (-7)	128	76	65	16	36.9/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-29 10:27 (1)	134	81	57	16	36.9/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-29 13:39 (1)	152	82	62	14	36.6/ORAL CAVITY
	Day 8	2020-07-06 10:18 (8)	130	86	88	12	37/ORAL CAVITY
	Day 15	2020-07-13 12:10 (15)	122	72	64	12	36.9/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-27 13:41 (29)	121	76	61	15	36.9/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-27 16:52 (1)	140	80	76	14	36.7/ORAL CAVITY
	Day 36	2020-08-05 13:48 (10)	134	82	63	12	37/ORAL CAVITY
	Day 43	2020-08-12 10:31 (17)	132	80	65	15	36.9/ORAL CAVITY
	Day 57	2020-08-26 07:18 (31)	128	79	53	14	36.8/ORAL CAVITY
US2011145	Screening	2020-06-23 13:41 (-3)	132	90	79	15	36.9/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-26 11:33 (1)	128	90	86	14	36.8/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2011145	Day 1/ POST-DOSE	2020-06-26 14:40 (1)	130	86	78	14	36.8/ORAL CAVITY
	Day 8	2020-07-03 11:16 (8)	129	90	76	16	36.8/ORAL CAVITY
	Day 15	2020-07-13 11:10 (18)	122	79	72	14	36.8/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-24 10:32 (29)	126	78	64	12	36.8/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-24 12:57 (1)	122	76	64	12	36.6/ORAL CAVITY
	Day 36	2020-07-31 11:21 (8)	118	80	74	14	36.8/ORAL CAVITY
	Day 43	2020-08-06 12:29 (14)	117	76	70	14	36.7/ORAL CAVITY
	Day 57	2020-08-20 11:21 (28)	126	80	76	14	36.7/ORAL CAVITY
US2011152	Screening	2020-06-25 11:40 (-4)	122	88	74	12	36.8/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-29 10:09 (1)	132	68	72	14	36.7/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-29 13:08 (1)	132	88	66	14	36.9/ORAL CAVITY
	Day 8	2020-07-06 10:20 (8)	122	88	76	14	36.8/ORAL CAVITY
	Day 15	2020-07-13 08:59 (15)	130	82	76	15	36.7/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-27 10:10 (29)	115	86	80	16	36.8/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-27 13:20 (1)	115	75	71	16	36.6/ORAL CAVITY
	Day 36	2020-08-03 10:06 (8)	118	86	70	14	36.8/ORAL CAVITY
	Day 43	2020-08-10 10:28 (15)	97	69	79	14	36.8/ORAL CAVITY
	Day 57	2020-08-31 10:05 (36)	103	71	81	14	36.9/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2011155	Screening	2020-06-25 13:52 (-5)	128	81	72	16	36.8/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-30 13:25 (1)	110	70	65	14	37/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-30 16:06 (1)	130	60	56	14	37.2/ORAL CAVITY
	Day 8	2020-07-09 12:58 (10)	132	80	62	14	36.9/ORAL CAVITY
	Day 15	2020-07-14 15:03 (15)	106	75	75	14	36.8/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-28 13:24 (29)	122	62	70	14	36.8/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-28 15:39 (1)	126	64	58	12	37.1/ORAL CAVITY
	Day 36	2020-08-04 13:18 (8)	130	78	76	14	37.1/ORAL CAVITY
	Day 43	2020-08-11 15:06 (15)	126	76	76	14	36.8/ORAL CAVITY
	Day 57	2020-08-26 11:08 (30)	117	68	87	16	36.8/ORAL CAVITY
US2011156	Screening	2020-06-25 14:45 (-5)	102	80	85	14	36.7/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-30 11:27 (1)	128	86	78	14	36.8/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-30 14:42 (1)	134	75	75	14	36.4/ORAL CAVITY
	Day 8	2020-07-07 10:55 (8)	107	66	85	14	36.9/ORAL CAVITY
	Day 15	2020-07-14 08:50 (15)	128	66	78	14	37/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-28 08:25 (29)	127	75	75	14	36.8/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-28 11:19 (1)	128	76	61	14	36.6/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2011156	Day 36	2020-08-04 07:56 (8)	121	71	66	14	36.6/ORAL CAVITY
	Day 43	2020-08-11 08:07 (15)	124	74	68	14	36.5/ORAL CAVITY
	Day 57	2020-08-26 07:20 (30)	128	62	56	14	36.7/ORAL CAVITY
US2011157	Screening	2020-06-25 15:21 (-5)	117	72	69	16	37/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-30 15:28 (1)	109	73	71	16	37/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-30 18:41 (1)	122	72	66	14	36.6/ORAL CAVITY
	Day 8	2020-07-07 16:18 (8)	113	61	68	14	37/ORAL CAVITY
	Day 15	2020-07-14 08:07 (15)	102	64	62	14	36.8/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-28 16:38 (29)	123	74	60	16	36.9/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-28 18:40 (1)	125	79	59	12	36.9/ORAL CAVITY
	Day 36	2020-08-04 15:42 (8)	132	70	62	14	37/ORAL CAVITY
	Day 43	2020-08-11 16:34 (15)	132	82	57	18	36.8/ORAL CAVITY
	Day 57	2020-08-27 08:08 (31)	110	74	58	14	37/ORAL CAVITY
US2021015	Screening	2020-05-26 12:08 (-3)	117	67	55	15	36.4/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-05-29 09:44 (1)	115	67	63	14	36.9/ORAL CAVITY
	Day 1/ POST-DOSE	2020-05-29 11:50 (1)	138	79	53	14	36.2/ORAL CAVITY
	Day 8	2020-06-05 08:40 (8)	118	76	62	15	36.7/ORAL CAVITY
	Day 15	2020-06-09 09:10 (12)	100	66	56	16	37.2/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2021015	Day 29/ PRE-DOSE	2020-06-26 08:40 (29)	119	74	72	15	36.8/ORAL CAVITY
	Day 29/ POST-DOSE	2020-06-26 10:57 (1)	110	71	56	15	36.6/ORAL CAVITY
	Day 36	2020-07-06 09:35 (11)	114	73	56	14	36.7/ORAL CAVITY
	Day 43	2020-07-09 09:15 (14)	108	75	68	16	37.2/ORAL CAVITY
	Day 57	2020-07-23 08:54 (28)	103	66	62	15	36.6/ORAL CAVITY
US2021021	Screening	2020-05-26 13:56 (-3)	145	90	60	16	36.8/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-05-29 10:16 (1)	137	87	75	14	36.9/ORAL CAVITY
	Day 1/ POST-DOSE	2020-05-29 12:49 (1)	132	76	59	16	36.6/ORAL CAVITY
	Day 8	2020-06-05 10:25 (8)	124	76	68	16	36.9/ORAL CAVITY
	Day 15	2020-06-15 11:16 (18)	133	76	63	14	36.8/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-06-26 08:54 (29)	127	81	62	14	36.7/ORAL CAVITY
	Day 29/ POST-DOSE	2020-06-26 11:07 (1)	126	78	66	14	37.1/ORAL CAVITY
	Day 36	2020-07-06 09:35 (11)	120	78	68	16	37.1/ORAL CAVITY
	Day 43	2020-07-13 09:07 (18)	120	82	64	16	36.8/ORAL CAVITY
	Day 57	2020-07-22 09:12 (27)	131	79	74	14	37.1/ORAL CAVITY
US2021022	Screening	2020-05-26 14:20 (-6)	110	76	76	16	37.1/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-01 12:06 (1)	134	88	71	14	36.9/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2021022	Day 1/ POST-DOSE	2020-06-01 14:15 (1)	148	78	70	14	35.9/ORAL CAVITY
	Day 8	2020-06-09 11:37 (9)	117	69	77	15	36.9/ORAL CAVITY
	Day 15	2020-06-16 11:44 (16)	139	81	66	15	36.9/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-06 11:17 (36)	122	81	83	15	37.2/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-06 12:55 (1)	130	88	76	15	36.9/ORAL CAVITY
	Day 36	2020-07-14 11:03 (9)	117	76	82	15	36.7/ORAL CAVITY
	Day 43	2020-07-21 11:25 (16)	128	82	77	15	36.9/ORAL CAVITY
	Day 57	2020-08-04 11:24 (30)	122	78	81	16	36.8/ORAL CAVITY
US2021043	Screening	2020-05-27 09:36 (-5)	130	82	62	14	36.8/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-01 15:20 (1)	137	87	68	15	36.7/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-01 17:23 (1)	120	76	64	14	36.6/ORAL CAVITY
	Day 8	2020-06-09 10:10 (9)	120	70	56	16	37.3/ORAL CAVITY
	Day 15	2020-06-15 09:54 (15)	139	80	62	14	36.9/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-02 10:05 (32)	120	78	68	16	36.7/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-02 11:53 (1)	119	76	56	14	36.7/ORAL CAVITY
	Day 36	2020-07-09 10:00 (8)	127	74	65	16	37.1/ORAL CAVITY
	Day 43	2020-07-17 10:45 (16)	112	78	56	16	36.8/ORAL CAVITY
	Day 57	2020-07-29 10:16 (28)	135	77	64	16	37.1/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2021130	Screening	2020-06-01 10:02 (-25)	138	77	60	15	37.1/ORAL CAVITY
	Unscheduled	2020-06-05 10:02 (-21)	140	78	72	16	36.8/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-26 08:45 (1)	138	70	72	16	36.8/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-26 11:17 (1)	156	72	56	16	36/ORAL CAVITY
	Day 8	2020-07-06 10:50 (11)	138	74	72	16	36.7/ORAL CAVITY
	Day 15	2020-07-09 11:17 (14)	129	64	62	15	36.9/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-29 10:54 (34)	138	80	68	16	37.2/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-29 12:49 (1)	128	72	72	16	36.4/ORAL CAVITY
	Day 36	2020-08-07 10:23 (10)	128	64	65	13	36.7/ORAL CAVITY
	Day 43	2020-08-12 10:00 (15)	130	78	60	14	36.8/ORAL CAVITY
	Day 57	2020-08-27 10:07 (30)	144	72	59	13	36.7/ORAL CAVITY
US2021185	Screening	2020-06-10 09:30 (-16)	139	96	58	15	36.9/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-26 13:00 (1)	118	76	72	16	36.6/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-26 15:09 (1)	129	86	60	15	36.5/ORAL CAVITY
	Day 8	2020-07-06 15:30 (11)	124	84	64	16	36.7/ORAL CAVITY
	Day 15	2020-07-08 15:33 (13)	112	80	72	14	36.8/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-31 16:01 (36)	128	80	64	16	36.9/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2021185	Day 29/ POST-DOSE	2020-07-31 17:38 (1)	136	86	64	15	36.6/ORAL CAVITY
	Day 36	2020-08-07 08:20 (8)	122	78	62	14	36.6/ORAL CAVITY
	Day 43	2020-08-17 08:34 (18)	136	82	68	14	36.8/ORAL CAVITY
	Day 57	2020-08-25 09:08 (26)	134	82	58	15	36.5/ORAL CAVITY
US2021189	Screening	2020-06-11 11:42 (-15)	132	86	72	14	36.7/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-26 09:35 (1)	135	91	68	15	36.4/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-26 12:00 (1)	136	78	62	15	35.8/ORAL CAVITY
	Day 8	2020-07-06 10:15 (11)	100	64	72	16	36.8/ORAL CAVITY
	Day 15	2020-07-13 10:00 (18)	110	80	68	16	36.8/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-27 11:15 (32)	108	79	76	15	37/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-27 13:25 (1)	128	74	72	16	36.4/ORAL CAVITY
	Day 36	2020-08-03 09:50 (8)	132	87	81	16	36.8/ORAL CAVITY
	Day 43	2020-08-07 10:51 (12)	119	82	66	14	36.9/ORAL CAVITY
	Day 57	2020-08-24 10:49 (29)	137	83	63	14	36.5/ORAL CAVITY
US2021196	Screening	2020-06-12 12:36 (-20)	120	79	59	15	36.8/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-07-02 10:15 (1)	116	84	58	14	36.7/ORAL CAVITY
	Day 1/ POST-DOSE	2020-07-02 12:39 (1)	134	79	51	14	35.8/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2021196	Day 8	2020-07-09 13:23 (8)	108	73	70	14	36.9/ORAL CAVITY
	Day 15	2020-07-17 15:26 (16)	124	72	60	16	36.3/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-08-03 13:15 (33)	118	76	73	14	36.7/ORAL CAVITY
	Day 29/ POST-DOSE	2020-08-03 15:20 (1)	114	70	60	14	36.7/ORAL CAVITY
	Day 36	2020-08-11 13:24 (9)	111	78	73	16	36.6/ORAL CAVITY
	Day 43	2020-08-18 13:23 (16)	122	78	66	16	36.5/ORAL CAVITY
	Day 57	2020-08-31 13:35 (29)	120	88	74	16	37/ORAL CAVITY
US2021198	Screening	2020-06-15 11:06 (-14)	134	86	70	15	36.7/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-29 09:37 (1)	110	78	72	16	37.3/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-29 11:59 (1)	129	67	56	15	36.8/ORAL CAVITY
	Day 8	2020-07-07 10:45 (9)	131	84	68	14	36.6/ORAL CAVITY
	Day 15	2020-07-14 10:50 (16)	134	81	73	16	36.8/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-08-04 09:46 (37)	132	68	60	16	37.1/ORAL CAVITY
	Day 29/ POST-DOSE	2020-08-04 11:39 (1)	130	78	61	16	36.6/ORAL CAVITY
	Day 36	2020-08-12 10:21 (9)	124	79	65	15	36.8/ORAL CAVITY
	Day 43	2020-08-18 11:35 (15)	134	74	61	16	36.7/ORAL CAVITY
	Day 57	2020-09-01 10:11 (29)	125	79	65	16	36.9/ORAL CAVITY
US2021206	Screening	2020-06-17 11:20 (-15)	136	84	68	16	37.2/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2021206	Day 1/ PRE-DOSE	2020-07-02 11:15 (1)	141	72	66	15	36.7/ORAL CAVITY
	Day 1/ POST-DOSE	2020-07-02 13:17 (1)	132	80	60	15	36.9/ORAL CAVITY
	Day 8	2020-07-09 09:21 (8)	120	76	83	16	36.8/ORAL CAVITY
	Day 15	2020-07-16 09:24 (15)	154	88	67	15	37/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-08-04 10:16 (34)	132	84	76	16	36.8/ORAL CAVITY
	Day 29/ POST-DOSE	2020-08-04 11:53 (1)	148	88	67	15	37/ORAL CAVITY
	Day 36	2020-08-14 08:25 (11)	136	86	66	15	36.8/ORAL CAVITY
	Day 43	2020-08-19 09:39 (16)	134	84	68	15	36.9/ORAL CAVITY
	Day 57	2020-09-08 10:46 (36)	138	86	68	15	37/ORAL CAVITY
US2021207	Screening	2020-06-17 12:10 (-9)	143	81	70	14	37.1/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-26 15:15 (1)	117	86	83	16	36.8/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-26 17:03 (1)	122	89	80	16	36.8/ORAL CAVITY
	Day 8	2020-07-06 11:25 (11)	120	76	72	14	36.8/ORAL CAVITY
	Day 15	2020-07-09 11:42 (14)	114	74	83	16	36.7/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-08-06 10:14 (42)	117	80	69	14	36.7/ORAL CAVITY
	Day 29/ POST-DOSE	2020-08-06 12:26 (1)	116	74	64	16	36.6/ORAL CAVITY
	Day 36	2020-08-13 14:07 (8)	114	72	72	14	36.7/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2021207	Day 43	2020-08-19 15:00 (14)	114	71	78	14	36.8/ORAL CAVITY
	Day 57	2020-09-03 14:35 (29)	100	71	76	14	36.7/ORAL CAVITY
US2021219	Screening	2020-06-23 11:09 (-7)	123	79	54	15	37.1/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-30 09:12 (1)	140	80	61	15	36.8/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-30 11:50 (1)	122	79	52	16	36.6/ORAL CAVITY
	Day 8	2020-07-07 10:37 (8)	111	71	57	14	36.8/ORAL CAVITY
	Day 15	2020-07-14 10:20 (15)	112	76	56	15	36.7/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-31 11:43 (32)	117	68	53	15	36.9/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-31 13:25 (1)	122	74	61	15	36.6/ORAL CAVITY
	Day 36	2020-08-10 11:03 (11)	130	85	54	15	36.6/ORAL CAVITY
	Day 43	2020-08-14 10:22 (15)	107	75	56	16	36.4/ORAL CAVITY
	Day 57	2020-09-03 10:31 (35)	107	85	59	16	36.5/ORAL CAVITY
US2021222	Screening	2020-06-29 13:15 (-3)	115	75	66	15	36.9/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-07-02 14:19 (1)	117	76	65	14	36.8/ORAL CAVITY
	Day 1/ POST-DOSE	2020-07-02 16:10 (1)	114	79	55	14	36.6/ORAL CAVITY
	Day 8	2020-07-10 11:01 (9)	109	94	84	16	36.7/ORAL CAVITY
	Day 15	2020-07-15 13:23 (14)	123	80	59	16	36.7/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2021222	Day 29/ PRE-DOSE	2020-07-31 11:50 (30)	118	72	68	16	36.9/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-31 13:36 (1)	108	70	64	15	36.7/ORAL CAVITY
	Day 36	2020-08-10 11:25 (11)	127	77	59	15	36.8/ORAL CAVITY
	Day 43	2020-08-14 09:40 (15)	112	74	72	14	36.7/ORAL CAVITY
	Day 57	2020-08-25 11:50 (26)	131	79	61	16	37/ORAL CAVITY
US2031085	Screening	2020-06-08 09:26 (-18)	134	87	63	16	36.7/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-26 07:42 (1)	135	89	57	16	36.6/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-26 10:04 (1)	130	77	54	16	36.6/ORAL CAVITY
	Day 8	2020-07-06 08:15 (11)	124	84	58	15	36.7/ORAL CAVITY
	Day 15	2020-07-10 09:01 (15)	129	77	68	16	36.5/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-29 08:09 (34)	127	76	57	16	36.6/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-29 10:39 (1)	136	80	52	15	36.8/ORAL CAVITY
	Day 36	2020-08-06 08:09 (9)	118	71	64	15	36.4/ORAL CAVITY
	Day 43	2020-08-11 08:17 (14)	122	79	54	15	36.7/ORAL CAVITY
	Day 57	2020-08-26 08:39 (29)	120	73	59	16	36.8/ORAL CAVITY
US2031089	Screening	2020-06-08 12:51 (-18)	144	88	82	16	36.9/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-26 09:39 (1)	128	73	73	16	36.8/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2031089	Day 1/ POST-DOSE	2020-06-26 11:45 (1)	132	80	72	16	36.8/ORAL CAVITY
	Day 8	2020-07-06 11:08 (11)	135	86	72	16	36.9/ORAL CAVITY
	Day 15	2020-07-13 15:05 (18)	131	81	74	16	37.2/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-29 09:30 (34)	139	83	73	16	36.7/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-29 11:20 (1)	132	88	86	15	36.5/ORAL CAVITY
	Day 36	2020-08-06 14:56 (9)	132	84	64	16	36.7/ORAL CAVITY
	Day 43	2020-08-13 08:13 (16)	121	78	74	16	36.5/ORAL CAVITY
	Day 57	2020-08-27 09:15 (30)	136	86	68	15	36.6/ORAL CAVITY
US2031092	Screening	2020-06-08 14:30 (-22)	126	79	80	15	36.9/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-30 11:11 (1)	125	88	81	16	36.6/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-30 13:20 (1)	136	84	64	16	36.5/ORAL CAVITY
	Day 8	2020-07-08 11:37 (9)	121	78	72	16	37/ORAL CAVITY
	Day 15	2020-07-14 10:05 (15)	114	67	76	15	36.5/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-29 10:15 (30)	118	73	78	15	36.8/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-29 12:20 (1)	118	82	64	16	36.8/ORAL CAVITY
	Day 36	2020-08-05 10:18 (8)	137	81	73	16	36.7/ORAL CAVITY
	Day 43	2020-08-13 10:45 (16)	123	83	77	16	36.8/ORAL CAVITY
	Day 57	2020-08-25 10:30 (28)	102	63	73	16	36.8/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2031095	Screening	2020-06-09 10:00 (-20)	136	85	58	16	36.7/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-29 07:47 (1)	129	85	61	17	36.4/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-29 10:12 (1)	136	88	65	18	36.7/ORAL CAVITY
	Day 8	2020-07-06 09:11 (8)	130	80	55	16	36.4/ORAL CAVITY
	Day 15	2020-07-10 08:43 (12)	136	81	62	16	36.6/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-27 08:19 (29)	119	88	63	16	36.6/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-27 11:13 (1)	122	84	59	15	36.4/ORAL CAVITY
	Day 36	2020-08-03 09:19 (8)	124	87	66	16	36.9/ORAL CAVITY
	Day 43	2020-08-11 09:15 (16)	115	80	68	17	36.8/ORAL CAVITY
	Day 57	2020-08-21 11:22 (26)	132	88	66	15	36.6/ORAL CAVITY
US2031098	Screening	2020-06-09 10:35 (-20)	135	83	60	15	36.7/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-29 12:01 (1)	114	78	56	15	36.8/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-29 14:00 (1)	130	82	59	15	36.9/ORAL CAVITY
	Day 8	2020-07-07 09:59 (9)	113	78	64	16	36.9/ORAL CAVITY
	Day 15	2020-07-14 10:35 (16)	126	70	68	16	36.6/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-29 10:17 (31)	129	78	60	16	36.7/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-29 13:18 (1)	124	73	54	16	36.7/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2031098	Day 36	2020-08-07 10:00 (10)	124	83	62	16	37/ORAL CAVITY
	Day 43	2020-08-14 10:30 (17)	114	88	68	16	37.1/ORAL CAVITY
	Day 57	2020-08-24 11:00 (27)	134	86	62	15	37.2/ORAL CAVITY
US2031100	Screening	2020-06-09 15:40 (-22)	123	79	72	15	36.7/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-07-01 14:48 (1)	104	69	67	15	36.9/ORAL CAVITY
	Day 1/ POST-DOSE	2020-07-01 16:53 (1)	126	85	63	15	36.4/ORAL CAVITY
	Day 8	2020-07-08 15:20 (8)	105	71	74	14	36.8/ORAL CAVITY
	Day 15	2020-07-14 15:00 (14)	106	76	66	15	36.6/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-08-03 15:29 (34)	128	74	67	15	36.7/ORAL CAVITY
	Day 29/ POST-DOSE	2020-08-03 17:34 (1)	115	86	70	16	36.4/ORAL CAVITY
	Day 36	2020-08-13 08:55 (11)	96	72	66	16	36.7/ORAL CAVITY
	Day 43	2020-08-19 16:23 (17)	115	88	71	16	36.6/ORAL CAVITY
	Day 57	2020-09-02 16:03 (31)	117	82	70	16	36.7/ORAL CAVITY
US2031102	Screening	2020-06-09 16:01 (-23)	129	80	63	17	36.8/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-07-02 15:39 (1)	111	74	69	16	36.9/ORAL CAVITY
	Day 1/ POST-DOSE	2020-07-02 18:15 (1)	116	81	61	16	36.8/ORAL CAVITY
	Day 8	2020-07-09 15:52 (8)	113	70	75	16	36.8/ORAL CAVITY
	Day 15	2020-07-16 15:30 (15)	132	80	66	16	36.9/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2031102	Day 29/ PRE-DOSE	2020-08-03 16:23 (33)	116	73	73	16	36.7/ORAL CAVITY
	Day 29/ POST-DOSE	2020-08-03 18:56 (1)	119	75	63	15	36.9/ORAL CAVITY
	Day 36	2020-08-11 15:36 (9)	101	65	72	16	37.1/ORAL CAVITY
	Day 43	2020-08-18 15:22 (16)	118	68	73	16	36.7/ORAL CAVITY
	Day 57	2020-08-28 10:19 (26)	119	75	70	16	37.1/ORAL CAVITY
US2031103	Screening	2020-06-09 16:48 (-20)	130	80	86	16	36.6/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-29 12:16 (1)	129	77	59	16	36.4/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-29 14:20 (1)	135	82	51	18	36.5/ORAL CAVITY
	Day 8	2020-07-07 16:21 (9)	148	88	54	15	36.5/ORAL CAVITY
	Day 15	2020-07-13 11:04 (15)	145	84	55	15	36.6/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-30 16:10 (32)	149	86	53	15	36.7/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-30 18:15 (1)	130	80	64	16	36.6/ORAL CAVITY
	Day 36	2020-08-06 16:11 (8)	154	84	60	14	36.3/ORAL CAVITY
	Day 43	2020-08-13 15:41 (15)	136	80	74	17	36.5/ORAL CAVITY
	Day 57	2020-08-27 15:57 (29)	140	86	74	15	36.7/ORAL CAVITY
US2031110	Screening	2020-06-10 14:38 (-16)	128	83	75	15	36.5/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-26 11:51 (1)	121	71	69	16	36.9/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2031110	Day 1/ POST-DOSE	2020-06-26 14:33 (1)	121	78	62	16	36.8/ORAL CAVITY
	Day 8	2020-07-06 14:33 (11)	116	89	76	17	37/ORAL CAVITY
	Day 15	2020-07-13 14:13 (18)	137	78	78	15	36.8/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-28 11:02 (33)	96	73	85	15	36.8/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-28 13:02 (1)	109	83	75	15	36.8/ORAL CAVITY
	Day 36	2020-08-04 10:19 (8)	144	91	87	16	36.8/ORAL CAVITY
	Day 43	2020-08-11 10:15 (15)	122	76	85	16	36.9/ORAL CAVITY
	Day 57	2020-08-26 10:15 (30)	120	86	80	15	36.8/ORAL CAVITY
US2031116	Screening	2020-06-11 13:20 (-18)	117	80	70	16	36.9/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-29 07:44 (1)	98	81	77	16	37/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-29 09:57 (1)	133	80	64	17	36.5/ORAL CAVITY
	Day 8	2020-07-09 16:01 (11)	113	76	75	14	36.8/ORAL CAVITY
	Day 15	2020-07-16 12:58 (18)	100	79	68	16	36.7/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-30 10:18 (32)	115	79	70	16	36.8/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-30 12:20 (1)	125	74	63	16	36.8/ORAL CAVITY
	Day 36	2020-08-06 10:05 (8)	107	81	77	16	37/ORAL CAVITY
	Day 43	2020-08-14 08:12 (16)	112	73	76	15	36.7/ORAL CAVITY
	Day 57	2020-08-28 14:37 (30)	105	72	70	16	36.8/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2031124	Screening	2020-06-17 13:30 (-12)	124	83	74	16	36.7/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-29 15:40 (1)	123	81	68	15	36.7/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-29 18:05 (1)	122	82	62	14	36.7/ORAL CAVITY
	Day 8	2020-07-06 15:57 (8)	123	79	73	18	36.7/ORAL CAVITY
	Day 15	2020-07-13 15:40 (15)	124	80	71	16	36.8/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-29 15:45 (31)	124	74	65	16	36.6/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-29 19:00 (1)	123	77	69	16	36.6/ORAL CAVITY
	Day 36	2020-08-06 15:45 (9)	126	84	73	16	36.8/ORAL CAVITY
	Day 43	2020-08-13 16:03 (16)	120	75	68	16	36.9/ORAL CAVITY
	Day 57	2020-08-24 15:34 (27)	131	76	73	15	36.6/ORAL CAVITY
US2031125	Screening	2020-06-22 14:06 (-4)	128	77	98	16	36.8/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-26 10:26 (1)	138	72	78	16	36.7/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-26 12:32 (1)	138	78	78	14	36.6/ORAL CAVITY
	Day 8	2020-07-06 09:54 (11)	127	88	78	14	36.7/ORAL CAVITY
	Day 15	2020-07-10 10:16 (15)	138	89	91	16	36.7/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-28 10:05 (33)	138	86	90	17	36.7/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-28 12:06 (1)	138	86	88	17	36.7/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2031125	Day 36	2020-08-05 07:56 (9)	140	89	87	16	36.7/ORAL CAVITY
	Day 43	2020-08-11 08:15 (15)	124	80	91	16	36.7/ORAL CAVITY
	Day 57	2020-08-24 08:11 (28)	132	84	84	16	36.7/ORAL CAVITY
US2031129	Screening	2020-06-25 11:57 (-6)	124	82	78	18	36.9/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-07-01 13:00 (1)	128	84	64	17	36.9/ORAL CAVITY
	Day 1/ POST-DOSE	2020-07-01 15:05 (1)	133	75	68	16	36.4/ORAL CAVITY
	Day 8	2020-07-09 12:57 (9)	120	76	68	16	36.7/ORAL CAVITY
	Day 15	2020-07-16 12:59 (16)	125	78	64	14	36.6/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-30 14:40 (30)	120	82	68	16	36.5/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-30 16:25 (1)	122	84	54	16	36.5/ORAL CAVITY
	Day 36	2020-08-07 09:05 (9)	130	84	64	15	36.6/ORAL CAVITY
	Day 43	2020-08-14 08:55 (16)	135	84	57	15	36.4/ORAL CAVITY
	Day 57	2020-08-28 09:14 (30)	131	81	68	16	37.2/ORAL CAVITY
US2031131	Screening	2020-06-29 11:20 (-3)	129	77	61	16	36.8/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-07-02 14:04 (1)	121	71	66	16	36.7/ORAL CAVITY
	Day 1/ POST-DOSE	2020-07-02 16:22 (1)	133	80	68	15	36.8/ORAL CAVITY
	Day 8	2020-07-09 13:32 (8)	130	80	63	16	36.6/ORAL CAVITY
	Day 15	2020-07-16 13:41 (15)	122	76	70	15	36.8/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2031131	Day 29/ PRE-DOSE	2020-07-31 10:27 (30)	116	76	70	15	37.1/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-31 13:09 (1)	137	84	64	14	36.7/ORAL CAVITY
	Day 36	2020-08-07 10:12 (8)	134	73	63	16	36.8/ORAL CAVITY
	Day 43	2020-08-14 11:07 (15)	113	78	89	14	36.6/ORAL CAVITY
	Day 57	2020-08-27 11:07 (28)	120	84	64	14	36.6/ORAL CAVITY
US2041102	Screening	2020-06-10 09:43 (-16)	119	73	65	16	37.2/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-26 07:04 (1)	139	86	67	14	36.4/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-26 09:40 (1)	142	82	72	14	36.3/ORAL CAVITY
	Day 8	2020-07-06 09:10 (11)	119	83	85	14	36.8/ORAL CAVITY
	Day 15	2020-07-10 10:05 (15)	124	78	78	16	36.9/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-24 12:38 (29)	139	79	67	14	36.9/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-24 14:16 (1)	143	79	57	14	36.6/ORAL CAVITY
	Day 36	2020-07-31 11:05 (8)	146	97	64	14	36.7/ORAL CAVITY
	Day 43	2020-08-07 11:37 (15)	130	74	65	14	36.8/ORAL CAVITY
	Day 57	2020-08-18 10:23 (26)	138	85	58	12	36.4/ORAL CAVITY
US2041114	Screening	2020-06-11 11:45 (-15)	133	70	60	12	37.1/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-26 15:05 (1)	130	72	60	14	36.9/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2041114	Day 1/ POST-DOSE	2020-06-26 16:45 (1)	128	72	62	14	37.1/ORAL CAVITY
	Day 8	2020-07-06 08:35 (11)	126	74	54	14	37/ORAL CAVITY
	Day 15	2020-07-07 07:09 (12)	133	76	61	14	37.1/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-08-03 11:22 (39)	134	80	53	12	36.9/ORAL CAVITY
	Day 29/ POST-DOSE	2020-08-03 12:52 (1)	143	78	49	14	36.9/ORAL CAVITY
	Day 36	2020-08-11 07:10 (9)	137	79	49	12	36.8/ORAL CAVITY
	Day 43	2020-08-18 07:14 (16)	134	71	63	14	37.6/ORAL CAVITY
	Day 57	2020-09-01 07:16 (30)	135	77	56	12	37.1/ORAL CAVITY
US2041115	Screening	2020-06-11 13:17 (-20)	112	78	75	12	37.2/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-07-01 12:35 (1)	126	71	72	14	36.7/ORAL CAVITY
	Day 1/ POST-DOSE	2020-07-01 14:21 (1)	136	70	64	14	36.7/ORAL CAVITY
	Day 8	2020-07-08 13:03 (8)	107	67	69	16	36.9/ORAL CAVITY
	Day 15	2020-07-16 13:02 (16)	106	76	73	14	36.8/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-08-04 11:15 (35)	119	68	75	14	36.7/ORAL CAVITY
	Day 29/ POST-DOSE	2020-08-04 12:55 (1)	145	73	62	14	36.7/ORAL CAVITY
	Day 36	2020-08-11 10:45 (8)	121	74	78	12	37.1/ORAL CAVITY
	Day 43	2020-08-18 13:23 (15)	113	65	69	12	36.6/ORAL CAVITY
	Day 57	2020-08-31 12:48 (28)	120	68	67	12	36.9/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2041121	Screening	2020-06-12 08:16 (-19)	112	70	59	12	37.1/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-07-01 14:32 (1)	126	76	70	12	36.9/ORAL CAVITY
	Day 1/ POST-DOSE	2020-07-01 16:29 (1)	121	75	65	12	36.8/ORAL CAVITY
	Day 8	2020-07-08 13:05 (8)	110	72	68	12	36.9/ORAL CAVITY
	Day 15	2020-07-14 09:05 (14)	123	72	79	14	36.9/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-31 09:59 (31)	111	75	72	14	37/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-31 11:46 (1)	129	82	63	14	36.6/ORAL CAVITY
	Day 36	2020-08-07 11:33 (8)	114	73	68	12	37.3/ORAL CAVITY
	Day 43	2020-08-14 09:05 (15)	123	75	66	14	37.2/ORAL CAVITY
	Day 57	2020-08-25 16:02 (26)	118	64	76	16	37/ORAL CAVITY
US2041132	Screening	2020-06-15 10:00 (-11)	130	80	66	14	36.9/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-26 07:10 (1)	110	79	68	12	36.6/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-26 09:55 (1)	146	89	55	14	36.2/ORAL CAVITY
	Day 8	2020-07-06 08:15 (11)	131	88	63	12	37.3/ORAL CAVITY
	Day 15	2020-07-13 08:11 (18)	118	60	60	16	36.6/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-27 11:06 (32)	128	78	79	16	37.2/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-27 12:56 (1)	122	88	77	14	36.7/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2041132	Day 36	2020-08-04 08:28 (9)	132	76	62	14	37.3/ORAL CAVITY
	Day 43	2020-08-10 08:10 (15)	123	74	62	12	36.9/ORAL CAVITY
	Day 57	2020-08-25 17:06 (30)	112	75	75	16	36.6/ORAL CAVITY
US2041142	Screening	2020-06-16 11:27 (-16)	119	72	80	12	37/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-07-02 15:00 (1)	134	78	84	15	36.9/ORAL CAVITY
	Day 1/ POST-DOSE	2020-07-02 16:57 (1)	136	94	68	15	36.6/ORAL CAVITY
	Day 8	2020-07-09 09:57 (8)	116	65	83	14	36.6/ORAL CAVITY
	Day 15	2020-07-16 10:06 (15)	122	70	72	14	36.7/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-31 11:10 (30)	119	71	75	14	36.7/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-31 12:52 (1)	114	70	60	14	36.6/ORAL CAVITY
	Day 36	2020-08-07 10:28 (8)	110	70	70	12	37.1/ORAL CAVITY
	Day 43	2020-08-14 10:06 (15)	127	66	74	14	36.6/ORAL CAVITY
	Day 57	2020-08-28 10:05 (29)	133	74	81	12	37.4/ORAL CAVITY
US2041146	Screening	2020-06-17 11:28 (-15)	109	67	61	12	36.8/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-07-02 15:46 (1)	122	77	66	12	37/ORAL CAVITY
	Day 1/ POST-DOSE	2020-07-02 18:08 (1)	128	80	53	16	36.7/ORAL CAVITY
	Day 8	2020-07-13 11:34 (12)	123	79	67	16	36.8/ORAL CAVITY
	Day 15	2020-07-17 08:06 (16)	111	65	64	14	36.9/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2041146	Day 29/ PRE-DOSE	2020-07-31 08:05 (30)	115	70	70	12	36.6/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-31 09:48 (1)	122	78	56	12	37.1/ORAL CAVITY
	Day 36	2020-08-07 08:01 (8)	116	63	69	12	37.1/ORAL CAVITY
	Day 43	2020-08-13 07:06 (14)	106	72	61	12	36.9/ORAL CAVITY
	Day 57	2020-08-26 08:13 (27)	112	64	59	12	37.2/ORAL CAVITY
US2041151	Screening	2020-06-19 13:23 (-17)	146	72	58	12	36.7/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-07-06 14:04 (1)	132	75	69	12	36.9/ORAL CAVITY
	Day 1/ POST-DOSE	2020-07-06 15:56 (1)	122	70	53	12	36.6/ORAL CAVITY
	Day 8	2020-07-13 13:02 (8)	127	66	62	14	36.8/ORAL CAVITY
	Day 15	2020-07-21 13:57 (16)	127	69	58	12	36.8/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-08-04 10:27 (30)	138	79	52	14	36.9/ORAL CAVITY
	Day 29/ POST-DOSE	2020-08-04 12:23 (1)	139	72	49	14	36.9/ORAL CAVITY
	Day 36	2020-08-11 14:10 (8)	127	78	67	12	36.9/ORAL CAVITY
	Day 43	2020-08-18 14:25 (15)	127	69	61	16	36.6/ORAL CAVITY
	Day 57	2020-09-01 14:53 (29)	137	70	57	12	36.8/ORAL CAVITY
US2041152	Screening	2020-06-19 14:10 (-18)	118	74	71	12	36.8/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-07-07 14:26 (1)	102	68	65	10	36.9/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2041152	Day 1/ POST-DOSE	2020-07-07 16:20 (1)	109	76	62	12	36.7/ORAL CAVITY
	Day 8	2020-07-14 09:10 (8)	119	70	72	10	36.7/ORAL CAVITY
	Day 15	2020-07-21 09:23 (15)	99	76	71	14	37.1/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-08-04 10:25 (29)	120	70	73	12	36.9/ORAL CAVITY
	Day 29/ POST-DOSE	2020-08-04 12:16 (1)	102	69	65	14	36.7/ORAL CAVITY
	Day 36	2020-08-13 10:20 (10)	102	73	67	12	36.9/ORAL CAVITY
	Day 43	2020-08-20 10:02 (17)	97	68	66	16	37.2/ORAL CAVITY
	Day 57	2020-09-03 10:05 (31)	112	62	80	14	36.9/ORAL CAVITY
US2041166	Screening	2020-07-01 14:14 (-5)	122	62	56	14	37.1/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-07-06 13:36 (1)	137	68	56	12	37.1/ORAL CAVITY
	Day 1/ POST-DOSE	2020-07-06 15:12 (1)	138	63	50	12	37.1/ORAL CAVITY
	Day 8	2020-07-13 09:41 (8)	137	67	52	16	36.9/ORAL CAVITY
	Day 15	2020-07-21 10:10 (16)	117	66	54	12	36.6/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-08-03 07:57 (29)	133	75	60	14	36.6/ORAL CAVITY
	Day 29/ POST-DOSE	2020-08-03 09:45 (1)	126	78	64	14	36.6/ORAL CAVITY
	Day 36	2020-08-10 08:20 (8)	126	68	55	14	36.7/ORAL CAVITY
	Day 43	2020-08-17 08:24 (15)	134	72	55	14	36.6/ORAL CAVITY
	Day 57	2020-08-31 09:00 (29)	132	67	56	12	36.5/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2051055	Screening	2020-06-12 09:14 (-14)	148	92	72	16	36.4/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-26 08:38 (1)	123	79	84	16	36.6/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-26 10:49 (1)	132	87	63	15	36.4/ORAL CAVITY
	Day 8	2020-07-06 10:05 (11)	109	71	77	16	36.1/ORAL CAVITY
	Day 15	2020-07-13 10:03 (18)	128	73	78	16	36/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-30 08:20 (35)	110	80	79	15	36.7/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-30 10:30 (1)	117	73	62	14	36.5/ORAL CAVITY
	Day 36	2020-08-06 07:43 (8)	112	73	80	15	36.5/ORAL CAVITY
	Day 43	2020-08-10 07:40 (12)	103	68	76	16	36.4/ORAL CAVITY
	Day 57	2020-08-25 07:43 (27)	117	80	80	12	36.3/ORAL CAVITY
US2051063	Screening	2020-06-16 15:05 (-14)	142	86	51	16	36.9/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-30 13:25 (1)	143	83	51	14	36.6/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-30 15:38 (1)	143	88	50	16	36.7/ORAL CAVITY
	Day 8	2020-07-07 13:06 (8)	126	77	53	14	36.7/ORAL CAVITY
	Day 15	2020-07-14 10:10 (15)	141	75	48	12	36.1/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-28 09:35 (29)	138	74	55	16	36.8/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-28 11:41 (1)	150	82	55	15	36.8/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2051063	Day 36	2020-08-04 13:05 (8)	140	77	50	15	36.6/ORAL CAVITY
	Day 43	2020-08-11 09:38 (15)	150	79	50	15	36.3/ORAL CAVITY
	Day 57	2020-08-25 09:50 (29)	132	79	57	15	36.2/ORAL CAVITY
US2051072	Screening	2020-06-19 08:45 (-17)	135	73	54	12	36.9/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-07-06 15:21 (1)	137	73	58	14	36.7/ORAL CAVITY
	Day 1/ POST-DOSE	2020-07-06 17:24 (1)	148	85	42	14	36.3/ORAL CAVITY
	Day 8	2020-07-13 08:17 (8)	120	89	59	14	37.1/ORAL CAVITY
	Day 15	2020-07-20 08:15 (15)	124	78	55	14	36.1/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-08-03 08:34 (29)	123	72	57	14	36.7/ORAL CAVITY
	Day 29/ POST-DOSE	2020-08-03 10:49 (1)	139	75	50	16	36.2/ORAL CAVITY
	Day 36	2020-08-10 08:12 (8)	124	76	54	16	35.9/ORAL CAVITY
	Day 43	2020-08-17 10:07 (15)	144	76	45	15	36.8/ORAL CAVITY
	Day 57	2020-09-21 08:25 (50)	146	87	67	15	36.6/ORAL CAVITY
US2051073	Screening	2020-06-19 10:05 (-17)	118	69	66	16	36.7/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-07-06 12:38 (1)	118	60	66	16	36.3/ORAL CAVITY
	Day 1/ POST-DOSE	2020-07-06 14:37 (1)	129	83	68	15	36.5/ORAL CAVITY
	Day 8	2020-07-13 14:05 (8)	107	67	68	16	36.6/ORAL CAVITY
	Day 15	2020-07-22 14:01 (17)	122	80	71	14	36.6/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2051073	Day 29/ PRE-DOSE	2020-08-05 11:13 (31)	117	61	63	13	36.2/ORAL CAVITY
	Day 29/ POST-DOSE	2020-08-05 13:08 (1)	115	68	68	15	35.9/ORAL CAVITY
	Day 36	2020-08-12 10:50 (8)	110	66	72	16	36.7/ORAL CAVITY
	Day 43	2020-08-19 13:32 (15)	130	81	69	16	36/ORAL CAVITY
	Day 57	2020-08-31 11:45 (27)	118	72	74	16	36.8/ORAL CAVITY
US2051086	Screening	2020-06-24 15:20 (-12)	114	65	69	16	37/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-07-06 14:08 (1)	117	58	61	14	36.6/ORAL CAVITY
	Day 1/ POST-DOSE	2020-07-06 16:06 (1)	127	85	68	15	36.4/ORAL CAVITY
	Day 8	2020-07-13 11:06 (8)	110	77	74	13	37.1/ORAL CAVITY
	Day 15	2020-07-28 11:05 (23)	129	81	66	15	36.8/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-08-04 11:09 (30)	129	83	56	12	36.8/ORAL CAVITY
	Day 29/ POST-DOSE	2020-08-04 13:16 (1)	153	89	60	14	36.1/ORAL CAVITY
	Day 36	2020-08-11 10:58 (8)	144	89	66	14	36.3/ORAL CAVITY
	Day 43	2020-08-18 11:06 (15)	109	70	73	16	36.5/ORAL CAVITY
	Day 57	2020-09-03 10:57 (31)	137	84	66	15	36.5/ORAL CAVITY
US2051087	Screening	2020-06-25 08:50 (-11)	147	76	62	15	38.1/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-07-06 09:35 (1)	134	76	67	16	37.1/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2051087	Day 1/ POST-DOSE	2020-07-06 11:45 (1)	119	78	61	16	36.7/ORAL CAVITY
	Day 8	2020-07-13 14:30 (8)	121	78	78	14	37.2/ORAL CAVITY
	Day 15	2020-07-21 10:26 (16)	110	73	65	12	37/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-08-04 08:12 (30)	118	71	66	14	36.9/ORAL CAVITY
	Day 29/ POST-DOSE	2020-08-04 10:23 (1)	123	72	58	14	36.7/ORAL CAVITY
	Day 36	2020-08-12 14:05 (9)	118	63	73	15	36.9/ORAL CAVITY
	Day 43	2020-08-18 09:09 (15)	121	68	73	16	37.1/ORAL CAVITY
	Day 57	2020-09-08 09:13 (36)	119	72	69	16	36.9/ORAL CAVITY
US2051089	Screening	2020-06-25 11:07 (-7)	108	73	70	14	36.3/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-07-02 11:13 (1)	114	84	73	16	37/ORAL CAVITY
	Day 1/ POST-DOSE	2020-07-02 13:38 (1)	112	75	63	16	36.7/ORAL CAVITY
	Day 8	2020-07-09 08:12 (8)	103	70	68	14	36.8/ORAL CAVITY
	Day 15	2020-07-15 08:10 (14)	119	74	69	14	37.2/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-30 09:58 (29)	92	72	85	12	36.6/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-30 11:50 (1)	94	64	81	15	37.1/ORAL CAVITY
	Day 36	2020-08-06 08:16 (8)	100	66	63	14	37/ORAL CAVITY
	Day 43	2020-08-14 10:05 (16)	96	64	76	12	36.9/ORAL CAVITY
	Day 57	2020-08-28 08:51 (30)	97	62	58	12	37.2/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2051098	Screening	2020-06-29 14:26 (-7)	112	60	69	14	36.5/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-07-06 13:04 (1)	95	48	70	16	36.9/ORAL CAVITY
	Day 1/ POST-DOSE	2020-07-06 15:25 (1)	101	62	59	16	35.5/ORAL CAVITY
	Day 8	2020-07-14 10:12 (9)	106	74	71	12	36.8/ORAL CAVITY
	Day 15	2020-07-22 13:21 (17)	116	95	80	12	36.7/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-08-05 09:05 (31)	91	55	64	16	36.8/ORAL CAVITY
	Day 29/ POST-DOSE	2020-08-05 11:15 (1)	98	54	59	16	36.4/ORAL CAVITY
	Day 36	2020-08-12 09:08 (8)	110	71	80	14	36.2/ORAL CAVITY
	Day 43	2020-08-18 14:35 (14)	102	64	65	14	36.4/ORAL CAVITY
	Day 57	2020-09-08 10:10 (35)	111	67	67	14	35.7/ORAL CAVITY
US2051112	Screening	2020-07-01 13:15 (-5)	152	82	72	14	36.8/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-07-06 10:23 (1)	116	69	65	15	36.7/ORAL CAVITY
	Day 1/ POST-DOSE	2020-07-06 12:43 (1)	135	70	55	15	36.8/ORAL CAVITY
	Day 8	2020-07-13 10:20 (8)	128	88	70	12	36.6/ORAL CAVITY
	Day 15	2020-07-20 10:26 (15)	135	92	69	12	36.9/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-08-03 11:47 (29)	148	90	74	15	36.6/ORAL CAVITY
	Day 29/ POST-DOSE	2020-08-03 13:40 (1)	135	98	70	15	36.5/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2051112	Day 36	2020-08-10 10:36 (8)	153	93	76	14	37.1/ORAL CAVITY
	Day 43	2020-08-17 10:50 (15)	130	97	76	14	36.5/ORAL CAVITY
	Day 57	2020-08-31 13:28 (29)	131	85	62	14	36.6/ORAL CAVITY
US2061035	Screening	2020-06-09 09:51 (-17)	116	60	55	16	36.1/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-26 11:15 (1)	130	66	58	16	36.6/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-26 13:41 (1)	124	71	46	16	36.7/ORAL CAVITY
	Day 8	2020-07-06 11:02 (11)	133	72	52	16	36.4/ORAL CAVITY
	Day 15	2020-07-13 09:05 (18)	107	54	62	16	36.8/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-20 09:06 (25)	96	50	63	16	36.9/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-20 11:19 (1)	109	53	49	16	36.3/ORAL CAVITY
	Day 36	2020-07-27 09:05 (8)	106	57	65	14	37.1/ORAL CAVITY
	Day 43	2020-08-03 09:31 (15)	116	53	58	16	36.5/ORAL CAVITY
	Day 57	2020-08-18 09:09 (30)	116	62	60	16	36.3/ORAL CAVITY
US2061043	Screening	2020-06-10 13:48 (-19)	129	76	83	16	36.8/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-29 13:41 (1)	122	70	80	16	36.9/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-29 16:27 (1)	114	60	89	14	36.9/ORAL CAVITY
	Day 8	2020-07-07 14:09 (9)	114	67	73	16	36.9/ORAL CAVITY
	Day 15	2020-07-13 15:17 (15)	113	72	81	16	37.1/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2061043	Day 29/ PRE-DOSE	2020-07-27 13:35 (29)	118	81	79	16	36.3/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-27 16:00 (1)	125	64	81	16	37.1/ORAL CAVITY
	Day 36	2020-08-05 10:40 (10)	117	73	76	16	36.8/ORAL CAVITY
	Day 43	2020-08-12 13:15 (17)	124	78	70	16	37.1/ORAL CAVITY
	Day 57	2020-08-21 10:24 (26)	119	74	91	16	37.5/ORAL CAVITY
US2061046	Screening	2020-06-11 10:36 (-18)	140	64	68	14	36.6/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-29 13:19 (1)	143	80	71	16	36.8/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-29 16:21 (1)	150	84	66	16	36.2/ORAL CAVITY
	Day 8	2020-07-09 13:06 (11)	132	72	68	16	36.9/ORAL CAVITY
	Day 15	2020-07-13 15:01 (15)	103	66	62	14	36.6/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-27 08:20 (29)	133	71	62	16	36.6/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-27 10:29 (1)	129	72	57	14	36.7/ORAL CAVITY
	Day 36	2020-08-04 14:04 (9)	101	51	77	16	36.8/ORAL CAVITY
	Day 43	2020-08-10 08:07 (15)	119	65	63	16	36.6/ORAL CAVITY
	Day 57	2020-08-24 08:12 (29)	107	61	72	16	36.8/ORAL CAVITY
US2061051	Screening	2020-06-15 11:00 (-15)	122	78	60	16	36.6/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-30 10:04 (1)	115	69	66	14	36.3/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2061051	Day 1/ POST-DOSE	2020-06-30 12:04 (1)	126	70	62	16	37.3/ORAL CAVITY
	Day 8	2020-07-07 13:17 (8)	113	69	69	16	37.3/ORAL CAVITY
	Day 15	2020-07-13 14:22 (14)	124	81	82	14	36.8/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-30 15:18 (31)	128	80	66	16	36.7/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-30 17:24 (1)	124	89	80	16	36.7/ORAL CAVITY
	Day 36	2020-08-06 08:15 (8)	134	76	69	16	36.8/ORAL CAVITY
	Day 43	2020-08-11 09:23 (13)	123	80	85	16	36.8/ORAL CAVITY
	Day 57	2020-08-24 08:15 (26)	127	75	66	16	36.8/ORAL CAVITY
US2061055	Screening	2020-06-16 11:10 (-14)	157	82	66	20	36.6/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-30 08:19 (1)	122	72	69	16	36.3/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-30 10:32 (1)	158	75	67	16	36.4/ORAL CAVITY
	Day 8	2020-07-07 09:08 (8)	144	75	67	20	36.5/ORAL CAVITY
	Day 15	2020-07-14 08:10 (15)	138	77	64	16	36.6/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-28 08:26 (29)	134	85	67	16	36.2/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-28 10:27 (1)	137	68	53	16	36.4/ORAL CAVITY
	Day 36	2020-08-04 08:08 (8)	149	73	64	16	36.5/ORAL CAVITY
	Day 43	2020-08-11 08:31 (15)	113	66	63	16	36.5/ORAL CAVITY
	Day 57	2020-08-24 09:09 (28)	119	79	79	14	36.4/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2071005	Screening	2020-05-25 09:51 (-8)	132	86	86	16	36.2/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-02 16:20 (1)	136	80	72	14	36.7/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-02 18:18 (1)	126	82	76	16	36.4/ORAL CAVITY
	Day 8	2020-06-09 16:10 (8)	132	86	76	14	37.1/ORAL CAVITY
	Day 15	2020-06-19 11:42 (18)	126	80	68	12	36.7/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-06 14:05 (35)	118	80	66	12	37.1/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-06 15:46 (1)	118	82	72	14	36.6/ORAL CAVITY
	Day 36	2020-07-14 08:46 (9)	114	72	70	14	36.6/ORAL CAVITY
	Day 43	2020-07-20 11:42 (15)	106	74	80	14	37/ORAL CAVITY
	Day 57	2020-07-31 08:36 (26)	134	76	80	14	36.7/ORAL CAVITY
US2071041	Screening	2020-05-28 09:58 (-5)	120	78	60	12	36.7/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-02 08:11 (1)	124	78	68	14	36.3/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-02 10:51 (1)	128	80	74	14	35.9/ORAL CAVITY
	Day 8	2020-06-09 08:14 (8)	118	78	74	14	36.3/ORAL CAVITY
	Day 15	2020-06-16 08:19 (15)	122	74	76	14	36.6/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-02 08:11 (31)	110	76	60	12	36.6/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-02 09:45 (1)	120	70	60	12	36.5/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2071041	Day 36	2020-07-10 08:12 (9)	130	78	80	14	36.8/ORAL CAVITY
	Day 43	2020-07-17 08:20 (16)	118	74	76	16	36.8/ORAL CAVITY
	Day 57	2020-07-28 08:22 (27)	122	83	74	12	37.1/ORAL CAVITY
US2071084	Screening	2020-06-15 10:37 (-11)	130	70	60	12	36.7/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-26 08:35 (1)	120	70	60	12	36.2/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-26 11:17 (1)	130	78	68	14	36.1/ORAL CAVITY
	Day 8	2020-07-06 08:16 (11)	115	74	60	12	35.9/ORAL CAVITY
	Day 15	2020-07-13 08:38 (18)	124	78	77	16	36.3/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-27 10:12 (32)	120	76	68	16	36.5/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-27 12:10 (1)	120	78	76	14	37.1/ORAL CAVITY
	Day 36	2020-08-04 10:09 (9)	133	83	62	14	36.4/ORAL CAVITY
	Day 43	2020-08-12 08:35 (17)	132	70	64	14	36.3/ORAL CAVITY
	Day 57	2020-08-24 08:18 (29)	134	81	53	16	36.3/ORAL CAVITY
US2071085	Screening	2020-06-17 11:42 (-9)	100	68	60	12	37.1/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-26 13:51 (1)	122	70	66	16	36.1/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-26 15:45 (1)	120	76	68	14	36.9/ORAL CAVITY
	Day 8	2020-07-06 08:52 (11)	140	78	60	12	36.6/ORAL CAVITY
	Day 15	2020-07-13 09:30 (18)	138	76	64	14	36/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2071085	Day 29/ PRE-DOSE	2020-07-28 13:26 (33)	114	70	76	14	36.4/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-28 15:12 (1)	122	78	72	16	36.6/ORAL CAVITY
	Day 36	2020-08-04 12:59 (8)	128	60	68	12	36.7/ORAL CAVITY
	Day 43	2020-08-10 13:40 (14)	146	62	84	14	37.1/ORAL CAVITY
	Day 57	2020-08-24 14:23 (28)	113	66	62	12	36.5/ORAL CAVITY
US2071086	Screening	2020-06-18 09:29 (-8)	136	80	80	16	36.8/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-26 11:46 (1)	132	86	78	16	36.3/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-26 13:48 (1)	118	60	62	16	36.8/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-29 09:37 (34)	132	82	82	14	36.8/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-29 11:40 (1)	124	80	76	16	36.2/ORAL CAVITY
	Day 36	2020-08-05 08:44 (8)	137	76	76	14	36.6/ORAL CAVITY
	Day 43	2020-08-12 09:32 (15)	102	67	67	12	36.8/ORAL CAVITY
	Day 57	2020-08-24 09:08 (27)	137	84	76	14	36.4/ORAL CAVITY
US2071088	Screening	2020-06-18 13:11 (-8)	128	78	82	16	36.7/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-26 13:10 (1)	114	70	68	18	36.9/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-26 15:11 (1)	120	76	68	12	36.8/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2071088	Day 8	2020-07-06 13:14 (11)	114	64	88	16	36.8/ORAL CAVITY
	Day 15	2020-07-08 13:00 (13)	114	76	100	14	37.2/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-27 11:14 (32)	110	68	84	14	36.4/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-27 12:58 (1)	126	70	86	14	37.2/ORAL CAVITY
	Day 36	2020-08-05 11:23 (10)	102	70	88	14	36.8/ORAL CAVITY
	Day 43	2020-08-12 11:27 (17)	121	70	94	12	36.7/ORAL CAVITY
	Day 57	2020-08-24 10:43 (29)	116	72	89	22	36.6/ORAL CAVITY
US2071092	Screening	2020-06-19 14:08 (-7)	110	78	60	12	36.6/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-26 10:13 (1)	100	60	72	16	36.5/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-26 12:18 (1)	124	80	88	16	36.6/ORAL CAVITY
	Day 8	2020-07-06 10:12 (11)	130	76	60	12	36.7/ORAL CAVITY
	Day 15	2020-07-08 09:21 (13)	104	62	74	14	36.8/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-21 09:37 (26)	100	70	78	16	36.7/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-21 11:19 (1)	130	86	76	16	36.4/ORAL CAVITY
	Day 36	2020-07-28 09:58 (8)	112	76	64	12	37.2/ORAL CAVITY
	Day 43	2020-08-05 09:45 (16)	119	72	67	14	37.1/ORAL CAVITY
	Day 57	2020-08-19 10:14 (30)	120	76	66	14	36.5/ORAL CAVITY
US2071094	Screening	2020-06-22 10:47 (-14)	122	76	88	14	36.2/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2071094	Day 1/ PRE-DOSE	2020-07-06 08:35 (1)	124	74	84	16	36.6/ORAL CAVITY
	Day 1/ POST-DOSE	2020-07-06 10:29 (1)	124	78	80	16	36.8/ORAL CAVITY
	Day 8	2020-07-13 11:02 (8)	118	76	76	14	37/ORAL CAVITY
	Day 15	2020-07-23 14:39 (18)	118	78	64	16	37/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-08-04 11:41 (30)	110	68	60	14	37.1/ORAL CAVITY
	Day 36	2020-08-11 11:18 (8)	112	74	85	12	36.8/ORAL CAVITY
	Day 43	2020-08-17 15:15 (14)	114	78	80	12	36.5/ORAL CAVITY
	Day 57	2020-08-31 14:40 (28)	124	86	86	14	36.6/ORAL CAVITY
US2071098	Screening	2020-06-24 14:36 (-7)	118	74	60	16	36.8/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-07-01 09:48 (1)	142	64	65	16	36.8/ORAL CAVITY
	Day 1/ POST-DOSE	2020-07-01 11:40 (1)	130	68	62	16	36.2/ORAL CAVITY
	Day 8	2020-07-08 13:48 (8)	112	62	58	14	36.1/ORAL CAVITY
	Day 15	2020-07-15 13:38 (15)	110	72	74	14	36.4/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-08-05 15:35 (36)	110	68	62	14	36.8/ORAL CAVITY
	Day 29/ POST-DOSE	2020-08-05 17:39 (1)	110	74	68	18	36.9/ORAL CAVITY
	Day 36	2020-08-13 08:40 (9)	142	87	62	16	36.9/ORAL CAVITY
	Day 43	2020-08-19 08:41 (15)	140	80	60	12	36.7/ORAL CAVITY
	Day 57	2020-08-31 08:37 (27)	128	82	56	14	36.7/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2071100	Screening	2020-06-25 10:00 (-11)	118	64	68	16	37/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-07-06 15:09 (1)	140	74	80	14	36.2/ORAL CAVITY
	Day 1/ POST-DOSE	2020-07-06 17:08 (1)	142	76	80	14	37.1/ORAL CAVITY
	Day 8	2020-07-14 09:40 (9)	138	80	80	16	36.6/ORAL CAVITY
	Day 15	2020-07-22 09:38 (17)	138	68	80	18	36.4/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-08-04 10:01 (30)	138	78	80	16	36.8/ORAL CAVITY
	Day 29/ POST-DOSE	2020-08-04 11:47 (1)	140	80	78	14	37.3/ORAL CAVITY
	Day 36	2020-08-11 10:13 (8)	145	63	85	16	36.9/ORAL CAVITY
	Day 43	2020-08-20 10:48 (17)	136	83	76	16	37.3/ORAL CAVITY
	Day 57	2020-09-03 10:34 (31)	147	71	78	12	36.5/ORAL CAVITY
US2071102	Screening	2020-06-25 15:54 (-4)	110	76	80	14	36.6/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-29 12:12 (1)	114	72	76	14	36.3/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-29 14:05 (1)	120	80	76	14	36.4/ORAL CAVITY
	Day 8	2020-07-09 15:10 (11)	124	80	82	16	36.6/ORAL CAVITY
	Day 15	2020-07-14 10:05 (16)	118	78	88	14	36.8/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-28 13:26 (30)	122	80	80	16	36.5/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-28 15:16 (1)	118	78	88	14	36.6/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2071102	Day 36	2020-08-04 12:44 (8)	116	76	88	14	36.3/ORAL CAVITY
	Day 43	2020-08-13 15:50 (17)	118	80	76	14	36.7/ORAL CAVITY
	Day 57	2020-08-24 13:47 (28)	132	81	81	22	36.3/ORAL CAVITY
US2071103	Screening	2020-06-26 15:05 (-6)	124	72	72	16	36.2/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-07-02 14:50 (1)	124	78	88	16	37.2/ORAL CAVITY
	Day 1/ POST-DOSE	2020-07-02 16:52 (1)	112	60	60	14	36.6/ORAL CAVITY
	Day 8	2020-07-10 13:56 (9)	122	76	80	14	36.6/ORAL CAVITY
	Day 15	2020-07-17 10:54 (16)	120	78	80	16	36.5/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-08-06 08:48 (36)	117	74	79	14	36.5/ORAL CAVITY
	Day 29/ POST-DOSE	2020-08-06 11:01 (1)	120	70	68	14	36.3/ORAL CAVITY
	Day 36	2020-08-14 11:16 (9)	123	74	82	14	36.8/ORAL CAVITY
	Day 43	2020-08-21 13:40 (16)	115	74	81	12	36.7/ORAL CAVITY
	Day 57	2020-09-11 11:55 (37)	120	78	68	14	36.3/ORAL CAVITY
US2071105	Screening	2020-06-30 08:40 (-6)	124	82	76	14	36.3/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-07-06 11:47 (1)	120	78	76	14	36.6/ORAL CAVITY
	Day 1/ POST-DOSE	2020-07-06 14:10 (1)	124	74	68	14	36.3/ORAL CAVITY
	Day 8	2020-07-13 10:15 (8)	142	78	76	12	37/ORAL CAVITY
	Day 15	2020-07-23 10:22 (18)	126	80	80	14	36.9/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2071105	Day 29/ PRE-DOSE	2020-08-10 10:45 (36)	132	77	56	12	37.1/ORAL CAVITY
	Day 29/ POST-DOSE	2020-08-10 12:38 (1)	116	67	59	18	36.7/ORAL CAVITY
	Day 36	2020-08-19 11:00 (10)	128	82	67	16	36.4/ORAL CAVITY
	Day 43	2020-08-26 11:15 (17)	115	70	60	12	36.7/ORAL CAVITY
	Day 57	2020-09-09 12:23 (31)	145	74	71	12	36.7/ORAL CAVITY
US2081004	Screening	2020-05-26 11:21 (-3)	158	102	87	20	36.8/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-05-29 13:12 (1)	148	88	97	17	36.7/ORAL CAVITY
	Day 1/ POST-DOSE	2020-05-29 15:10 (1)	144	85	91	17	37.2/ORAL CAVITY
	Day 8	2020-06-08 11:03 (11)	130	82	88	18	36.8/ORAL CAVITY
	Day 15	2020-06-15 10:07 (18)	134	70	68	17	37.1/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-06-29 11:14 (32)	128	80	60	17	36.8/ORAL CAVITY
	Day 29/ POST-DOSE	2020-06-29 13:06 (1)	135	86	68	18	36.8/ORAL CAVITY
	Day 36	2020-07-08 15:11 (10)	144	90	112	16	36.1/ORAL CAVITY
	Day 43	2020-07-15 10:10 (17)	118	70	60	17	36.7/ORAL CAVITY
	Day 57	2020-07-27 10:10 (29)	126	86	99	18	37/ORAL CAVITY
US2081005	Screening	2020-05-26 12:50 (-6)	106	72	61	21	36.8/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-01 09:26 (1)	126	80	72	17	36.7/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2081005	Day 1/ POST-DOSE	2020-06-01 11:29 (1)	122	78	71	17	36.7/ORAL CAVITY
	Day 8	2020-06-09 11:05 (9)	105	66	75	18	36.8/ORAL CAVITY
	Day 15	2020-06-16 11:08 (16)	111	72	73	17	36.7/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-01 13:15 (31)	118	68	56	17	36.8/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-01 15:10 (1)	102	71	60	14	36.6/ORAL CAVITY
	Day 36	2020-07-09 09:09 (9)	103	77	67	10	36.7/ORAL CAVITY
	Day 43	2020-07-17 11:41 (17)	114	70	74	16	36.9/ORAL CAVITY
	Day 57	2020-07-28 12:10 (28)	104	72	68	17	36.9/ORAL CAVITY
US2081007	Screening	2020-05-27 08:07 (-5)	126	58	87	17	36.7/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-01 07:20 (1)	126	58	86	18	36.7/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-01 10:05 (1)	156	91	60	17	36.6/ORAL CAVITY
	Day 8	2020-06-09 07:02 (9)	132	84	66	16	36.4/ORAL CAVITY
	Day 15	2020-06-17 07:57 (17)	134	86	77	16	36.9/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-06-30 15:02 (30)	137	84	65	18	37.1/ORAL CAVITY
	Day 29/ POST-DOSE	2020-06-30 16:31 (1)	112	80	60	17	37/ORAL CAVITY
	Day 36	2020-07-08 07:08 (9)	135	83	66	12	36.7/ORAL CAVITY
	Day 43	2020-07-15 07:09 (16)	114	76	56	17	36.7/ORAL CAVITY
	Day 57	2020-07-28 07:05 (29)	122	84	69	18	37.2/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2081015	Screening	2020-05-27 13:30 (-5)	135	91	68	17	36.8/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-01 13:45 (1)	135	91	68	17	36.8/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-01 15:35 (1)	128	66	74	18	36.9/ORAL CAVITY
	Day 8	2020-06-09 07:59 (9)	126	90	70	14	36.8/ORAL CAVITY
	Day 15	2020-06-16 08:08 (16)	131	76	61	17	36.7/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-01 09:05 (31)	136	81	51	17	36.2/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-01 10:40 (1)	138	86	60	16	36.6/ORAL CAVITY
	Day 36	2020-07-09 08:36 (9)	128	82	66	12	36.5/ORAL CAVITY
	Day 43	2020-07-14 14:08 (14)	135	84	80	18	36.4/ORAL CAVITY
	Day 57	2020-07-27 09:10 (27)	126	88	74	17	36.7/ORAL CAVITY
US2081017	Screening	2020-05-28 07:40 (-5)	130	89	84	17	36.7/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-02 07:25 (1)	132	78	84	17	36.4/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-02 09:15 (1)	102	69	68	18	37.1/ORAL CAVITY
	Day 8	2020-06-09 07:06 (8)	109	78	71	14	36.8/ORAL CAVITY
	Day 15	2020-06-16 07:20 (15)	119	76	80	17	37.2/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-06 15:05 (35)	104	68	86	17	37.1/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-06 16:42 (1)	113	81	70	18	36.8/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2081017	Day 36	2020-07-14 09:39 (9)	114	79	85	18	37.1/ORAL CAVITY
	Day 43	2020-07-21 09:05 (16)	100	68	50	17	36.8/ORAL CAVITY
	Day 57	2020-08-06 13:30 (32)	116	83	64	14	37.2/ORAL CAVITY
US2081029	Screening	2020-05-29 08:52 (-4)	142	94	64	16	36.8/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-02 13:25 (1)	120	72	72	18	36.7/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-02 15:19 (1)	140	80	64	17	36.7/ORAL CAVITY
	Day 8	2020-06-09 13:05 (8)	142	90	66	16	36.8/ORAL CAVITY
	Day 15	2020-06-16 12:09 (15)	126	82	69	17	36.8/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-07 11:05 (36)	132	82	68	18	36.9/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-07 12:58 (1)	132	84	64	18	36.6/ORAL CAVITY
	Day 36	2020-07-14 15:05 (8)	140	79	84	20	36.8/ORAL CAVITY
	Day 43	2020-07-21 15:02 (15)	132	88	68	14	36.6/ORAL CAVITY
	Day 57	2020-08-06 14:02 (31)	136	86	65	14	36.8/ORAL CAVITY
US2081030	Screening	2020-05-29 10:43 (-4)	128	78	62	14	36.7/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-02 11:23 (1)	120	72	62	18	36.7/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-02 13:43 (1)	122	70	72	18	36.7/ORAL CAVITY
	Day 8	2020-06-09 10:01 (8)	116	74	60	16	36.8/ORAL CAVITY
	Day 15	2020-06-16 07:07 (15)	122	70	68	17	36.8/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2081030	Day 29/ PRE-DOSE	2020-07-06 09:10 (35)	112	68	52	16	37.2/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-06 10:23 (1)	129	76	49	12	36.7/ORAL CAVITY
	Day 36	2020-07-13 08:06 (8)	124	74	74	18	36.7/ORAL CAVITY
	Day 43	2020-07-20 08:00 (15)	127	83	55	18	36.6/ORAL CAVITY
	Day 57	2020-08-03 08:10 (29)	120	85	65	17	36.5/ORAL CAVITY
US2081065	Screening	2020-06-11 09:05 (-15)	121	73	78	17	36.7/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-26 07:05 (1)	127	82	81	17	36.9/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-26 09:35 (1)	112	76	68	17	36.8/ORAL CAVITY
	Day 8	2020-07-03 07:07 (8)	119	80	70	12	36.6/ORAL CAVITY
	Day 15	2020-07-09 12:14 (14)	114	74	76	16	36.6/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-24 07:05 (29)	113	75	68	17	36.9/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-24 08:51 (1)	116	76	64	17	36.9/ORAL CAVITY
	Day 36	2020-08-03 10:10 (11)	120	79	68	17	36.7/ORAL CAVITY
	Day 43	2020-08-10 11:05 (18)	122	82	68	16	36.6/ORAL CAVITY
	Day 57	2020-08-24 08:13 (32)	115	80	84	14	36.9/ORAL CAVITY
US2081066	Screening	2020-06-11 11:58 (-15)	149	93	57	18	36.8/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-26 11:07 (1)	128	88	58	17	36.4/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2081066	Day 1/ POST-DOSE	2020-06-26 13:12 (1)	134	89	55	17	36.7/ORAL CAVITY
	Day 8	2020-07-03 08:03 (8)	131	78	56	16	36.6/ORAL CAVITY
	Day 15	2020-07-09 08:36 (14)	154	101	63	16	36.6/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-24 09:00 (29)	157	92	57	17	36.8/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-24 10:30 (1)	142	87	53	14	36.7/ORAL CAVITY
	Day 36	2020-08-03 10:06 (11)	130	82	59	14	36.7/ORAL CAVITY
	Day 43	2020-08-11 13:05 (19)	137	81	61	18	36.7/ORAL CAVITY
	Day 57	2020-08-25 09:24 (33)	144	89	68	16	36.6/ORAL CAVITY
US2081073	Screening	2020-06-15 09:20 (-11)	123	87	55	14	36.4/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-26 09:06 (1)	139	80	61	17	36.6/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-26 11:03 (1)	136	80	61	17	36.5/ORAL CAVITY
	Day 8	2020-07-03 10:00 (8)	120	77	50	16	36.4/ORAL CAVITY
	Day 15	2020-07-13 10:00 (18)	127	80	56	18	36.6/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-24 10:55 (29)	111	75	49	17	36.6/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-24 13:08 (1)	130	78	50	17	36.8/ORAL CAVITY
	Day 36	2020-08-03 12:01 (11)	128	88	51	16	36.4/ORAL CAVITY
	Day 43	2020-08-10 09:19 (18)	112	76	56	12	35.3/ORAL CAVITY
	Day 57	2020-08-21 10:05 (29)	111	76	61	12	36.8/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2081077	Screening	2020-06-16 14:08 (-14)	140	71	68	17	36.7/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-30 13:10 (1)	134	87	68	17	37.1/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-30 15:24 (1)	143	89	65	18	36.8/ORAL CAVITY
	Day 8	2020-07-08 10:00 (9)	125	76	68	18	36.6/ORAL CAVITY
	Day 15	2020-07-16 14:05 (17)	130	73	68	18	36.9/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-08-03 10:59 (35)	142	81	72	18	36.8/ORAL CAVITY
	Day 29/ POST-DOSE	2020-08-03 12:57 (1)	136	88	68	14	36.8/ORAL CAVITY
	Day 36	2020-08-10 13:14 (8)	134	86	74	16	36.7/ORAL CAVITY
	Day 43	2020-08-18 15:06 (16)	138	84	74	14	36.6/ORAL CAVITY
	Day 57	2020-08-31 14:12 (29)	125	75	89	14	36.8/ORAL CAVITY
US2081080	Screening	2020-06-17 09:07 (-14)	134	82	68	17	37/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-07-01 11:07 (1)	118	72	62	18	36.8/ORAL CAVITY
	Day 1/ POST-DOSE	2020-07-01 12:49 (1)	144	86	53	12	36.6/ORAL CAVITY
	Day 8	2020-07-09 10:07 (9)	148	86	64	10	36.6/ORAL CAVITY
	Day 15	2020-07-17 09:00 (17)	145	90	65	16	36.7/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-31 09:03 (31)	136	88	64	14	36.8/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-31 10:53 (1)	138	80	56	16	37.1/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2081080	Day 36	2020-08-07 08:53 (8)	135	85	68	14	36.2/ORAL CAVITY
	Day 43	2020-08-14 08:43 (15)	135	85	60	12	36.6/ORAL CAVITY
	Day 57	2020-08-28 08:00 (29)	132	82	62	14	36.6/ORAL CAVITY
US2081087	Screening	2020-06-18 12:00 (-12)	127	78	77	18	37/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-30 07:08 (1)	100	72	56	17	37.2/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-30 08:52 (1)	106	72	56	17	36.9/ORAL CAVITY
	Day 8	2020-07-08 08:10 (9)	142	78	79	12	37.1/ORAL CAVITY
	Day 15	2020-07-15 08:00 (16)	134	68	74	17	36.8/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-29 07:09 (30)	126	80	74	16	36.8/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-29 08:48 (1)	136	82	68	14	36.7/ORAL CAVITY
	Day 36	2020-08-06 08:09 (9)	137	71	68	12	36.7/ORAL CAVITY
	Day 43	2020-08-13 10:55 (16)	123	73	80	17	37.1/ORAL CAVITY
	Day 57	2020-08-26 12:05 (29)	120	80	81	14	36.7/ORAL CAVITY
US2081097	Screening	2020-06-22 09:40 (-9)	129	70	77	17	36.7/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-07-01 07:05 (1)	121	75	81	18	36.5/ORAL CAVITY
	Day 1/ POST-DOSE	2020-07-01 09:14 (1)	122	76	66	16	36.4/ORAL CAVITY
	Day 8	2020-07-08 08:59 (8)	110	67	71	16	37/ORAL CAVITY
	Day 15	2020-07-14 10:15 (14)	124	75	73	17	36.7/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2081097	Day 29/ PRE-DOSE	2020-07-31 09:05 (31)	118	74	73	17	36.6/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-31 10:45 (1)	121	71	68	17	36.6/ORAL CAVITY
	Day 36	2020-08-07 09:15 (8)	130	75	54	17	36.2/ORAL CAVITY
	Day 43	2020-08-14 08:33 (15)	111	69	75	16	36.6/ORAL CAVITY
	Day 57	2020-08-28 08:51 (29)	119	78	78	12	36.5/ORAL CAVITY
US2081103	Screening	2020-06-23 09:37 (-9)	127	81	61	14	36.6/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-07-02 07:06 (1)	130	80	58	17	36.5/ORAL CAVITY
	Day 1/ POST-DOSE	2020-07-02 09:06 (1)	136	78	47	14	36.7/ORAL CAVITY
	Day 8	2020-07-08 12:11 (7)	138	77	65	16	37.1/ORAL CAVITY
	Day 15	2020-07-17 07:10 (16)	128	78	64	18	37/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-08-06 11:10 (36)	136	74	69	17	36.8/ORAL CAVITY
	Day 29/ POST-DOSE	2020-08-06 13:28 (1)	131	81	60	14	36.6/ORAL CAVITY
	Day 36	2020-08-13 07:43 (8)	120	74	63	16	36.8/ORAL CAVITY
	Day 43	2020-08-20 08:14 (15)	131	75	67	12	36.8/ORAL CAVITY
	Day 57	2020-09-01 08:13 (27)	125	83	66	12	36.7/ORAL CAVITY
US2081104	Screening	2020-06-23 09:39 (-9)	120	79	71	16	36.3/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-07-02 07:05 (1)	110	78	76	18	36.8/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2081104	Day 1/ POST-DOSE	2020-07-02 09:27 (1)	122	82	68	18	36.8/ORAL CAVITY
	Day 8	2020-07-08 12:11 (7)	121	75	86	12	36.7/ORAL CAVITY
	Day 15	2020-07-17 07:07 (16)	114	76	59	20	36.7/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-08-06 11:15 (36)	108	70	68	18	36.8/ORAL CAVITY
	Day 29/ POST-DOSE	2020-08-06 13:05 (1)	114	78	64	13	36.9/ORAL CAVITY
	Day 36	2020-08-13 07:39 (8)	114	75	67	17	36.9/ORAL CAVITY
	Day 43	2020-08-20 08:15 (15)	117	86	74	14	36.7/ORAL CAVITY
	Day 57	2020-09-01 08:12 (27)	116	75	80	16	36.7/ORAL CAVITY
US2081113	Screening	2020-06-24 09:00 (-14)	119	70	59	16	36.5/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-07-08 08:12 (1)	114	73	64	19	36.7/ORAL CAVITY
	Day 1/ POST-DOSE	2020-07-08 09:56 (1)	102	67	52	14	36.6/ORAL CAVITY
	Day 8	2020-07-17 08:33 (10)	117	74	50	14	36.5/ORAL CAVITY
	Day 15	2020-07-23 08:06 (16)	118	66	54	17	36.7/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-08-10 09:07 (34)	113	69	51	16	36.7/ORAL CAVITY
	Day 29/ POST-DOSE	2020-08-10 11:04 (1)	125	77	49	16	36.6/ORAL CAVITY
	Day 36	2020-08-18 10:56 (9)	111	68	69	16	36.7/ORAL CAVITY
	Day 43	2020-08-24 10:00 (15)	117	64	71	12	36.6/ORAL CAVITY
	Day 57	2020-09-08 08:11 (30)	115	78	47	14	36.8/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2081119	Screening	2020-06-24 13:25 (-12)	122	87	87	17	36.9/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-07-06 07:05 (1)	128	88	68	17	36.7/ORAL CAVITY
	Day 1/ POST-DOSE	2020-07-06 09:03 (1)	124	85	59	12	36.6/ORAL CAVITY
	Day 8	2020-07-13 14:03 (8)	122	84	67	12	36.7/ORAL CAVITY
	Day 15	2020-07-21 14:05 (16)	122	80	62	17	36.7/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-08-11 07:05 (37)	119	82	68	17	36.6/ORAL CAVITY
	Day 29/ POST-DOSE	2020-08-11 08:53 (1)	128	88	63	18	36.5/ORAL CAVITY
	Day 36	2020-08-19 12:08 (9)	127	83	60	12	36.6/ORAL CAVITY
	Day 43	2020-08-25 13:07 (15)	125	87	68	16	37.1/ORAL CAVITY
	Day 57	2020-09-08 10:10 (29)	126	88	71	12	36.6/ORAL CAVITY
US2081125	Screening	2020-06-25 10:30 (-7)	118	72	50	17	36.7/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-07-02 15:15 (1)	138	87	81	17	36.9/ORAL CAVITY
	Day 1/ POST-DOSE	2020-07-02 16:30 (1)	140	88	59	18	37/ORAL CAVITY
	Day 8	2020-07-08 12:52 (7)	137	93	53	14	36.9/ORAL CAVITY
	Day 15	2020-07-17 12:10 (16)	131	80	68	17	36.8/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-08-03 13:18 (33)	138	84	62	12	37.1/ORAL CAVITY
	Day 29/ POST-DOSE	2020-08-03 14:55 (1)	138	74	81	17	37.2/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2081125	Day 36	2020-08-11 13:08 (9)	128	82	68	18	37.1/ORAL CAVITY
	Day 43	2020-08-18 10:09 (16)	138	80	72	18	36.6/ORAL CAVITY
	Day 57	2020-08-31 11:17 (29)	132	82	56	18	37.1/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2011012	Screening	2020-05-26 15:21 (-6)	132	72	53	16	36.9/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-01 12:45 (1)	122	68	66	16	37.1/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-01 15:10 (1)	114	61	55	14	36.6/ORAL CAVITY
	Day 8	2020-06-08 10:31 (8)	118	62	67	12	36.8/ORAL CAVITY
	Day 15	2020-06-15 15:04 (15)	127	79	57	15	36.9/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-06-30 13:53 (30)	123	83	55	14	36.9/ORAL CAVITY
	Day 29/ POST-DOSE	2020-06-30 16:31 (1)	132	68	54	14	36.6/ORAL CAVITY
	Day 36	2020-07-07 13:23 (8)	127	69	61	14	36.8/ORAL CAVITY
	Day 43	2020-07-15 13:42 (16)	122	72	68	14	36.9/ORAL CAVITY
	Day 57	2020-07-31 13:41 (32)	126	70	60	14	36.8/ORAL CAVITY
US2011014	Screening	2020-05-26 16:06 (-6)	105	74	58	14	36.9/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-01 11:46 (1)	118	68	62	14	36.9/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-01 14:05 (1)	122	73	44	14	36.9/ORAL CAVITY
	Day 8	2020-06-08 07:26 (8)	124	74	55	14	36.7/ORAL CAVITY
	Day 15	2020-06-15 08:01 (15)	107	72	56	14	37.1/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-06-29 07:17 (29)	118	68	61	12	36.9/ORAL CAVITY
	Day 29/ POST-DOSE	2020-06-29 09:47 (1)	124	78	62	14	36.7/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2011014	Day 36	2020-07-06 08:15 (8)	124	83	53	12	37.2/ORAL CAVITY
	Day 43	2020-07-15 15:17 (17)	124	68	64	12	36.8/ORAL CAVITY
	Day 57	2020-07-29 12:26 (31)	118	76	68	15	36.8/ORAL CAVITY
US2011032	Screening	2020-05-27 09:25 (-6)	138	84	51	14	36.6/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-02 12:11 (1)	112	68	62	12	37/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-02 14:47 (1)	136	86	52	12	36.4/ORAL CAVITY
	Day 8	2020-06-10 10:51 (9)	124	72	63	14	36.9/ORAL CAVITY
	Day 15	2020-06-17 11:58 (16)	118	70	66	14	36.9/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-01 11:52 (30)	122	60	64	14	36.6/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-01 14:09 (1)	134	88	62	14	36.9/ORAL CAVITY
	Day 36	2020-07-08 11:56 (8)	128	78	72	14	36.9/ORAL CAVITY
	Day 43	2020-07-14 11:53 (14)	140	88	56	16	36.7/ORAL CAVITY
	Day 57	2020-07-29 12:30 (29)	129	90	56	14	36.7/ORAL CAVITY
US2011040	Screening	2020-05-27 13:17 (-5)	124	76	74	16	37/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-01 14:31 (1)	136	85	82	16	36.7/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-01 16:54 (1)	140	83	82	14	36.8/ORAL CAVITY
	Day 8	2020-06-08 10:28 (8)	134	93	84	14	37/ORAL CAVITY
	Day 15	2020-06-15 09:08 (15)	139	87	78	14	37.1/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2011040	Day 29/ PRE-DOSE	2020-06-29 09:08 (29)	118	76	78	14	36.5/ORAL CAVITY
	Day 29/ POST-DOSE	2020-06-29 11:58 (1)	129	76	68	14	36.7/ORAL CAVITY
	Day 36	2020-07-06 09:11 (8)	116	68	88	16	36.8/ORAL CAVITY
	Day 43	2020-07-13 14:15 (15)	137	85	77	16	36.5/ORAL CAVITY
	Day 57	2020-07-28 08:44 (30)	128	78	68	14	36.6/ORAL CAVITY
US2011117	Screening	2020-06-12 15:10 (-14)	134	80	63	16	36.6/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-26 12:24 (1)	128	71	58	14	36.5/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-26 15:45 (1)	124	76	61	16	36.6/ORAL CAVITY
	Day 8	2020-07-03 07:55 (8)	121	71	64	14	36.4/ORAL CAVITY
	Day 15	2020-07-10 07:55 (15)	121	67	66	14	36.6/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-24 08:08 (29)	129	75	69	14	36.7/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-24 11:02 (1)	128	78	55	14	37/ORAL CAVITY
	Day 36	2020-07-31 07:58 (8)	130	70	68	16	36.4/ORAL CAVITY
	Day 43	2020-08-07 07:36 (15)	128	76	65	14	36.8/ORAL CAVITY
	Day 57	2020-08-21 07:47 (29)	128	74	64	14	36.6/ORAL CAVITY
US2011123	Screening	2020-06-17 12:11 (-9)	126	80	72	14	36.6/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-26 15:23 (1)	120	84	76	16	36.7/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2011123	Day 1/ POST-DOSE	2020-06-26 18:05 (1)	122	78	74	14	36.5/ORAL CAVITY
	Day 8	2020-07-03 09:12 (8)	108	75	80	16	36.9/ORAL CAVITY
	Day 15	2020-07-10 09:02 (15)	102	74	67	14	36.7/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-24 15:15 (29)	116	79	81	16	36.9/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-24 17:22 (1)	116	80	69	16	36.7/ORAL CAVITY
	Day 36	2020-07-31 12:16 (8)	119	79	79	16	36.9/ORAL CAVITY
	Day 43	2020-08-07 12:40 (15)	110	73	78	16	36.7/ORAL CAVITY
	Day 57	2020-08-21 13:07 (29)	115	72	65	14	36.8/ORAL CAVITY
US2011125	Screening	2020-06-17 14:26 (-15)	106	61	66	14	36.8/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-07-02 15:08 (1)	124	62	62	12	36.9/ORAL CAVITY
	Day 1/ POST-DOSE	2020-07-02 18:24 (1)	102	70	68	16	36.8/ORAL CAVITY
	Day 8	2020-07-09 15:15 (8)	98	70	67	14	36.9/ORAL CAVITY
	Day 15	2020-07-16 09:16 (15)	96	61	72	14	37.1/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-29 13:34 (28)	100	67	74	14	37/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-29 16:16 (1)	113	78	58	16	36.8/ORAL CAVITY
	Day 36	2020-08-05 10:54 (8)	98	68	58	14	36.6/ORAL CAVITY
	Day 43	2020-08-14 07:21 (17)	94	67	67	14	36.9/ORAL CAVITY
	Day 57	2020-08-28 07:33 (31)	102	69	54	14	36.8/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2011127	Screening	2020-06-18 09:33 (-8)	127	79	68	14	36.8/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-26 13:27 (1)	123	81	77	14	36.8/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-26 16:38 (1)	128	82	72	14	36.2/ORAL CAVITY
	Day 8	2020-07-03 11:12 (8)	112	68	70	14	36.7/ORAL CAVITY
	Day 15	2020-07-10 11:28 (15)	139	69	71	14	36.6/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-24 11:52 (29)	120	75	59	14	36.7/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-24 14:14 (1)	114	75	54	14	36.7/ORAL CAVITY
	Day 36	2020-07-31 11:38 (8)	128	72	71	14	37/ORAL CAVITY
	Day 43	2020-08-07 13:32 (15)	120	84	76	14	37/ORAL CAVITY
	Day 57	2020-08-21 13:54 (29)	121	73	66	14	36.7/ORAL CAVITY
US2011137	Screening	2020-06-22 07:28 (-4)	112	86	71	14	36.8/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-26 07:27 (1)	122	77	65	14	36.6/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-26 10:17 (1)	117	99	57	14	36.5/ORAL CAVITY
	Day 8	2020-07-03 09:03 (8)	110	70	62	14	36.7/ORAL CAVITY
	Day 15	2020-07-10 07:13 (15)	120	78	69	14	36.5/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-24 07:17 (29)	118	68	72	14	36.7/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-24 10:07 (1)	122	72	64	14	36.9/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2011137	Day 36	2020-07-31 07:11 (8)	120	78	62	14	36.5/ORAL CAVITY
	Day 43	2020-08-07 07:14 (15)	122	82	67	14	36.6/ORAL CAVITY
	Day 57	2020-08-19 07:32 (27)	134	79	71	14	36.5/ORAL CAVITY
US2011138	Screening	2020-06-22 10:10 (-5)	109	74	60	16	36.8/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-27 10:12 (1)	120	71	70	14	36.8/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-27 12:18 (1)	131	75	64	14	36.7/ORAL CAVITY
	Day 8	2020-07-06 09:07 (10)	114	68	56	12	36.7/ORAL CAVITY
	Day 15	2020-07-13 09:05 (17)	111	72	68	14	36.7/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-27 08:40 (31)	118	74	60	14	36.7/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-27 10:55 (1)	117	83	56	16	36.8/ORAL CAVITY
	Day 36	2020-08-03 08:31 (8)	108	69	69	16	36.9/ORAL CAVITY
	Day 43	2020-08-10 09:11 (15)	104	71	60	14	36.8/ORAL CAVITY
	Day 57	2020-08-26 08:15 (31)	111	64	71	14	37/ORAL CAVITY
US2011153	Screening	2020-06-25 12:18 (-4)	106	72	53	14	36.6/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-29 13:00 (1)	121	78	60	14	36.7/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-29 15:41 (1)	107	78	60	14	36.7/ORAL CAVITY
	Day 8	2020-07-06 12:17 (8)	108	62	58	12	36.8/ORAL CAVITY
	Day 15	2020-07-13 12:10 (15)	115	79	61	14	36.7/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2011153	Day 29/ PRE-DOSE	2020-07-27 12:43 (29)	110	70	60	16	36.8/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-27 15:31 (1)	126	81	54	14	36.7/ORAL CAVITY
	Day 36	2020-08-03 12:08 (8)	110	73	66	14	36.8/ORAL CAVITY
	Day 43	2020-08-10 12:52 (15)	116	72	74	14	36.8/ORAL CAVITY
	Day 57	2020-08-24 12:53 (29)	112	72	56	16	36.6/ORAL CAVITY
US2021004	Screening	2020-05-26 08:26 (-3)	120	76	62	15	36.7/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-05-29 09:49 (1)	141	77	76	14	36.8/ORAL CAVITY
	Day 1/ POST-DOSE	2020-05-29 12:22 (1)	125	81	62	14	36.7/ORAL CAVITY
	Day 8	2020-06-05 08:22 (8)	119	76	66	15	37/ORAL CAVITY
	Day 15	2020-06-09 08:24 (12)	120	73	80	14	37.1/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-06-26 08:23 (29)	125	74	75	15	37.2/ORAL CAVITY
	Day 29/ POST-DOSE	2020-06-26 10:47 (1)	136	70	57	15	36.6/ORAL CAVITY
	Day 36	2020-07-06 09:25 (11)	116	73	69	14	37/ORAL CAVITY
	Day 43	2020-07-09 08:23 (14)	122	72	68	14	37/ORAL CAVITY
	Day 57	2020-07-24 08:50 (29)	114	69	78	14	37.2/ORAL CAVITY
US2021012	Screening	2020-05-26 11:18 (-6)	139	74	67	14	36.8/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-01 08:40 (1)	131	78	79	14	36.9/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2021012	Day 1/ POST-DOSE	2020-06-01 11:52 (1)	132	70	65	14	36.6/ORAL CAVITY
	Day 8	2020-06-08 09:11 (8)	130	79	80	15	36.9/ORAL CAVITY
	Day 15	2020-06-15 09:16 (15)	135	71	70	15	36.9/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-06-29 09:10 (29)	127	77	77	14	37.5/ORAL CAVITY
	Day 29/ POST-DOSE	2020-06-29 11:20 (1)	133	70	60	14	36.8/ORAL CAVITY
	Day 36	2020-07-08 09:08 (10)	133	79	70	15	37.1/ORAL CAVITY
	Day 43	2020-07-15 10:15 (17)	131	64	67	16	36.9/ORAL CAVITY
	Day 57	2020-07-27 11:50 (29)	138	83	67	16	36.8/ORAL CAVITY
US2021018	Screening	2020-05-26 13:22 (-3)	146	78	73	16	36.9/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-05-29 12:35 (1)	112	88	75	15	36.6/ORAL CAVITY
	Day 1/ POST-DOSE	2020-05-29 14:38 (1)	126	82	66	14	36.6/ORAL CAVITY
	Day 8	2020-06-05 11:08 (8)	140	88	75	14	36.8/ORAL CAVITY
	Day 15	2020-06-15 13:13 (18)	135	77	75	14	37.1/ORAL CAVITY
	Unscheduled	2020-06-29 13:00 (32)	118	78	64	14	36.8/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-13 13:00 (46)	129	52	81	15	37.2/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-13 15:06 (1)	137	86	79	15	36.9/ORAL CAVITY
	Day 36	2020-07-22 13:25 (10)	137	73	73	15	37/ORAL CAVITY
	Day 43	2020-07-29 13:18 (17)	129	77	75	15	36.9/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2021018	Day 57	2020-08-11 13:25 (30)	148	84	71	14	36.9/ORAL CAVITY
US2021019	Screening	2020-05-26 14:00 (-3)	117	82	78	14	36.9/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-05-29 13:57 (1)	117	81	94	14	37.1/ORAL CAVITY
	Day 1/ POST-DOSE	2020-05-29 16:07 (1)	122	83	85	16	37/ORAL CAVITY
	Day 8	2020-06-05 10:07 (8)	119	82	83	15	36.9/ORAL CAVITY
	Day 15	2020-06-09 10:02 (12)	124	83	80	15	37.2/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-02 15:40 (35)	137	92	86	15	37.2/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-02 17:36 (1)	131	87	93	18	36.8/ORAL CAVITY
	Day 36	2020-07-09 10:38 (8)	120	86	74	14	37.3/ORAL CAVITY
	Day 43	2020-07-13 08:15 (12)	104	84	76	16	36.8/ORAL CAVITY
	Day 57	2020-07-31 10:46 (30)	130	89	87	14	36.9/ORAL CAVITY
US2021020	Screening	2020-05-26 13:44 (-6)	116	76	66	15	36.9/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-01 11:04 (1)	138	77	65	15	36.7/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-01 13:27 (1)	138	68	54	15	36.2/ORAL CAVITY
	Day 8	2020-06-09 10:55 (9)	119	86	65	14	37.1/ORAL CAVITY
	Day 15	2020-06-16 10:57 (16)	130	80	60	14	37.1/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-06-30 10:15 (30)	142	82	63	16	37.1/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2021020	Day 29/ POST-DOSE	2020-06-30 12:14 (1)	136	75	58	16	36.9/ORAL CAVITY
	Day 36	2020-07-07 11:55 (8)	121	74	66	14	36.8/ORAL CAVITY
	Day 43	2020-07-14 11:28 (15)	134	81	63	14	36.8/ORAL CAVITY
	Day 57	2020-07-29 11:46 (30)	134	80	69	15	36.8/ORAL CAVITY
US2021045	Screening	2020-05-27 10:10 (-5)	108	67	66	14	36.7/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-01 16:44 (1)	104	74	68	14	36.8/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-01 19:00 (1)	102	73	62	14	36.9/ORAL CAVITY
	Day 8	2020-06-08 13:07 (8)	104	66	71	15	36.4/ORAL CAVITY
	Day 15	2020-06-16 11:05 (16)	101	66	60	15	36.6/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-06-29 14:25 (29)	105	63	66	14	37/ORAL CAVITY
	Day 29/ POST-DOSE	2020-06-29 16:13 (1)	103	73	66	14	36.8/ORAL CAVITY
	Day 36	2020-07-07 12:00 (9)	115	73	62	16	36.6/ORAL CAVITY
	Day 43	2020-07-15 14:13 (17)	113	71	69	18	36.8/ORAL CAVITY
	Day 57	2020-08-03 14:15 (36)	105	75	72	14	36.9/ORAL CAVITY
US2021047	Screening	2020-05-27 11:13 (-5)	132	70	62	16	37.1/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-01 16:13 (1)	134	80	63	15	37.1/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-01 18:50 (1)	133	78	60	14	36.8/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2021047	Day 8	2020-06-09 13:02 (9)	124	73	67	14	37.1/ORAL CAVITY
	Day 15	2020-06-16 12:06 (16)	137	77	63	14	37.1/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-06-29 13:15 (29)	134	89	77	15	36.8/ORAL CAVITY
	Day 29/ POST-DOSE	2020-06-29 15:09 (1)	132	82	78	15	36.8/ORAL CAVITY
	Day 36	2020-07-07 10:20 (9)	146	82	64	15	36.9/ORAL CAVITY
	Day 43	2020-07-14 10:40 (16)	118	78	60	14	36.9/ORAL CAVITY
	Day 57	2020-07-24 13:15 (26)	107	71	70	14	37.1/ORAL CAVITY
US2021133	Screening	2020-06-01 10:36 (-25)	142	84	60	14	36.8/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-26 11:10 (1)	136	82	68	16	36.9/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-26 13:25 (1)	142	76	64	15	36.4/ORAL CAVITY
	Day 8	2020-07-06 11:00 (11)	130	88	62	15	36.6/ORAL CAVITY
	Day 15	2020-07-13 11:10 (18)	110	70	64	16	36.7/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-29 12:03 (34)	125	75	62	15	37.1/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-29 13:49 (1)	130	78	76	16	36.8/ORAL CAVITY
	Day 36	2020-08-07 11:02 (10)	139	80	73	14	36.8/ORAL CAVITY
	Day 43	2020-08-13 11:25 (16)	136	79	66	16	36.7/ORAL CAVITY
	Day 57	2020-08-27 11:45 (30)	128	82	61	14	36.9/ORAL CAVITY
US2021190	Screening	2020-06-11 12:43 (-15)	103	70	63	14	36.9/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2021190	Day 1/ PRE-DOSE	2020-06-26 13:26 (1)	107	75	62	14	36.8/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-26 15:34 (1)	123	73	55	14	36.3/ORAL CAVITY
	Day 8	2020-07-06 11:35 (11)	102	67	62	15	37.1/ORAL CAVITY
	Day 15	2020-07-13 11:45 (18)	113	68	60	16	37.2/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-29 14:00 (34)	118	54	58	14	36.9/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-29 16:13 (1)	130	74	60	15	36.6/ORAL CAVITY
	Day 36	2020-08-06 13:34 (9)	124	76	57	15	36.9/ORAL CAVITY
	Day 43	2020-08-12 14:06 (15)	111	64	59	16	37.1/ORAL CAVITY
	Day 57	2020-08-25 14:12 (28)	114	77	60	14	37/ORAL CAVITY
US2021192	Screening	2020-06-12 08:30 (-14)	142	86	64	16	36.6/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-26 08:05 (1)	118	80	56	16	36.9/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-26 10:15 (1)	136	85	52	16	36.2/ORAL CAVITY
	Day 8	2020-07-06 08:25 (11)	125	86	68	15	37.1/ORAL CAVITY
	Day 15	2020-07-13 09:06 (18)	117	71	73	15	37.2/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-27 09:16 (32)	148	94	56	14	36.7/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-27 11:35 (1)	136	92	60	16	36.5/ORAL CAVITY
	Day 36	2020-08-03 07:42 (8)	127	75	74	14	36.7/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2021192	Day 43	2020-08-10 08:18 (15)	138	84	64	16	36.9/ORAL CAVITY
	Day 57	2020-08-21 08:36 (26)	148	89	68	15	37.1/ORAL CAVITY
US2021205	Screening	2020-06-17 18:53 (-9)	130	86	68	15	36.5/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-26 14:15 (1)	104	84	64	16	36.8/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-26 16:12 (1)	139	74	69	16	36.4/ORAL CAVITY
	Day 8	2020-07-06 10:32 (11)	136	92	75	15	36.6/ORAL CAVITY
	Day 15	2020-07-09 09:30 (14)	132	66	86	14	36.6/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-31 09:00 (36)	118	68	69	13	36.6/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-31 10:40 (1)	138	86	64	15	36.4/ORAL CAVITY
	Day 36	2020-08-07 13:10 (8)	110	86	72	18	36.4/ORAL CAVITY
	Day 43	2020-08-11 08:15 (12)	110	86	72	16	36.7/ORAL CAVITY
	Day 57	2020-08-25 08:38 (26)	139	86	81	14	36.6/ORAL CAVITY
US2021216	Screening	2020-06-19 08:25 (-13)	108	80	64	16	36.7/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-07-02 09:15 (1)	117	80	67	14	36.7/ORAL CAVITY
	Day 1/ POST-DOSE	2020-07-02 11:16 (1)	135	87	57	14	36.6/ORAL CAVITY
	Day 8	2020-07-10 08:56 (9)	134	83	59	16	36.6/ORAL CAVITY
	Day 15	2020-07-17 08:10 (16)	118	77	63	16	36.6/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2021216	Day 29/ PRE-DOSE	2020-08-03 13:16 (33)	112	72	66	16	37.1/ORAL CAVITY
	Day 29/ POST-DOSE	2020-08-03 15:15 (1)	130	80	62	15	36.6/ORAL CAVITY
	Day 36	2020-08-10 08:50 (8)	138	80	63	14	36.7/ORAL CAVITY
	Day 43	2020-08-14 08:02 (12)	143	86	66	16	36.4/ORAL CAVITY
	Day 57	2020-08-28 09:06 (26)	118	70	62	13	36.4/ORAL CAVITY
US2021217	Screening	2020-06-19 11:08 (-10)	113	81	79	15	37.1/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-29 11:21 (1)	131	86	87	15	36.8/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-29 13:31 (1)	130	80	81	16	36.7/ORAL CAVITY
	Day 8	2020-07-13 11:05 (15)	109	77	79	14	36.8/ORAL CAVITY
	Day 15	2020-07-16 11:21 (18)	134	75	75	18	36.9/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-29 12:28 (31)	120	83	76	14	36.9/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-29 14:21 (1)	114	80	76	15	36.8/ORAL CAVITY
	Day 36	2020-08-07 10:39 (10)	118	74	79	14	37.2/ORAL CAVITY
	Day 43	2020-08-11 11:43 (14)	110	83	79	16	37/ORAL CAVITY
	Day 57	2020-08-26 11:51 (29)	139	82	77	15	37.2/ORAL CAVITY
US2021220	Screening	2020-06-24 11:30 (-5)	138	80	72	14	36.4/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-29 11:15 (1)	118	78	72	16	36.7/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2021220	Day 1/ POST-DOSE	2020-06-29 13:17 (1)	138	82	64	16	36.6/ORAL CAVITY
	Day 8	2020-07-07 11:25 (9)	153	78	75	15	37/ORAL CAVITY
	Day 15	2020-07-15 11:18 (17)	130	78	72	16	36.6/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-29 11:51 (31)	144	88	71	16	37/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-29 15:21 (1)	136	82	64	15	36.7/ORAL CAVITY
	Day 36	2020-08-07 10:50 (10)	138	88	72	16	36.8/ORAL CAVITY
	Day 43	2020-08-12 11:05 (15)	144	81	69	15	36.5/ORAL CAVITY
	Day 57	2020-08-25 12:45 (28)	138	78	61	15	37.1/ORAL CAVITY
US2021226	Screening	2020-06-30 14:35 (-6)	109	64	66	14	36.5/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-07-06 13:10 (1)	104	66	60	16	36.6/ORAL CAVITY
	Day 1/ POST-DOSE	2020-07-06 15:26 (1)	138	69	56	16	36.4/ORAL CAVITY
	Day 8	2020-07-14 09:26 (9)	107	62	69	14	36.6/ORAL CAVITY
	Day 15	2020-07-23 09:45 (18)	106	67	61	14	36.7/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-08-04 09:37 (30)	110	61	61	14	36.7/ORAL CAVITY
	Day 29/ POST-DOSE	2020-08-04 11:25 (1)	130	68	64	16	36.6/ORAL CAVITY
	Unscheduled	2020-08-05 11:30 (2)	107	62	72	16	37.3/ORAL CAVITY
	Day 36	2020-08-14 15:48 (11)	117	64	66	15	36.7/ORAL CAVITY
	Day 43	2020-08-17 10:27 (14)	108	57	62	14	36.6/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2021226	Day 57	2020-09-03 14:46 (31)	125	73	66	13	36.7/ORAL CAVITY
US2031086	Screening	2020-06-08 09:38 (-18)	131	76	80	16	36.6/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-26 07:36 (1)	129	77	68	16	36.9/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-26 09:47 (1)	114	78	62	18	36.6/ORAL CAVITY
	Day 8	2020-07-06 08:05 (11)	120	82	83	16	36.7/ORAL CAVITY
	Day 15	2020-07-10 08:05 (15)	110	71	77	16	36.8/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-27 10:42 (32)	122	72	68	15	36.6/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-27 13:11 (1)	118	78	64	15	36.6/ORAL CAVITY
	Day 36	2020-08-03 10:07 (8)	113	70	78	15	36.7/ORAL CAVITY
	Day 43	2020-08-10 08:22 (15)	114	78	75	16	36.9/ORAL CAVITY
	Day 57	2020-08-24 08:01 (29)	140	84	66	16	36.6/ORAL CAVITY
US2031096	Screening	2020-06-09 10:30 (-17)	126	84	79	15	36.9/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-26 09:35 (1)	138	82	86	15	37.1/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-26 11:53 (1)	138	72	73	16	36.8/ORAL CAVITY
	Day 8	2020-07-06 09:52 (11)	123	80	82	15	37/ORAL CAVITY
	Day 15	2020-07-13 09:50 (18)	135	79	73	15	37/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-27 11:05 (32)	102	76	64	15	36.9/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2031096	Day 29/ POST-DOSE	2020-07-27 13:30 (1)	125	85	81	15	36.8/ORAL CAVITY
	Day 36	2020-08-03 10:35 (8)	133	85	67	16	37/ORAL CAVITY
	Day 43	2020-08-10 10:43 (15)	125	71	77	16	36.9/ORAL CAVITY
	Day 57	2020-08-24 08:55 (29)	134	87	70	16	37.1/ORAL CAVITY
US2031097	Screening	2020-06-09 10:58 (-21)	129	71	62	16	36.7/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-30 11:15 (1)	130	77	64	16	37.1/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-30 13:25 (1)	125	70	66	16	37/ORAL CAVITY
	Day 8	2020-07-07 15:05 (8)	137	76	74	15	37.2/ORAL CAVITY
	Day 15	2020-07-14 13:35 (15)	132	79	66	15	36.9/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-08-03 15:15 (35)	129	72	77	16	36.7/ORAL CAVITY
	Day 29/ POST-DOSE	2020-08-03 17:20 (1)	138	80	63	16	36.9/ORAL CAVITY
	Day 36	2020-08-10 10:57 (8)	124	74	65	14	36.7/ORAL CAVITY
	Day 43	2020-08-14 10:04 (12)	114	64	72	16	36.9/ORAL CAVITY
	Day 57	2020-09-02 09:11 (31)	122	62	69	15	36.7/ORAL CAVITY
US2031104	Screening	2020-06-10 08:36 (-16)	138	79	69	16	36.8/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-26 07:30 (1)	132	88	89	16	36.7/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-26 09:44 (1)	121	71	76	16	36.8/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2031104	Day 8	2020-07-06 08:05 (11)	119	79	83	16	36.7/ORAL CAVITY
	Day 15	2020-07-13 08:11 (18)	128	90	74	14	36.8/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-31 12:15 (36)	112	84	75	16	36.6/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-31 14:17 (1)	102	80	72	16	36.8/ORAL CAVITY
	Day 36	2020-08-07 08:00 (8)	119	89	84	14	36.7/ORAL CAVITY
	Day 43	2020-08-14 12:13 (15)	130	77	80	15	36.7/ORAL CAVITY
	Day 57	2020-08-25 08:31 (26)	124	86	71	16	36.9/ORAL CAVITY
US2031105	Screening	2020-06-10 10:45 (-16)	142	86	77	15	36.5/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-26 07:52 (1)	140	88	82	20	36.5/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-26 10:23 (1)	135	89	72	17	36.5/ORAL CAVITY
	Day 8	2020-07-06 08:07 (11)	130	86	83	14	36.6/ORAL CAVITY
	Day 15	2020-07-13 08:05 (18)	128	85	83	16	36.8/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-28 07:57 (33)	125	82	78	16	36.4/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-28 10:30 (1)	133	85	74	16	36.5/ORAL CAVITY
	Day 36	2020-08-04 08:05 (8)	137	83	74	16	36.4/ORAL CAVITY
	Day 43	2020-08-10 07:55 (14)	140	90	75	16	36.4/ORAL CAVITY
	Day 57	2020-08-24 07:47 (28)	137	81	83	16	36.8/ORAL CAVITY
US2031106	Screening	2020-06-10 13:37 (-16)	122	84	79	16	36.9/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2031106	Day 1/ PRE-DOSE	2020-06-26 11:49 (1)	125	80	68	16	36.8/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-26 13:55 (1)	109	77	66	17	37/ORAL CAVITY
	Day 8	2020-07-02 14:03 (7)	112	78	72	16	37.1/ORAL CAVITY
	Day 15	2020-07-10 08:07 (15)	110	61	62	15	36.6/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-29 16:10 (34)	97	76	75	15	36.6/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-29 18:17 (1)	100	75	73	16	36.6/ORAL CAVITY
	Day 36	2020-08-07 12:02 (10)	110	72	78	15	36.7/ORAL CAVITY
	Day 43	2020-08-11 12:03 (14)	118	72	60	14	36.7/ORAL CAVITY
	Day 57	2020-08-27 11:05 (30)	106	73	74	15	36.6/ORAL CAVITY
US2031107	Screening	2020-06-10 13:55 (-19)	127	72	67	17	36.7/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-29 07:38 (1)	127	71	67	16	36.7/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-29 09:44 (1)	140	81	65	16	36.7/ORAL CAVITY
	Day 8	2020-07-06 14:25 (8)	131	70	71	15	36.8/ORAL CAVITY
	Day 15	2020-07-13 09:03 (15)	112	72	83	16	36.8/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-27 11:51 (29)	121	71	61	16	36.7/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-27 13:45 (1)	139	81	57	15	36.8/ORAL CAVITY
	Day 36	2020-08-03 11:05 (8)	121	86	72	15	36.7/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2031107	Day 43	2020-08-10 10:06 (15)	118	82	75	16	36.8/ORAL CAVITY
	Day 57	2020-09-02 08:11 (38)	118	68	69	16	36.6/ORAL CAVITY
US2031108	Screening	2020-06-10 14:22 (-26)	130	80	89	17	36.9/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-07-06 13:05 (1)	135	85	80	15	36.8/ORAL CAVITY
	Day 1/ POST-DOSE	2020-07-06 15:15 (1)	123	86	70	15	36.7/ORAL CAVITY
	Day 8	2020-07-13 08:03 (8)	118	83	75	16	36.8/ORAL CAVITY
	Day 15	2020-07-23 15:12 (18)	114	76	76	15	37/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-08-03 09:05 (29)	135	79	69	15	36.8/ORAL CAVITY
	Day 29/ POST-DOSE	2020-08-03 11:45 (1)	138	74	60	15	36.9/ORAL CAVITY
	Day 36	2020-08-13 07:48 (11)	131	85	76	16	37.2/ORAL CAVITY
	Day 43	2020-08-20 08:10 (18)	120	79	70	16	36.9/ORAL CAVITY
	Day 57	2020-08-28 07:59 (26)	127	81	75	15	37.1/ORAL CAVITY
US2031109	Screening	2020-06-10 14:34 (-16)	110	72	68	16	37/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-26 11:55 (1)	98	83	89	14	37/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-26 14:45 (1)	117	78	75	14	36.7/ORAL CAVITY
	Day 8	2020-07-06 09:09 (11)	108	69	75	16	36.9/ORAL CAVITY
	Day 15	2020-07-13 10:09 (18)	116	84	75	16	36.9/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2031109	Day 29/ PRE-DOSE	2020-07-27 09:53 (32)	102	70	63	14	36.7/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-27 12:22 (1)	102	60	63	16	36.5/ORAL CAVITY
	Day 36	2020-08-03 09:42 (8)	114	77	66	15	36.8/ORAL CAVITY
	Day 43	2020-08-11 14:10 (16)	105	77	74	16	36.4/ORAL CAVITY
	Day 57	2020-08-24 08:53 (29)	119	80	68	15	36.9/ORAL CAVITY
US2031114	Screening	2020-06-11 07:56 (-20)	113	78	59	17	36.6/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-07-01 12:39 (1)	101	66	74	15	36.5/ORAL CAVITY
	Day 1/ POST-DOSE	2020-07-01 14:48 (1)	97	69	67	15	36.5/ORAL CAVITY
	Day 8	2020-07-09 08:00 (9)	121	78	57	16	36.6/ORAL CAVITY
	Day 15	2020-07-16 07:59 (16)	123	84	60	16	36.6/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-29 08:10 (29)	112	73	68	16	37/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-29 10:30 (1)	134	78	73	16	37.1/ORAL CAVITY
	Day 36	2020-08-07 08:37 (10)	110	71	58	16	36.4/ORAL CAVITY
	Day 43	2020-08-13 08:10 (16)	116	81	53	15	36.1/ORAL CAVITY
	Day 57	2020-08-27 07:58 (30)	112	76	50	16	36.4/ORAL CAVITY
US2031121	Screening	2020-06-12 13:29 (-18)	129	74	72	17	37/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-30 13:00 (1)	119	74	69	15	36.9/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2031121	Day 1/ POST-DOSE	2020-06-30 15:04 (1)	116	73	56	16	36.9/ORAL CAVITY
	Day 8	2020-07-07 14:05 (8)	114	71	59	17	36.7/ORAL CAVITY
	Day 15	2020-07-15 14:05 (16)	115	70	69	15	36.6/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-28 13:13 (29)	126	71	61	16	36.7/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-28 15:11 (1)	117	76	68	16	36.7/ORAL CAVITY
	Day 36	2020-08-04 13:11 (8)	109	61	62	15	36.8/ORAL CAVITY
	Day 43	2020-08-10 11:59 (14)	108	69	68	14	36.6/ORAL CAVITY
	Day 57	2020-08-24 13:13 (28)	106	65	69	14	36.8/ORAL CAVITY
US2031128	Screening	2020-06-23 13:09 (-8)	123	81	73	16	36.7/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-07-01 13:06 (1)	123	72	82	15	37.1/ORAL CAVITY
	Day 1/ POST-DOSE	2020-07-01 15:40 (1)	121	73	71	15	36.4/ORAL CAVITY
	Day 8	2020-07-08 13:55 (8)	120	73	72	16	36.8/ORAL CAVITY
	Day 15	2020-07-15 13:28 (15)	120	75	73	15	36.8/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-29 12:28 (29)	117	79	77	16	37/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-29 14:45 (1)	123	77	69	16	36.6/ORAL CAVITY
	Day 36	2020-08-05 14:09 (8)	112	75	82	14	37/ORAL CAVITY
	Day 43	2020-08-12 13:46 (15)	112	68	80	15	36.5/ORAL CAVITY
	Day 57	2020-08-26 12:50 (29)	125	87	73	15	36.8/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2041094	Screening	2020-06-08 14:49 (-18)	131	89	86	12	36.8/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-26 12:12 (1)	128	80	76	14	37.1/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-26 14:38 (1)	126	68	72	15	36/ORAL CAVITY
	Day 8	2020-07-06 12:06 (11)	124	75	74	14	36.6/ORAL CAVITY
	Day 15	2020-07-10 11:18 (15)	99	83	86	16	36.9/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-24 13:26 (29)	118	77	69	14	36.9/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-24 15:20 (1)	126	83	69	14	36.5/ORAL CAVITY
	Day 36	2020-07-31 13:20 (8)	113	77	74	14	37/ORAL CAVITY
	Day 43	2020-08-11 15:36 (19)	118	77	63	12	36.8/ORAL CAVITY
	Day 57	2020-08-20 13:23 (28)	111	70	89	16	36.9/ORAL CAVITY
US2041100	Screening	2020-06-10 07:38 (-19)	125	81	57	12	37.1/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-29 07:20 (1)	116	73	66	12	37.2/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-29 09:26 (1)	133	78	58	12	37/ORAL CAVITY
	Day 8	2020-07-09 08:02 (11)	127	74	57	14	36.6/ORAL CAVITY
	Day 15	2020-07-14 07:14 (16)	119	67	57	14	36.6/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-28 07:20 (30)	123	76	59	12	36.7/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-28 09:10 (1)	112	60	68	14	36.9/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2041100	Day 36	2020-08-04 08:38 (8)	117	72	64	16	37/ORAL CAVITY
	Day 43	2020-08-11 07:00 (15)	116	73	60	12	36.6/ORAL CAVITY
	Day 57	2020-08-25 07:00 (29)	111	67	65	12	36.6/ORAL CAVITY
US2041103	Screening	2020-06-10 10:29 (-16)	112	61	62	14	36.6/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-26 10:05 (1)	100	53	61	14	36.9/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-26 12:55 (1)	117	72	57	15	36.7/ORAL CAVITY
	Day 8	2020-07-06 09:00 (11)	113	68	64	14	36.8/ORAL CAVITY
	Day 15	2020-07-10 09:02 (15)	102	66	59	16	36.6/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-24 10:27 (29)	121	63	61	14	37.1/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-24 12:55 (1)	122	77	59	14	36.5/ORAL CAVITY
	Day 36	2020-07-31 12:54 (8)	105	59	66	14	36.9/ORAL CAVITY
	Day 43	2020-08-04 09:04 (12)	103	57	60	14	36.6/ORAL CAVITY
	Day 57	2020-08-18 09:14 (26)	106	50	61	14	37.2/ORAL CAVITY
US2041104	Screening	2020-06-10 10:32 (-16)	148	71	56	12	36.8/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-26 10:15 (1)	93	61	67	12	36.6/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-26 12:50 (1)	131	80	59	13	36.5/ORAL CAVITY
	Day 8	2020-07-06 08:55 (11)	104	52	71	12	37.1/ORAL CAVITY
	Day 15	2020-07-10 09:08 (15)	128	60	61	16	36.8/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2041104	Day 29/ PRE-DOSE	2020-07-24 10:30 (29)	125	71	75	14	37.1/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-24 13:15 (1)	134	72	60	14	36.6/ORAL CAVITY
	Day 36	2020-07-31 12:55 (8)	100	55	82	12	36.9/ORAL CAVITY
	Day 43	2020-08-04 09:03 (12)	106	59	74	14	36.7/ORAL CAVITY
	Day 57	2020-08-18 09:32 (26)	103	61	70	14	36.7/ORAL CAVITY
US2041106	Screening	2020-06-11 08:38 (-15)	130	70	60	12	37.2/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-26 14:53 (1)	124	64	64	14	36.9/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-26 17:05 (1)	130	72	60	14	37.1/ORAL CAVITY
	Day 8	2020-07-06 11:47 (11)	131	75	62	14	36.9/ORAL CAVITY
	Day 15	2020-07-13 08:04 (18)	125	70	66	16	36.7/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-28 10:46 (33)	135	71	57	14	37/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-28 12:23 (1)	130	70	50	14	36.9/ORAL CAVITY
	Day 36	2020-08-04 10:32 (8)	150	76	61	14	36.4/ORAL CAVITY
	Day 43	2020-08-11 08:08 (15)	134	67	61	12	37.1/ORAL CAVITY
	Day 57	2020-08-25 10:37 (29)	131	66	55	12	36.6/ORAL CAVITY
US2041109	Screening	2020-06-11 09:31 (-15)	135	86	75	12	36.9/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-26 09:49 (1)	136	71	67	12	36.8/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2041109	Day 1/ POST-DOSE	2020-06-26 12:10 (1)	141	79	68	14	36.5/ORAL CAVITY
	Day 8	2020-07-06 08:30 (11)	140	65	74	12	36.6/ORAL CAVITY
	Day 15	2020-07-13 08:26 (18)	132	82	72	12	36.7/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-27 11:05 (32)	115	87	75	14	36.8/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-27 12:49 (1)	122	67	68	14	36.7/ORAL CAVITY
	Day 36	2020-08-03 08:27 (8)	129	68	68	14	37.2/ORAL CAVITY
	Day 43	2020-08-10 08:42 (15)	129	75	72	14	36.4/ORAL CAVITY
	Day 57	2020-08-21 10:11 (26)	129	80	76	14	36.8/ORAL CAVITY
US2041111	Screening	2020-06-11 10:10 (-18)	121	76	59	16	36.5/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-29 11:22 (1)	124	70	76	15	37.1/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-29 13:21 (1)	118	60	70	15	36.7/ORAL CAVITY
	Day 8	2020-07-07 10:57 (9)	124	80	67	15	36.7/ORAL CAVITY
	Day 15	2020-07-10 11:15 (12)	132	80	87	16	36.8/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-27 13:30 (29)	121	78	87	14	37/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-27 15:33 (1)	122	78	76	14	36.4/ORAL CAVITY
	Day 36	2020-08-06 13:05 (11)	134	86	83	14	36.6/ORAL CAVITY
	Day 43	2020-08-12 14:41 (17)	124	77	89	12	36.6/ORAL CAVITY
	Day 57	2020-08-27 11:00 (32)	120	80	76	14	37.2/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2041113	Screening	2020-06-11 11:27 (-19)	118	78	67	14	36.7/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-30 09:35 (1)	109	74	64	14	37.2/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-30 11:38 (1)	122	81	63	14	37.1/ORAL CAVITY
	Day 8	2020-07-07 09:03 (8)	108	70	61	14	36.7/ORAL CAVITY
	Day 15	2020-07-14 09:03 (15)	105	68	62	14	36.6/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-28 13:20 (29)	119	75	62	14	37.1/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-28 15:24 (1)	121	79	54	14	36.4/ORAL CAVITY
	Day 36	2020-08-06 15:25 (10)	128	78	70	12	36.2/ORAL CAVITY
	Day 43	2020-08-13 16:28 (17)	115	79	60	12	36.9/ORAL CAVITY
	Day 57	2020-08-25 14:35 (29)	114	76	73	14	36.6/ORAL CAVITY
US2041118	Screening	2020-06-11 14:41 (-18)	126	78	63	14	36.8/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-29 15:47 (1)	148	88	63	14	36.7/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-29 17:45 (1)	145	90	65	14	37.1/ORAL CAVITY
	Day 8	2020-07-09 15:42 (11)	129	70	71	14	36.6/ORAL CAVITY
	Day 15	2020-07-15 15:36 (17)	144	80	60	16	36.5/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-28 13:11 (30)	126	78	60	14	36.4/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-28 14:57 (1)	122	78	58	12	36.8/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2041118	Day 36	2020-08-05 15:46 (9)	137	87	69	14	36.6/ORAL CAVITY
	Day 43	2020-08-10 15:50 (14)	122	70	65	14	37/ORAL CAVITY
	Day 57	2020-08-24 15:29 (28)	118	82	61	16	36.7/ORAL CAVITY
US2041119	Screening	2020-06-11 15:40 (-25)	140	78	63	12	36.9/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-07-06 13:07 (1)	154	76	64	12	36.6/ORAL CAVITY
	Day 1/ POST-DOSE	2020-07-06 14:49 (1)	148	76	56	12	36.7/ORAL CAVITY
	Day 8	2020-07-13 09:06 (8)	144	82	67	16	36.6/ORAL CAVITY
	Day 15	2020-07-21 09:06 (16)	140	76	66	14	36.6/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-08-04 09:32 (30)	159	88	54	14	36.5/ORAL CAVITY
	Day 29/ POST-DOSE	2020-08-04 11:06 (1)	124	82	66	14	36.7/ORAL CAVITY
	Day 36	2020-08-11 10:13 (8)	141	79	63	14	37.1/ORAL CAVITY
	Day 43	2020-08-18 09:50 (15)	144	82	68	14	36.7/ORAL CAVITY
	Day 57	2020-09-01 09:11 (29)	138	82	60	12	36.4/ORAL CAVITY
US2041127	Screening	2020-06-12 11:30 (-14)	132	70	83	14	37.2/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-26 10:59 (1)	137	74	74	14	36.7/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-26 13:20 (1)	138	87	67	14	36.6/ORAL CAVITY
	Day 8	2020-07-06 14:43 (11)	124	78	85	14	37.2/ORAL CAVITY
	Day 15	2020-07-10 11:01 (15)	133	79	76	14	37.1/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2041127	Day 29/ PRE-DOSE	2020-07-24 11:45 (29)	122	82	89	14	36.9/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-24 13:30 (1)	125	75	72	14	36.8/ORAL CAVITY
	Day 36	2020-08-03 11:06 (11)	136	79	83	14	36.9/ORAL CAVITY
	Day 43	2020-08-07 11:22 (15)	118	70	65	12	36.8/ORAL CAVITY
	Day 57	2020-08-24 11:42 (32)	127	68	74	14	36.9/ORAL CAVITY
US2041130	Screening	2020-06-15 08:45 (-11)	114	79	67	14	37.1/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-26 14:27 (1)	129	85	65	14	36.9/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-26 16:15 (1)	112	62	65	14	36.1/ORAL CAVITY
	Day 8	2020-07-06 11:17 (11)	120	67	74	12	36.7/ORAL CAVITY
	Day 15	2020-07-07 11:20 (12)	108	78	66	16	36.7/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-24 09:20 (29)	113	70	67	16	36.7/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-24 12:25 (1)	120	72	68	16	36.6/ORAL CAVITY
	Day 36	2020-07-31 12:22 (8)	126	69	72	14	37/ORAL CAVITY
	Day 43	2020-08-07 12:02 (15)	145	82	67	16	37.1/ORAL CAVITY
	Day 57	2020-08-18 11:06 (26)	118	67	80	14	37.1/ORAL CAVITY
US2041139	Screening	2020-06-16 10:00 (-13)	138	80	69	14	36.7/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-29 13:37 (1)	131	90	74	14	36.8/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2041139	Day 1/ POST-DOSE	2020-06-29 15:18 (1)	124	81	62	14	36.6/ORAL CAVITY
	Day 8	2020-07-07 10:47 (9)	117	77	75	14	36.7/ORAL CAVITY
	Day 15	2020-07-14 09:50 (16)	130	78	63	16	36.6/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-28 10:34 (30)	126	80	70	14	37.2/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-28 12:46 (1)	127	84	60	14	36.7/ORAL CAVITY
	Day 36	2020-08-04 09:02 (8)	125	86	71	14	36.7/ORAL CAVITY
	Day 43	2020-08-11 08:58 (15)	124	82	70	14	36.5/ORAL CAVITY
	Day 57	2020-08-25 17:07 (29)	118	82	70	12	37/ORAL CAVITY
US2041145	Screening	2020-06-17 08:38 (-15)	122	78	60	12	36.7/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-07-02 15:20 (1)	122	78	69	12	36.8/ORAL CAVITY
	Day 1/ POST-DOSE	2020-07-02 17:50 (1)	132	80	70	16	36.5/ORAL CAVITY
	Day 8	2020-07-09 08:06 (8)	105	66	68	14	37/ORAL CAVITY
	Day 15	2020-07-15 08:40 (14)	132	80	71	14	37/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-31 08:20 (30)	127	77	64	14	37.2/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-31 10:23 (1)	132	88	53	14	36.7/ORAL CAVITY
	Day 36	2020-08-07 08:15 (8)	114	63	73	12	36.8/ORAL CAVITY
	Day 43	2020-08-13 08:37 (14)	121	69	60	12	36.7/ORAL CAVITY
	Day 57	2020-08-28 08:15 (29)	116	69	58	12	36.6/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2041150	Screening	2020-06-18 10:15 (-13)	127	72	59	14	36.8/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-07-01 10:10 (1)	131	80	66	14	36.6/ORAL CAVITY
	Day 1/ POST-DOSE	2020-07-01 12:20 (1)	128	72	70	14	36.1/ORAL CAVITY
	Day 8	2020-07-08 09:15 (8)	136	74	63	12	36.7/ORAL CAVITY
	Day 15	2020-07-15 09:04 (15)	133	88	69	14	36.6/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-08-03 08:58 (34)	134	77	64	14	36.4/ORAL CAVITY
	Day 29/ POST-DOSE	2020-08-03 11:05 (1)	124	78	66	14	36.6/ORAL CAVITY
	Day 36	2020-08-13 08:55 (11)	120	78	68	12	36.7/ORAL CAVITY
	Day 43	2020-08-20 11:01 (18)	132	76	74	16	36.8/ORAL CAVITY
	Day 57	2020-09-02 11:10 (31)	127	69	65	14	37.3/ORAL CAVITY
US2041155	Screening	2020-06-29 13:59 (-7)	127	82	76	14	37.1/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-07-06 14:18 (1)	120	75	81	14	36.9/ORAL CAVITY
	Day 1/ POST-DOSE	2020-07-06 16:33 (1)	137	80	75	14	37.2/ORAL CAVITY
	Day 8	2020-07-13 13:10 (8)	118	82	69	14	36.6/ORAL CAVITY
	Day 15	2020-07-21 13:25 (16)	132	85	67	14	36.8/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-08-03 13:25 (29)	117	76	72	14	37.2/ORAL CAVITY
	Day 29/ POST-DOSE	2020-08-03 15:17 (1)	118	84	65	14	36.9/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2041155	Day 36	2020-08-10 13:15 (8)	119	80	69	14	36.6/ORAL CAVITY
	Day 43	2020-08-17 13:07 (15)	117	78	74	12	36.9/ORAL CAVITY
	Day 57	2020-08-31 13:35 (29)	132	81	67	14	36.7/ORAL CAVITY
US2051057	Screening	2020-06-15 10:44 (-11)	130	81	68	16	37.1/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-26 08:32 (1)	126	79	76	14	37/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-26 10:42 (1)	123	77	68	15	36.8/ORAL CAVITY
	Day 8	2020-07-06 08:16 (11)	112	73	62	15	36.8/ORAL CAVITY
	Day 15	2020-07-10 12:04 (15)	132	88	73	14	37/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-24 08:15 (29)	134	80	65	14	36.9/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-24 10:03 (1)	145	78	63	15	36.8/ORAL CAVITY
	Day 36	2020-07-31 11:01 (8)	136	80	71	12	37.1/ORAL CAVITY
	Day 43	2020-08-07 10:35 (15)	130	78	68	12	36.8/ORAL CAVITY
	Day 57	2020-08-24 09:00 (32)	110	56	69	16	36.9/ORAL CAVITY
US2051059	Screening	2020-06-15 14:50 (-11)	139	82	67	16	36.5/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-26 13:48 (1)	143	84	65	15	35.9/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-26 15:33 (1)	139	89	63	16	36.6/ORAL CAVITY
	Day 8	2020-07-06 14:59 (11)	134	75	69	14	36.5/ORAL CAVITY
	Day 15	2020-07-10 14:11 (15)	125	85	69	16	37.2/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2051059	Day 29/ PRE-DOSE	2020-07-27 12:37 (32)	144	85	68	15	36.3/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-27 14:33 (1)	150	89	58	15	36.6/ORAL CAVITY
	Day 36	2020-08-03 14:43 (8)	151	82	65	15	37.4/ORAL CAVITY
	Day 43	2020-08-10 14:48 (15)	131	87	74	15	36.8/ORAL CAVITY
	Day 57	2020-08-18 15:03 (23)	124	77	66	16	36.7/ORAL CAVITY
US2051060	Screening	2020-06-16 08:52 (-10)	119	65	66	15	36.2/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-26 09:16 (1)	124	61	64	14	36.4/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-26 11:16 (1)	113	60	60	16	36/ORAL CAVITY
	Day 8	2020-07-06 13:15 (11)	110	77	77	16	36.8/ORAL CAVITY
	Day 15	2020-07-13 13:08 (18)	126	75	101	16	37.3/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-28 09:11 (33)	133	83	73	14	36.6/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-28 11:18 (1)	140	69	67	16	36.4/ORAL CAVITY
	Day 36	2020-08-03 09:45 (7)	130	65	68	14	36.5/ORAL CAVITY
	Day 43	2020-08-10 12:33 (14)	120	90	71	16	36/ORAL CAVITY
	Day 57	2020-08-24 12:51 (28)	120	79	78	14	36.1/ORAL CAVITY
US2051066	Screening	2020-06-17 11:55 (-12)	141	96	56	16	36.8/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-29 08:57 (1)	114	78	62	14	36.1/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2051066	Day 1/ POST-DOSE	2020-06-29 11:28 (1)	110	72	56	12	35.7/ORAL CAVITY
	Day 8	2020-07-07 11:10 (9)	121	87	62	17	36.4/ORAL CAVITY
	Day 15	2020-07-10 08:13 (12)	129	82	66	15	36.5/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-27 09:18 (29)	121	92	63	12	36.3/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-27 11:20 (1)	141	93	56	16	36.1/ORAL CAVITY
	Day 36	2020-08-03 09:28 (8)	128	90	65	12	37.2/ORAL CAVITY
	Day 43	2020-08-07 09:10 (12)	134	84	71	16	35.9/ORAL CAVITY
	Day 57	2020-08-21 09:15 (26)	124	81	55	15	36.5/ORAL CAVITY
US2051068	Screening	2020-06-17 14:41 (-13)	160	77	59	12	36.3/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-30 12:15 (1)	147	87	60	16	36.7/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-30 14:48 (1)	150	87	51	16	36.4/ORAL CAVITY
	Day 8	2020-07-07 12:13 (8)	153	79	69	12	36.7/ORAL CAVITY
	Day 15	2020-07-14 11:58 (15)	141	75	66	16	36.7/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-28 12:15 (29)	143	83	69	15	37.1/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-28 14:08 (1)	127	73	50	14	36.7/ORAL CAVITY
	Day 36	2020-08-04 12:30 (8)	136	72	61	15	36.7/ORAL CAVITY
	Day 43	2020-08-11 10:00 (15)	140	72	62	15	36.5/ORAL CAVITY
	Day 57	2020-08-25 11:40 (29)	140	89	71	16	37.4/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2051071	Screening	2020-06-18 15:00 (-11)	115	78	73	12	36.7/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-29 12:34 (1)	128	69	79	12	36.7/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-29 14:33 (1)	137	84	66	15	36/ORAL CAVITY
	Day 8	2020-07-07 12:15 (9)	129	70	80	16	37.1/ORAL CAVITY
	Day 15	2020-07-14 12:25 (16)	134	87	64	14	36.2/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-27 13:25 (29)	131	68	74	16	37.4/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-27 15:40 (1)	132	78	67	14	36.4/ORAL CAVITY
	Day 36	2020-08-03 13:18 (8)	127	83	72	14	36.7/ORAL CAVITY
	Day 43	2020-08-11 14:20 (16)	120	71	86	16	36.8/ORAL CAVITY
	Day 57	2020-08-24 13:48 (29)	146	88	74	14	
US2051078	Screening	2020-06-22 08:56 (-8)	116	73	56	12	36.6/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-30 14:18 (1)	104	77	62	16	36.7/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-30 16:23 (1)	114	77	50	16	36.5/ORAL CAVITY
	Day 8	2020-07-07 12:57 (8)	119	73	71	14	37.5/ORAL CAVITY
	Day 15	2020-07-16 08:08 (17)	112	69	58	16	36.1/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-29 08:12 (30)	106	74	53	12	36.5/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-29 10:20 (1)	114	76	52	15	36/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2051078	Day 36	2020-08-05 08:08 (8)	108	70	55	16	36.2/ORAL CAVITY
	Day 43	2020-08-12 07:55 (15)	118	70	58	14	36/ORAL CAVITY
	Day 57	2020-08-24 08:16 (27)	107	77	56	16	36.7/ORAL CAVITY
US2051081	Screening	2020-06-23 11:17 (-6)	131	68	58	12	36.5/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-29 11:27 (1)	117	88	88	15	36.6/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-29 13:49 (1)	97	51	68	15	36.8/ORAL CAVITY
	Day 8	2020-07-07 14:00 (9)	95	79	59	12	37.3/ORAL CAVITY
	Day 15	2020-07-13 09:15 (15)	110	73	72	14	36.5/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-27 09:13 (29)	111	59	58	12	36.3/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-27 11:13 (1)	103	65	54	12	36.3/ORAL CAVITY
	Day 36	2020-08-03 09:15 (8)	130	71	64	15	36.6/ORAL CAVITY
	Day 43	2020-08-10 09:33 (15)	129	59	71	15	36.8/ORAL CAVITY
	Day 57	2020-08-24 09:45 (29)	111	67	64	12	36.1/ORAL CAVITY
US2051092	Screening	2020-06-26 12:06 (-11)	146	66	60	16	36.3/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-07-07 11:11 (1)	118	59	76	14	36.9/ORAL CAVITY
	Day 1/ POST-DOSE	2020-07-07 13:20 (1)	146	84	62	16	36.7/ORAL CAVITY
	Day 8	2020-07-15 11:27 (9)	108	75	67	14	36.1/ORAL CAVITY
	Day 15	2020-07-21 11:17 (15)	106	67	74	12	36.5/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2051092	Day 29/ PRE-DOSE	2020-08-06 09:18 (31)	118	69	62	14	36.7/ORAL CAVITY
	Day 29/ POST-DOSE	2020-08-06 11:22 (1)	139	83	58	14	36.8/ORAL CAVITY
	Day 36	2020-08-13 09:15 (8)	129	81	76	12	36.6/ORAL CAVITY
	Day 43	2020-08-18 09:15 (13)	140	85	60	15	36.2/ORAL CAVITY
	Day 57	2020-09-03 09:13 (29)	136	82	65	15	36.7/ORAL CAVITY
US2051093	Screening	2020-06-26 13:56 (-10)	115	78	80	16	36.7/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-07-06 08:46 (1)	125	73	85	15	36.4/ORAL CAVITY
	Day 1/ POST-DOSE	2020-07-06 10:59 (1)	111	78	78	15	36.6/ORAL CAVITY
	Day 8	2020-07-14 08:16 (9)	117	62	80	16	37/ORAL CAVITY
	Day 15	2020-07-21 08:15 (16)	103	71	86	16	37.1/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-08-04 09:54 (30)	108	75	99	14	36.7/ORAL CAVITY
	Day 29/ POST-DOSE	2020-08-04 12:02 (1)	124	80	80	14	36.5/ORAL CAVITY
	Day 36	2020-08-17 11:35 (14)	105	84	90	12	37.3/ORAL CAVITY
	Day 43	2020-08-20 14:52 (17)	108	75	76	12	36.1/ORAL CAVITY
	Day 57	2020-09-01 09:15 (29)	100	69	86	12	36.5/ORAL CAVITY
US2051094	Screening	2020-06-29 10:05 (-8)	131	75	74	16	37/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-07-07 10:48 (1)	114	68	62	14	37/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2051094	Day 1/ POST-DOSE	2020-07-07 12:44 (1)	137	77	58	16	36.3/ORAL CAVITY
	Day 8	2020-07-16 10:45 (10)	111	73	62	12	36.4/ORAL CAVITY
	Day 15	2020-07-22 10:48 (16)	125	66	65	12	36.3/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-08-04 10:47 (29)	112	74	66	14	36.6/ORAL CAVITY
	Day 29/ POST-DOSE	2020-08-04 15:53 (1)	125	75	59	14	35.8/ORAL CAVITY
	Day 36	2020-08-11 10:44 (8)	124	86	64	12	36.3/ORAL CAVITY
	Day 43	2020-08-18 10:48 (15)	169	78	60	12	36/ORAL CAVITY
	Day 57	2020-09-02 09:45 (30)	144	72	70	14	35.9/ORAL CAVITY
US2051095	Screening	2020-06-29 12:08 (-3)	124	68	82	16	36.6/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-07-02 10:17 (1)	110	74	77	16	36.7/ORAL CAVITY
	Day 1/ POST-DOSE	2020-07-02 13:20 (1)	130	82	66	16	36.4/ORAL CAVITY
	Day 8	2020-07-09 10:45 (8)	106	75	78	16	36.7/ORAL CAVITY
	Day 15	2020-07-17 11:08 (16)	106	84	80	14	36.8/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-30 11:34 (29)	119	79	80	12	37.1/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-30 13:30 (1)	128	81	78	15	37.1/ORAL CAVITY
	Day 36	2020-08-07 09:11 (9)	121	80	79	14	36.9/ORAL CAVITY
	Day 43	2020-08-12 09:05 (14)	106	75	93	15	36.7/ORAL CAVITY
	Day 57	2020-08-26 09:10 (28)	118	74	94	15	37.4/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2051096	Screening	2020-06-29 13:48 (-7)	114	76	69	15	36.6/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-07-06 09:16 (1)	109	74	64	12	36.9/ORAL CAVITY
	Day 1/ POST-DOSE	2020-07-06 11:17 (1)	101	68	62	12	36.5/ORAL CAVITY
	Day 8	2020-07-13 09:03 (8)	102	72	66	13	36.5/ORAL CAVITY
	Day 15	2020-07-20 09:01 (15)	107	76	70	12	36.5/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-08-03 08:53 (29)	117	76	65	20	36.8/ORAL CAVITY
	Day 29/ POST-DOSE	2020-08-03 11:14 (1)	103	67	62	16	37/ORAL CAVITY
	Day 36	2020-08-10 09:08 (8)	92	62	74	14	37.2/ORAL CAVITY
	Day 43	2020-08-17 08:57 (15)	101	70	70	15	36.7/ORAL CAVITY
	Day 57	2020-08-31 09:35 (29)	117	79	75	16	36.8/ORAL CAVITY
US2051099	Screening	2020-06-29 15:11 (-7)	126	77	56	16	36.4/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-07-06 12:08 (1)	130	67	50	14	36.7/ORAL CAVITY
	Day 1/ POST-DOSE	2020-07-06 14:12 (1)	128	82	50	12	35.7/ORAL CAVITY
	Day 8	2020-07-14 11:04 (9)	117	76	63	16	36.8/ORAL CAVITY
	Day 15	2020-07-21 12:00 (16)	131	79	53	15	36.4/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-08-03 10:12 (29)	130	71	54	15	36.3/ORAL CAVITY
	Day 29/ POST-DOSE	2020-08-03 12:27 (1)	132	81	55	15	36.5/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2051099	Day 36	2020-08-10 10:15 (8)	118	70	56	16	36.2/ORAL CAVITY
	Day 43	2020-08-17 11:55 (15)	106	69	59	12	36.2/ORAL CAVITY
	Day 57	2020-09-02 10:06 (31)	124	83	62	12	36.2/ORAL CAVITY
US2051100	Screening	2020-06-29 15:07 (-3)	116	73	82	12	37.5/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-07-02 10:35 (1)	122	70	74	15	36.7/ORAL CAVITY
	Day 1/ POST-DOSE	2020-07-02 12:49 (1)	133	68	58	15	36.7/ORAL CAVITY
	Day 8	2020-07-09 14:57 (8)	130	72	84	15	37/ORAL CAVITY
	Day 15	2020-07-15 09:02 (14)	115	70	80	14	37/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-08-04 11:15 (34)	117	65	75	15	36.6/ORAL CAVITY
	Day 29/ POST-DOSE	2020-08-04 13:37 (1)	133	69	64	15	36.6/ORAL CAVITY
	Day 36	2020-08-11 13:07 (8)	123	64	68	15	36.8/ORAL CAVITY
	Day 43	2020-08-18 12:00 (15)	123	82	68	14	36.6/ORAL CAVITY
	Day 57	2020-09-08 09:08 (36)	117	74	75	15	37.1/ORAL CAVITY
US2051103	Screening	2020-06-30 12:30 (-2)	108	71	65	16	36.7/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-07-02 14:48 (1)	111	74	65	16	36.8/ORAL CAVITY
	Day 1/ POST-DOSE	2020-07-02 16:50 (1)	102	73	70	12	36.7/ORAL CAVITY
	Day 8	2020-07-10 08:45 (9)	104	65	61	15	36.6/ORAL CAVITY
	Day 15	2020-07-16 08:42 (15)	107	62	53	14	36.8/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2051103	Day 29/ PRE-DOSE	2020-07-30 08:10 (29)	92	60	65	15	36.5/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-30 10:09 (1)	100	66	55	15	36.2/ORAL CAVITY
	Day 36	2020-08-06 08:19 (8)	119	76	64	14	36.3/ORAL CAVITY
	Day 43	2020-08-14 09:09 (16)	99	65	62	15	36.3/ORAL CAVITY
	Day 57	2020-08-27 09:10 (29)	106	70	72	15	36.5/ORAL CAVITY
US2051105	Screening	2020-06-30 12:35 (-2)	141	79	72	15	36.6/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-07-02 13:20 (1)	130	77	83	16	36.9/ORAL CAVITY
	Day 1/ POST-DOSE	2020-07-02 15:53 (1)	149	77	54	16	36.3/ORAL CAVITY
	Day 8	2020-07-09 13:22 (8)	132	94	76	14	37.1/ORAL CAVITY
	Day 15	2020-07-15 13:05 (14)	134	84	71	16	37/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-31 09:27 (30)	119	75	78	15	37/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-31 11:34 (1)	122	77	57	16	36.9/ORAL CAVITY
	Day 36	2020-08-07 12:43 (8)	140	82	73	15	36.7/ORAL CAVITY
	Day 43	2020-08-14 08:13 (15)	131	75	69	14	36.6/ORAL CAVITY
	Day 57	2020-08-27 14:40 (28)	143	91	71	16	36.6/ORAL CAVITY
US2051107	Screening	2020-06-30 14:43 (-2)	143	95	59	16	36.2/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-07-02 13:21 (1)	125	86	60	16	36.7/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2051107	Day 1/ POST-DOSE	2020-07-02 15:55 (1)	138	84	56	16	36.5/ORAL CAVITY
	Day 8	2020-07-10 11:09 (9)	128	81	59	16	36.6/ORAL CAVITY
	Day 15	2020-07-17 10:08 (16)	132	79	58	16	36.3/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-31 09:21 (30)	136	86	57	12	36.7/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-31 11:31 (1)	122	84	86	14	36.4/ORAL CAVITY
	Day 36	2020-08-06 11:40 (7)	115	70	59	14	36.5/ORAL CAVITY
	Day 43	2020-08-14 09:11 (15)	150	76	51	16	36.1/ORAL CAVITY
	Day 57	2020-08-28 08:15 (29)	132	87	54	14	36.4/ORAL CAVITY
US2051109	Screening	2020-06-30 15:45 (-6)	100	66	81	15	36/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-07-06 14:38 (1)	103	66	84	15	37.1/ORAL CAVITY
	Day 1/ POST-DOSE	2020-07-06 16:29 (1)	111	69	72	15	36.7/ORAL CAVITY
	Day 8	2020-07-13 15:53 (8)	104	62	90	16	37/ORAL CAVITY
	Day 15	2020-07-21 15:24 (16)	113	66	77	14	36.7/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-08-04 12:10 (30)	97	66	69	12	36.8/ORAL CAVITY
	Day 29/ POST-DOSE	2020-08-04 14:07 (1)	92	58	67	14	36.7/ORAL CAVITY
	Day 36	2020-08-12 15:13 (9)	118	68	82	16	37/ORAL CAVITY
	Day 43	2020-08-19 15:20 (16)	99	67	88	12	35.6/ORAL CAVITY
	Day 57	2020-09-02 15:01 (30)	103	68	89	14	36.7/ORAL CAVITY

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Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2061037	Screening	2020-06-09 11:07 (-17)	138	91	71	16	36.6/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-26 08:30 (1)	140	89	71	14	36.8/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-26 10:58 (1)	154	89	61	16	36.8/ORAL CAVITY
	Day 8	2020-07-06 08:26 (11)	130	93	74	18	36.7/ORAL CAVITY
	Day 15	2020-07-10 08:11 (15)	139	87	75	16	37/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-29 08:13 (34)	136	94	62	16	36.9/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-29 10:31 (1)	142	93	62	16	36.7/ORAL CAVITY
	Day 36	2020-08-05 08:11 (8)	128	85	70	16	36.4/ORAL CAVITY
	Day 43	2020-08-12 08:18 (15)	125	94	65	16	36.6/ORAL CAVITY
	Day 57	2020-08-26 13:38 (29)	132	86	71	16	37.1/ORAL CAVITY
US2061053	Screening	2020-06-15 13:45 (-16)	139	78	78	16	37.1/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-07-01 09:18 (1)	132	75	87	16	36.6/ORAL CAVITY
	Day 1/ POST-DOSE	2020-07-01 11:37 (1)	126	83	71	16	36.8/ORAL CAVITY
	Day 8	2020-07-08 13:51 (8)	136	82	82	16	37/ORAL CAVITY
	Day 15	2020-07-13 12:56 (13)	136	73	67	16	36.7/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-29 11:17 (29)	129	86	75	16	36.5/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-29 13:40 (1)	131	74	82	14	37/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2061053	Day 36	2020-08-07 11:33 (10)	117	71	71	16	36.9/ORAL CAVITY
	Day 43	2020-08-14 11:02 (17)	129	78	69	16	36.4/ORAL CAVITY
	Day 57	2020-08-24 11:40 (27)	143	77	71	16	36.8/ORAL CAVITY
US2061057	Screening	2020-06-18 13:37 (-13)	106	63	63	12	36.9/ORAL CAVITY
	Unscheduled	2020-06-23 11:48 (-8)	116	81	71	17	36.7/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-07-01 12:59 (1)	100	67	74	16	37.1/ORAL CAVITY
	Day 1/ POST-DOSE	2020-07-01 15:52 (1)	116	73	58	14	36.6/ORAL CAVITY
	Day 8	2020-07-10 09:45 (10)	101	67	67	16	36.7/ORAL CAVITY
	Day 15	2020-07-17 10:10 (17)	111	65	65	14	36.6/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-29 11:09 (29)	113	62	65	16	36.6/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-29 13:17 (1)	121	70	60	16	36.4/ORAL CAVITY
	Day 36	2020-08-05 13:00 (8)	101	64	74	16	36.8/ORAL CAVITY
	Day 43	2020-08-12 13:10 (15)	101	60	72	16	36.9/ORAL CAVITY
	Day 57	2020-08-24 09:31 (27)	93	59	63	14	36.4/ORAL CAVITY
US2061064	Screening	2020-06-22 14:14 (-8)	119	75	64	17	36.9/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-30 15:07 (1)	119	71	66	15	36.4/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-30 17:23 (1)	126	79	68	16	36.6/ORAL CAVITY
	Day 8	2020-07-07 13:59 (8)	115	69	74	16	37/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2061064	Day 15	2020-07-14 14:00 (15)	108	78	76	16	36.8/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-28 13:56 (29)	124	82	81	16	36.9/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-28 16:05 (1)	106	69	72	12	36.7/ORAL CAVITY
	Day 36	2020-08-05 13:30 (9)	106	72	69	16	36.4/ORAL CAVITY
	Day 43	2020-08-11 13:01 (15)	112	76	80	16	37.7/ORAL CAVITY
	Day 57	2020-08-24 13:01 (28)	111	75	77	16	36.8/ORAL CAVITY
US2061068	Screening	2020-06-24 10:35 (-6)	143	81	80	16	36.2/ORAL CAVITY
	Unscheduled	2020-06-26 13:50 (-4)	153	83	60	16	35.9/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-30 08:14 (1)	139	75	82	16	36.3/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-30 10:55 (1)	141	81	55	14	36.5/ORAL CAVITY
	Day 8	2020-07-07 08:07 (8)	133	68	57	16	36.5/ORAL CAVITY
	Day 15	2020-07-16 08:10 (17)	138	74	69	16	35.7/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-31 08:21 (32)	135	73	67	16	35.6/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-31 10:59 (1)	126	61	59	16	35.6/ORAL CAVITY
	Day 36	2020-08-11 08:30 (12)	139	80	68	16	36.4/ORAL CAVITY
	Day 57	2020-09-02 08:09 (34)	126	54	66	16	36.5/ORAL CAVITY
US2071007	Screening	2020-05-25 12:07 (-8)	140	76	80	12	36.7/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2071007	Day 1/ PRE-DOSE	2020-06-02 10:08 (1)	128	82	74	14	36.7/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-02 12:34 (1)	124	82	76	12	36.8/ORAL CAVITY
	Day 8	2020-06-09 10:05 (8)	110	76	68	12	36.2/ORAL CAVITY
	Day 15	2020-06-17 10:07 (16)	110	70	72	12	36.8/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-07 10:00 (36)	110	78	68	12	36.6/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-07 11:46 (1)	118	78	68	12	36.7/ORAL CAVITY
	Day 36	2020-07-14 11:22 (8)	126	80	72	16	37.1/ORAL CAVITY
	Day 43	2020-07-21 11:02 (15)	120	72	70	14	36.3/ORAL CAVITY
	Day 57	2020-08-06 10:26 (31)	118	70	66	14	36.3/ORAL CAVITY
US2071024	Screening	2020-05-26 10:38 (-8)	140	78	66	16	36.7/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-03 13:50 (1)	128	80	64	16	36.6/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-03 16:58 (1)	122	70	62	16	36.6/ORAL CAVITY
	Day 8	2020-06-10 08:37 (8)	126	78	62	14	36.2/ORAL CAVITY
	Day 15	2020-06-15 09:15 (13)	144	84	68	14	36.8/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-06 09:16 (34)	120	68	68	14	36.7/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-06 11:07 (1)	132	70	68	12	37.2/ORAL CAVITY
	Day 36	2020-07-14 09:02 (9)	122	78	64	14	36.8/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2071024	Day 43	2020-07-21 08:33 (16)	124	78	76	16	36.8/ORAL CAVITY
	Day 57	2020-08-03 09:07 (29)	122	74	68	16	36.9/ORAL CAVITY
US2071025	Screening	2020-05-26 10:36 (-8)	124	76	80	12	36.4/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-03 10:20 (1)	100	78	82	12	36.7/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-03 12:56 (1)	120	86	76	16	36.8/ORAL CAVITY
	Day 8	2020-06-11 10:08 (9)	126	82	66	14	36.6/ORAL CAVITY
	Day 15	2020-06-17 10:12 (15)	130	80	72	14	36.9/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-08 10:06 (36)	140	76	88	14	36.6/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-08 12:01 (1)	108	76	86	14	36.2/ORAL CAVITY
	Day 36	2020-07-15 10:11 (8)	142	90	88	14	37.1/ORAL CAVITY
	Day 43	2020-07-22 10:16 (15)	122	72	74	12	36.4/ORAL CAVITY
	Day 57	2020-08-05 10:06 (29)	130	84	84	16	36.9/ORAL CAVITY
US2071083	Screening	2020-06-15 08:27 (-11)	140	78	60	12	36.5/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-26 09:14 (1)	120	64	62	16	36.7/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-26 11:36 (1)	118	64	60	14	36.2/ORAL CAVITY
	Day 8	2020-07-06 08:45 (11)	142	60	58	12	36.9/ORAL CAVITY
	Day 15	2020-07-10 09:09 (15)	140	70	60	12	36.8/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2071083	Day 29/ PRE-DOSE	2020-07-21 08:41 (26)	142	60	68	12	36.8/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-21 11:02 (1)	144	68	62	12	36.1/ORAL CAVITY
	Day 36	2020-07-29 10:10 (9)	120	58	60	12	36.9/ORAL CAVITY
	Day 43	2020-08-06 08:38 (17)	118	62	72	12	37/ORAL CAVITY
	Day 57	2020-08-24 08:46 (35)	142	62	49	12	36/ORAL CAVITY
US2071090	Screening	2020-06-18 17:06 (-11)	120	78	80	16	37.2/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-29 13:08 (1)	120	80	88	16	36.3/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-29 15:12 (1)	124	78	68	12	36.8/ORAL CAVITY
	Day 8	2020-07-07 15:47 (9)	128	78	88	14	36.7/ORAL CAVITY
	Day 15	2020-07-13 14:13 (15)	120	74	78	14	37/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-29 14:08 (31)	108	64	68	16	36.9/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-29 16:17 (1)	118	76	84	12	37.6/ORAL CAVITY
	Day 36	2020-08-07 13:15 (10)	118	76	72	16	36.8/ORAL CAVITY
	Day 43	2020-08-12 14:17 (15)	111	69	84	14	36.1/ORAL CAVITY
	Day 57	2020-08-25 15:45 (28)	110	71	84	14	36.6/ORAL CAVITY
US2071099	Screening	2020-06-24 15:08 (-13)	144	82	80	16	36.2/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-07-07 12:34 (1)	142	78	80	16	36.7/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2071099	Day 1/ POST-DOSE	2020-07-07 14:40 (1)	142	76	76	14	36.6/ORAL CAVITY
	Day 8	2020-07-15 13:57 (9)	126	70	82	16	36.4/ORAL CAVITY
	Day 15	2020-07-21 14:04 (15)	136	80	76	14	36.5/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-08-04 13:56 (29)	133	70	88	16	36.8/ORAL CAVITY
	Day 29/ POST-DOSE	2020-08-04 16:15 (1)	138	68	60	16	36.9/ORAL CAVITY
	Day 36	2020-08-11 14:06 (8)	149	76	86	16	36.6/ORAL CAVITY
	Day 43	2020-08-17 13:59 (14)	168	85	76	14	36.5/ORAL CAVITY
	Day 57	2020-09-03 14:07 (31)	172	96	79	16	36.8/ORAL CAVITY
US2071101	Screening	2020-06-25 13:32 (-4)	134	78	64	14	36.5/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-29 15:28 (1)	132	72	80	16	36.7/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-29 17:45 (1)	124	64	68	14	36.6/ORAL CAVITY
	Day 8	2020-07-06 14:15 (8)	128	78	78	16	37.1/ORAL CAVITY
	Day 15	2020-07-10 13:17 (12)	112	62	60	16	36.2/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-08-03 13:17 (36)	124	70	68	16	36.8/ORAL CAVITY
	Day 29/ POST-DOSE	2020-08-03 16:00 (1)	130	72	70	14	36.6/ORAL CAVITY
US2071104	Screening	2020-06-26 14:48 (-10)	128	64	68	14	36.9/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2071104	Day 1/ PRE-DOSE	2020-07-06 12:10 (1)	134	80	78	16	37/ORAL CAVITY
	Day 1/ POST-DOSE	2020-07-06 14:14 (1)	98	64	74	14	36.6/ORAL CAVITY
	Day 8	2020-07-13 10:06 (8)	124	76	88	14	35.8/ORAL CAVITY
	Day 15	2020-07-21 (16)	124	78	84	16	36.4/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-08-10 10:03 (36)	124	77	73	12	36.8/ORAL CAVITY
	Day 29/ POST-DOSE	2020-08-10 11:46 (1)	120	80	71	16	36.4/ORAL CAVITY
	Day 36	2020-08-19 09:50 (10)	126	76	86	16	36.5/ORAL CAVITY
	Day 43	2020-08-26 10:11 (17)	154	76	89	14	36.4/ORAL CAVITY
	Day 57	2020-09-04 09:42 (26)	143	73	100	14	36.8/ORAL CAVITY
US2071106	Screening	2020-07-01 15:42 (-5)	124	64	60	12	36.7/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-07-06 15:57 (1)	120	82	66	14	36.7/ORAL CAVITY
	Day 1/ POST-DOSE	2020-07-06 17:53 (1)	126	84	72	16	36/ORAL CAVITY
	Day 8	2020-07-13 14:10 (8)	128	74	74	16	36.6/ORAL CAVITY
	Unscheduled	2020-08-13 12:01 (39)	144	79	64	14	36.9/ORAL CAVITY
	Day 43	2020-08-18 10:23 (44)	132	81	64	16	36.6/ORAL CAVITY
	Day 57	2020-08-26 10:07 (52)	140	82	66	14	36.6/ORAL CAVITY
US2081003	Screening	2020-05-26 11:30 (-3)	119	73	62	19	36.7/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2081003	Day 1/ PRE-DOSE	2020-05-29 13:29 (1)	122	76	74	21	36.7/ORAL CAVITY
	Day 1/ POST-DOSE	2020-05-29 15:32 (1)	107	74	74	17	36.6/ORAL CAVITY
	Day 8	2020-06-08 11:06 (11)	121	86	71	14	36.3/ORAL CAVITY
	Day 15	2020-06-15 11:08 (18)	112	72	61	17	36.7/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-06-29 09:02 (32)	109	74	72	17	36.6/ORAL CAVITY
	Day 29/ POST-DOSE	2020-06-29 10:47 (1)	110	70	64	17	36.9/ORAL CAVITY
	Day 36	2020-07-06 10:03 (8)	106	75	76	16	36.6/ORAL CAVITY
	Day 43	2020-07-13 11:40 (15)	110	75	76	20	36.4/ORAL CAVITY
	Day 57	2020-07-27 10:00 (29)	123	85	64	17	36.5/ORAL CAVITY
US2081009	Screening	2020-05-27 08:55 (-5)	114	79	64	16	36.7/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-01 09:15 (1)	114	79	78	16	36.7/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-01 11:20 (1)	122	82	56	17	36.6/ORAL CAVITY
	Day 8	2020-06-08 08:08 (8)	124	78	66	16	36.5/ORAL CAVITY
	Day 15	2020-06-15 08:11 (15)	118	75	70	17	35.9/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-02 13:05 (32)	118	74	56	17	36.5/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-02 14:24 (1)	102	75	61	16	36.5/ORAL CAVITY
	Day 36	2020-07-09 11:58 (8)	110	85	61	16	36.6/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2081009	Day 43	2020-07-15 12:05 (14)	129	85	54	18	36.4/ORAL CAVITY
	Day 57	2020-07-28 13:30 (27)	109	81	70	17	36.9/ORAL CAVITY
US2081020	Screening	2020-05-28 10:47 (-5)	119	77	71	17	37/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-02 09:22 (1)	119	68	71	17	36.7/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-02 11:42 (1)	124	75	66	17	37.1/ORAL CAVITY
	Day 8	2020-06-09 10:00 (8)	116	68	73	14	36.7/ORAL CAVITY
	Day 15	2020-06-16 10:10 (15)	109	72	73	16	36.7/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-06-29 11:05 (28)	124	88	74	17	36.9/ORAL CAVITY
	Day 29/ POST-DOSE	2020-06-29 12:58 (1)	110	70	68	17	36.7/ORAL CAVITY
	Day 36	2020-07-06 11:07 (8)	106	67	84	14	36.9/ORAL CAVITY
	Day 43	2020-07-15 13:05 (17)	106	72	76	17	36.6/ORAL CAVITY
	Day 57	2020-07-28 13:05 (30)	98	68	88	18	36.7/ORAL CAVITY
US2081070	Screening	2020-06-12 12:32 (-14)	132	80	77	18	36.7/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-26 11:06 (1)	156	90	59	19	36.7/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-26 12:59 (1)	159	74	45	17	36.7/ORAL CAVITY
	Day 8	2020-07-03 12:32 (8)	135	66	50	16	36.6/ORAL CAVITY
	Day 15	2020-07-13 12:58 (18)	141	73	55	14	36.6/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2081070	Day 29/ PRE-DOSE	2020-07-24 13:15 (29)	150	69	63	17	36.6/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-24 15:06 (1)	125	80	84	17	36.7/ORAL CAVITY
	Day 36	2020-08-03 13:55 (11)	136	75	72	17	36.8/ORAL CAVITY
	Day 43	2020-08-10 14:13 (18)	135	67	53	12	36.7/ORAL CAVITY
	Day 57	2020-08-21 14:34 (29)	111	86	68	12	36.8/ORAL CAVITY
US2081071	Screening	2020-06-12 13:31 (-18)	135	92	81	17	36.5/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-30 11:25 (1)	132	80	62	17	36.6/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-30 13:07 (1)	134	87	66	14	36.4/ORAL CAVITY
	Day 8	2020-07-08 14:04 (9)	137	88	60	10	36.6/ORAL CAVITY
	Day 15	2020-07-15 07:05 (16)	114	82	68	18	36.8/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-29 11:06 (30)	125	89	80	18	36.6/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-29 12:55 (1)	137	94	64	16	36.7/ORAL CAVITY
	Day 36	2020-08-05 12:11 (8)	131	83	81	12	36.8/ORAL CAVITY
	Day 43	2020-08-12 12:05 (15)	132	82	68	17	36.8/ORAL CAVITY
	Day 57	2020-08-26 13:08 (29)	119	81	93	12	36.7/ORAL CAVITY
US2081085	Screening	2020-06-18 10:48 (-15)	122	72	62	18	37.2/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-07-03 12:15 (1)	126	70	56	17	36.9/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2081085	Day 1/ POST-DOSE	2020-07-03 14:16 (1)	135	87	61	16	37.1/ORAL CAVITY
	Day 8	2020-07-09 08:10 (7)	129	80	71	12	36.9/ORAL CAVITY
	Day 15	2020-07-20 08:05 (18)	118	70	52	18	36.7/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-08-11 07:45 (40)	129	75	67	17	36.7/ORAL CAVITY
	Day 29/ POST-DOSE	2020-08-11 10:03 (1)	135	82	68	17	36.9/ORAL CAVITY
	Day 36	2020-08-18 11:42 (8)	131	76	71	14	36.8/ORAL CAVITY
	Day 43	2020-08-26 08:13 (16)	122	76	71	16	36.9/ORAL CAVITY
	Day 57	2020-09-08 09:12 (29)	128	80	68	16	37/ORAL CAVITY
US2081090	Screening	2020-06-19 07:45 (-12)	114	60	64	17	36.8/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-07-01 07:09 (1)	126	80	58	17	36.8/ORAL CAVITY
	Day 1/ POST-DOSE	2020-07-01 09:11 (1)	132	84	54	18	36.7/ORAL CAVITY
	Day 8	2020-07-09 07:12 (9)	124	86	62	14	36.7/ORAL CAVITY
	Day 15	2020-07-16 07:15 (16)	128	86	63	17	36.8/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-08-03 07:20 (34)	132	72	68	17	36.8/ORAL CAVITY
	Day 29/ POST-DOSE	2020-08-03 09:17 (1)	142	88	69	14	36.7/ORAL CAVITY
	Day 36	2020-08-10 07:55 (8)	124	84	60	14	36.8/ORAL CAVITY
	Day 43	2020-08-17 08:23 (15)	132	90	67	16	36.7/ORAL CAVITY
	Day 57	2020-09-02 10:07 (31)	138	82	67	16	36.7/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2081092	Screening	2020-06-19 11:58 (-13)	138	72	64	17	36.8/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-07-02 09:00 (1)	138	72	68	17	36.7/ORAL CAVITY
	Day 1/ POST-DOSE	2020-07-02 11:28 (1)	135	82	60	18	36.7/ORAL CAVITY
	Day 8	2020-07-09 09:36 (8)	124	82	64	18	36.4/ORAL CAVITY
	Day 15	2020-07-17 09:45 (16)	130	85	60	12	36.5/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-31 13:15 (30)	114	70	72	17	36.6/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-31 15:15 (1)	112	68	56	17	36.6/ORAL CAVITY
	Day 36	2020-08-06 12:30 (7)	108	64	64	18	36.5/ORAL CAVITY
	Day 43	2020-08-14 09:02 (15)	141	84	65	17	36.6/ORAL CAVITY
	Day 57	2020-08-28 09:54 (29)	141	87	71	18	36.8/ORAL CAVITY
US2081100	Screening	2020-06-22 12:25 (-10)	127	81	69	18	36.7/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-07-02 13:15 (1)	139	82	76	17	36.8/ORAL CAVITY
	Day 1/ POST-DOSE	2020-07-02 14:52 (1)	133	87	68	18	36.8/ORAL CAVITY
	Day 8	2020-07-09 14:21 (8)	137	99	74	14	36.9/ORAL CAVITY
	Day 15	2020-07-17 13:15 (16)	139	85	68	17	36.6/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-08-03 09:30 (33)	129	84	84	17	36.8/ORAL CAVITY
	Day 29/ POST-DOSE	2020-08-03 11:11 (1)	126	88	71	17	36.6/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2081100	Day 36	2020-08-10 08:40 (8)	120	78	64	15	37.2/ORAL CAVITY
	Day 43	2020-08-17 10:10 (15)	128	85	71	15	36.7/ORAL CAVITY
	Day 57	2020-09-10 11:24 (39)	130	86	75	16	37/ORAL CAVITY
US2081110	Screening	2020-06-23 15:04 (-10)	137	79	60	17	37/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-07-03 09:05 (1)	130	85	68	18	36.7/ORAL CAVITY
	Day 1/ POST-DOSE	2020-07-03 10:37 (1)	131	84	68	17	36.9/ORAL CAVITY
	Day 8	2020-07-13 10:54 (11)	132	76	60	12	36.7/ORAL CAVITY
	Day 15	2020-07-20 11:10 (18)	118	72	62	18	36.9/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-31 11:10 (29)	104	71	61	14	36.7/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-31 12:53 (1)	120	81	57	16	36.7/ORAL CAVITY
	Day 36	2020-08-07 08:10 (8)	122	70	68	15	36.5/ORAL CAVITY
	Day 43	2020-08-14 10:38 (15)	118	79	58	16	36.6/ORAL CAVITY
	Day 57	2020-08-28 13:10 (29)	122	80	61	12	36.7/ORAL CAVITY
US2081112	Screening	2020-06-24 07:45 (-9)	118	78	60	14	36.7/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-07-03 11:05 (1)	118	80	64	17	36.6/ORAL CAVITY
	Day 1/ POST-DOSE	2020-07-03 12:58 (1)	112	75	52	14	36.6/ORAL CAVITY
	Day 8	2020-07-13 09:00 (11)	116	75	62	14	36.7/ORAL CAVITY
	Day 15	2020-07-20 09:05 (18)	110	60	60	17	36.4/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2081112	Day 29/ PRE-DOSE	2020-08-11 09:05 (40)	114	72	68	20	36.7/ORAL CAVITY
	Day 29/ POST-DOSE	2020-08-11 11:16 (1)	130	82	68	17	36.7/ORAL CAVITY
	Day 36	2020-08-19 08:12 (9)	110	82	57	14	36.6/ORAL CAVITY
	Day 43	2020-08-26 14:17 (16)	111	76	65	16	36.7/ORAL CAVITY
	Day 57	2020-09-14 09:39 (35)	113	74	63	16	36.6/ORAL CAVITY
US2081118	Screening	2020-06-24 12:03 (-7)	123	79	75	16	36.7/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-07-01 13:05 (1)	136	80	81	17	36.8/ORAL CAVITY
	Day 1/ POST-DOSE	2020-07-01 15:07 (1)	128	81	73	14	36.7/ORAL CAVITY
	Day 8	2020-07-09 14:19 (9)	132	74	78	20	36.8/ORAL CAVITY
	Day 15	2020-07-16 12:55 (16)	133	82	81	17	36.9/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-31 13:03 (31)	122	76	74	14	36.8/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-31 14:50 (1)	128	72	68	14	36.7/ORAL CAVITY
	Day 36	2020-08-07 11:15 (8)	118	74	86	14	36.3/ORAL CAVITY
	Day 43	2020-08-14 11:32 (15)	132	81	83	15	36.7/ORAL CAVITY
	Day 57	2020-08-28 11:09 (29)	133	81	75	16	36.7/ORAL CAVITY
US2081123	Screening	2020-06-25 09:19 (-5)	129	85	45	14	36.4/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-30 11:15 (1)	123	68	77	18	36.7/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2081123	Day 1/ POST-DOSE	2020-06-30 13:27 (1)	122	72	50	16	36.6/ORAL CAVITY
	Day 8	2020-07-08 11:09 (9)	135	80	51	14	36.5/ORAL CAVITY
	Day 15	2020-07-15 11:42 (16)	116	82	62	19	36.8/ORAL CAVITY
	Unscheduled	2020-07-29 13:23 (30)	114	64	68	19	37.7/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-08-11 11:13 (43)	132	80	62	20	36.5/ORAL CAVITY
	Day 36	2020-08-19 11:20 (51)	117	79	62	12	36.6/ORAL CAVITY
	Day 43	2020-08-25 08:35 (57)	129	77	53	14	36.6/ORAL CAVITY
	Day 57	2020-09-08 12:12 (71)	114	70	61	18	36.9/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2011004	Screening	2020-05-26 12:46 (-6)	120	90	87	12	37/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-01 11:49 (1)	138	97	64	11	36.6/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-01 14:40 (1)	110	82	62	14	36.6/ORAL CAVITY
	Day 8	2020-06-08 09:12 (8)	120	87	62	12	36.9/ORAL CAVITY
	Day 15	2020-06-15 08:45 (15)	113	88	71	14	36.9/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-06-29 09:08 (29)	123	90	61	12	36.7/ORAL CAVITY
	Day 29/ POST-DOSE	2020-06-29 12:51 (1)	122	78	58	14	36.5/ORAL CAVITY
	Day 36	2020-07-06 09:12 (8)	118	88	58	12	36.9/ORAL CAVITY
	Day 43	2020-07-13 09:03 (15)	123	88	64	14	37/ORAL CAVITY
	Day 57	2020-07-27 10:10 (29)	114	86	68	12	37.1/ORAL CAVITY
US2011009	Screening	2020-05-26 14:10 (-6)	119	83	75	14	37/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-01 14:43 (1)	128	66	78	14	36.7/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-01 17:24 (1)	132	80	66	14	36.7/ORAL CAVITY
	Day 8	2020-06-08 11:06 (8)	111	76	68	14	36.9/ORAL CAVITY
	Day 15	2020-06-15 11:05 (15)	114	79	60	14	37/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-06-29 14:54 (29)	120	68	62	14	36.7/ORAL CAVITY
	Day 29/ POST-DOSE	2020-06-29 17:24 (1)	124	70	56	14	36.7/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2011009	Day 36	2020-07-06 12:16 (8)	122	70	62	14	37.1/ORAL CAVITY
	Day 43	2020-07-13 11:49 (15)	99	73	64	16	36.6/ORAL CAVITY
	Day 57	2020-07-27 11:18 (29)	122	81	60	14	36.8/ORAL CAVITY
US2011028	Screening	2020-05-27 08:25 (-5)	130	80	67	12	36.8/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-01 09:55 (1)	119	67	78	11	36.4/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-01 12:15 (1)	126	75	71	12	36.9/ORAL CAVITY
	Day 8	2020-06-08 07:32 (8)	128	89	71	12	36.9/ORAL CAVITY
	Day 15	2020-06-15 07:25 (15)	132	88	60	12	36.8/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-06-29 07:22 (29)	126	82	71	14	36.9/ORAL CAVITY
	Day 29/ POST-DOSE	2020-06-29 10:11 (1)	122	90	66	14	36.7/ORAL CAVITY
	Day 36	2020-07-06 07:22 (8)	123	78	69	14	36.7/ORAL CAVITY
	Day 43	2020-07-14 07:14 (16)	122	82	81	14	36.9/ORAL CAVITY
	Day 57	2020-07-27 07:08 (29)	128	82	62	16	36.8/ORAL CAVITY
US2011113	Screening	2020-06-12 10:02 (-20)	151	100	82	16	36.8/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-07-02 10:33 (1)	120	86	78	14	36.8/ORAL CAVITY
	Day 1/ POST-DOSE	2020-07-02 12:54 (1)	122	88	76	14	36.7/ORAL CAVITY
	Day 8	2020-07-09 09:32 (8)	117	78	88	14	36.7/ORAL CAVITY
	Day 15	2020-07-16 09:44 (15)	132	82	86	14	36.9/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2011113	Day 29/ PRE-DOSE	2020-07-30 10:30 (29)	140	90	88	16	36.9/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-30 13:36 (1)	128	68	59	14	36.4/ORAL CAVITY
	Day 36	2020-08-06 09:52 (8)	151	83	84	16	36.6/ORAL CAVITY
	Day 43	2020-08-13 09:18 (15)	143	81	82	16	36.7/ORAL CAVITY
	Day 57	2020-08-31 09:29 (33)	132	76	80	14	36.8/ORAL CAVITY
US2011118	Screening	2020-06-12 15:25 (-14)	108	75	71	12	37.1/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-26 15:08 (1)	112	74	71	14	36.9/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-26 17:35 (1)	128	78	62	14	36.3/ORAL CAVITY
	Day 8	2020-07-03 09:07 (8)	130	71	65	14	37/ORAL CAVITY
	Day 15	2020-07-10 09:00 (15)	102	62	75	14	36.9/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-24 07:12 (29)	89	64	81	14	36.9/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-24 09:42 (1)	112	76	65	14	36.7/ORAL CAVITY
	Day 36	2020-08-03 07:11 (11)	120	62	67	14	36.7/ORAL CAVITY
	Day 43	2020-08-10 07:20 (18)	109	72	70	14	36.8/ORAL CAVITY
	Day 57	2020-08-21 17:22 (29)	118	72	68	14	36.7/ORAL CAVITY
US2011121	Screening	2020-06-15 13:40 (-17)	113	77	76	14	36.8/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-07-02 14:41 (1)	117	81	77	14	37/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2011121	Day 1/ POST-DOSE	2020-07-02 17:01 (1)	114	80	66	16	36.8/ORAL CAVITY
	Day 8	2020-07-09 13:21 (8)	106	78	78	14	37.3/ORAL CAVITY
	Day 15	2020-07-16 13:23 (15)	111	78	81	14	37/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-30 13:47 (29)	122	68	48	14	36.9/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-30 16:06 (1)	124	72	56	14	36.8/ORAL CAVITY
	Day 36	2020-08-06 14:23 (8)	100	73	82	18	37/ORAL CAVITY
	Day 43	2020-08-14 16:43 (16)	111	85	74	14	37.1/ORAL CAVITY
	Day 57	2020-08-28 10:00 (30)	130	82	61	14	36.4/ORAL CAVITY
US2011122	Screening	2020-06-16 14:32 (-10)	98	62	66	16	37.3/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-26 07:26 (1)	111	60	75	14	37.1/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-26 09:51 (1)	120	68	67	14	37/ORAL CAVITY
	Day 8	2020-07-03 07:11 (8)	120	85	78	14	37.2/ORAL CAVITY
	Day 15	2020-07-10 07:15 (15)	120	75	76	14	37.1/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-24 07:06 (29)	107	70	82	18	36.4/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-24 09:18 (1)	111	73	78	16	36.8/ORAL CAVITY
	Day 57	2020-08-21 07:33 (29)	103	72	73	12	37.1/ORAL CAVITY
US2011128	Screening	2020-06-18 11:05 (-12)	125	87	71	15	36.8/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2011128	Day 1/ PRE-DOSE	2020-06-30 10:06 (1)	100	70	66	16	36.9/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-30 12:20 (1)	130	82	64	12	36.7/ORAL CAVITY
	Day 8	2020-07-07 10:15 (8)	106	83	73	14	36.8/ORAL CAVITY
	Day 15	2020-07-14 09:56 (15)	123	79	69	16	36.6/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-29 10:06 (30)	105	77	66	14	36.8/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-29 12:28 (1)	117	79	64	12	36.3/ORAL CAVITY
	Day 36	2020-08-05 10:13 (8)	125	78	62	14	36.6/ORAL CAVITY
	Day 43	2020-08-12 10:27 (15)	120	82	64	14	36.9/ORAL CAVITY
	Day 57	2020-08-26 11:15 (29)	125	80	62	14	36.8/ORAL CAVITY
US2011139	Screening	2020-06-22 11:20 (-4)	106	73	70	16	37.1/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-26 11:08 (1)	114	72	65	16	36.6/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-26 13:51 (1)	124	72	68	14	36.7/ORAL CAVITY
	Day 8	2020-07-03 11:00 (8)	114	76	63	14	36.9/ORAL CAVITY
	Day 15	2020-07-10 10:58 (15)	102	68	60	16	36.8/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-24 11:18 (29)	117	79	65	16	36.9/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-24 13:36 (1)	115	76	62	16	36.9/ORAL CAVITY
	Day 36	2020-07-31 11:21 (8)	110	62	58	14	36.9/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2011139	Day 43	2020-08-07 11:09 (15)	98	72	69	12	37.1/ORAL CAVITY
	Day 57	2020-08-21 11:26 (29)	142	75	64	14	36.8/ORAL CAVITY
US2011149	Screening	2020-06-25 10:57 (-4)	111	80	71	16	36.8/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-29 11:10 (1)	126	72	68	12	37.2/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-29 14:03 (1)	137	89	58	12	36.6/ORAL CAVITY
	Day 8	2020-07-06 11:13 (8)	120	60	72	14	36.6/ORAL CAVITY
	Day 15	2020-07-13 11:17 (15)	108	71	64	16	37/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-27 10:44 (29)	118	76	61	14	36.8/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-27 16:29 (1)	120	79	59	12	37/ORAL CAVITY
	Day 36	2020-08-03 12:57 (8)	104	76	61	14	37.1/ORAL CAVITY
	Day 43	2020-08-10 13:31 (15)	105	68	64	14	37.2/ORAL CAVITY
	Day 57	2020-08-31 07:09 (36)	122	68	66	14	37.1/ORAL CAVITY
US2011159	Screening	2020-06-30 13:09 (-2)	134	84	64	14	36.7/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-07-02 11:30 (1)	96	66	74	16	36.7/ORAL CAVITY
	Day 1/ POST-DOSE	2020-07-02 13:56 (1)	140	78	61	14	36.8/ORAL CAVITY
	Day 8	2020-07-09 11:05 (8)	138	78	66	14	36.8/ORAL CAVITY
	Day 15	2020-07-16 10:56 (15)	120	68	58	14	36.6/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2011159	Day 29/ PRE-DOSE	2020-07-30 11:31 (29)	124	68	63	14	36.6/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-30 14:10 (1)	118	66	63	16	36.6/ORAL CAVITY
	Day 36	2020-08-06 13:26 (8)	128	74	65	14	36.8/ORAL CAVITY
	Day 43	2020-08-13 11:38 (15)	130	76	60	16	36.6/ORAL CAVITY
	Day 57	2020-08-27 11:22 (29)	138	72	76	14	36.8/ORAL CAVITY
US2011162	Screening	2020-07-01 15:45 (-5)	119	79	81	16	37/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-07-06 14:06 (1)	115	76	71	14	37.1/ORAL CAVITY
	Day 1/ POST-DOSE	2020-07-06 17:35 (1)	132	68	86	16	36.7/ORAL CAVITY
	Day 8	2020-07-13 14:20 (8)	117	63	69	14	37.1/ORAL CAVITY
	Day 15	2020-07-20 14:36 (15)	127	84	71	14	36.6/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-08-03 15:50 (29)	130	60	68	14	36.3/ORAL CAVITY
	Day 29/ POST-DOSE	2020-08-03 18:04 (1)	135	62	66	14	36.5/ORAL CAVITY
	Day 36	2020-08-10 15:29 (8)	121	69	67	14	37.1/ORAL CAVITY
	Day 43	2020-08-17 15:08 (15)	122	66	75	14	37.1/ORAL CAVITY
	Day 57	2020-08-31 15:52 (29)	119	66	69	14	36.8/ORAL CAVITY
US2021003	Screening	2020-05-26 08:58 (-3)	156	91	60	16	36.7/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-05-29 14:50 (1)	138	64	76	16	37.1/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2021003	Day 1/ POST-DOSE	2020-05-29 17:12 (1)	132	76	60	14	36.5/ORAL CAVITY
	Day 8	2020-06-08 09:15 (11)	120	76	76	16	36.7/ORAL CAVITY
	Day 15	2020-06-12 14:21 (15)	139	74	69	16	36.8/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-06-30 08:15 (33)	132	64	72	16	36.7/ORAL CAVITY
	Day 29/ POST-DOSE	2020-06-30 10:00 (1)	138	85	56	15	36.6/ORAL CAVITY
	Day 36	2020-07-07 13:08 (8)	130	84	75	15	36.7/ORAL CAVITY
	Day 43	2020-07-14 13:27 (15)	150	73	74	16	36.8/ORAL CAVITY
	Day 57	2020-07-27 09:31 (28)	130	76	52	16	36.4/ORAL CAVITY
US2021007	Screening	2020-05-26 09:20 (-6)	140	92	60	16	37.2/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-01 11:42 (1)	112	73	68	14	37/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-01 13:57 (1)	131	80	60	14	36.8/ORAL CAVITY
	Day 8	2020-06-08 09:25 (8)	126	86	58	14	36.8/ORAL CAVITY
	Day 15	2020-06-15 09:22 (15)	129	83	53	15	36.6/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-06-29 08:45 (29)	120	80	54	16	36.8/ORAL CAVITY
	Day 29/ POST-DOSE	2020-06-29 10:55 (1)	130	84	62	15	36.8/ORAL CAVITY
	Unscheduled	2020-06-30 11:20 (2)	134	84	77	16	37.7/ORAL CAVITY
	Day 36	2020-07-07 09:55 (9)	104	80	68	16	36.8/ORAL CAVITY
	Day 43	2020-07-14 09:06 (16)	141	86	65	16	36.9/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2021007	Day 57	2020-07-29 08:55 (31)	114	84	64	16	37.2/ORAL CAVITY
US2021011	Screening	2020-05-26 11:04 (-3)	142	84	62	16	37/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-05-29 13:41 (1)	140	86	64	14	37.1/ORAL CAVITY
	Day 1/ POST-DOSE	2020-05-29 16:38 (1)	139	90	63	12	36.8/ORAL CAVITY
	Day 8	2020-06-08 10:53 (11)	142	86	71	15	37.1/ORAL CAVITY
	Day 15	2020-06-12 09:15 (15)	134	90	72	15	36.9/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-06-26 09:02 (29)	138	84	64	15	37.2/ORAL CAVITY
	Day 29/ POST-DOSE	2020-06-26 11:52 (1)	140	88	70	15	37.3/ORAL CAVITY
	Day 36	2020-07-06 10:10 (11)	138	90	65	15	37.1/ORAL CAVITY
	Day 43	2020-07-09 10:59 (14)	136	82	62	15	36.8/ORAL CAVITY
	Day 57	2020-07-21 10:05 (26)	138	82	68	16	37.1/ORAL CAVITY
US2021031	Screening	2020-05-26 16:48 (-6)	145	88	63	16	36.9/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-01 15:29 (1)	123	86	66	15	36.7/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-01 17:34 (1)	111	81	65	14	36.8/ORAL CAVITY
	Day 8	2020-06-08 13:10 (8)	127	85	56	15	36.7/ORAL CAVITY
	Day 15	2020-06-15 13:10 (15)	122	77	54	15	36.6/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-06-29 13:02 (29)	134	82	70	15	36.9/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2021031	Day 29/ POST-DOSE	2020-06-29 14:59 (1)	125	84	60	16	36.7/ORAL CAVITY
	Day 36	2020-07-07 14:20 (9)	128	74	62	15	36.8/ORAL CAVITY
	Day 43	2020-07-14 14:19 (16)	120	76	84	16	36.9/ORAL CAVITY
	Day 57	2020-07-27 15:06 (29)	106	75	63	15	36.9/ORAL CAVITY
US2021114	Screening	2020-05-29 09:20 (-28)	126	74	55	18	37/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-26 08:15 (1)	147	79	56	14	37.1/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-26 10:33 (1)	139	79	54	14	36.1/ORAL CAVITY
	Day 8	2020-07-06 08:10 (11)	128	70	68	16	36.7/ORAL CAVITY
	Day 15	2020-07-09 10:43 (14)	135	76	53	15	36.7/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-29 09:14 (34)	135	78	53	14	36.7/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-29 11:27 (1)	118	78	61	14	36.6/ORAL CAVITY
	Day 36	2020-08-07 10:00 (10)	138	71	58	13	36.8/ORAL CAVITY
	Day 43	2020-08-11 08:54 (14)	131	67	58	16	37/ORAL CAVITY
	Day 57	2020-08-25 10:26 (28)	129	76	49	14	37/ORAL CAVITY
US2021115	Screening	2020-05-29 10:01 (-28)	113	71	66	16	36.8/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-26 09:39 (1)	118	82	73	15	37.1/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-26 11:27 (1)	132	76	62	15	36.8/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2021115	Day 8	2020-07-06 16:05 (11)	128	75	58	15	36.6/ORAL CAVITY
	Day 15	2020-07-13 15:55 (18)	118	66	59	14	36.4/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-31 11:05 (36)	122	69	63	13	36.8/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-31 12:56 (1)	116	72	65	14	36.6/ORAL CAVITY
	Day 36	2020-08-07 09:57 (8)	122	74	59	16	36.9/ORAL CAVITY
	Day 43	2020-08-14 10:00 (15)	121	79	62	14	36.8/ORAL CAVITY
	Day 57	2020-08-28 10:35 (29)	122	75	72	14	36.8/ORAL CAVITY
US2021186	Screening	2020-06-10 13:55 (-16)	105	76	64	15	36.9/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-26 10:03 (1)	120	77	56	15	37/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-26 12:17 (1)	135	74	54	15	36.2/ORAL CAVITY
	Day 8	2020-07-06 08:46 (11)	138	70	57	15	37.1/ORAL CAVITY
	Day 15	2020-07-13 08:18 (18)	125	75	71	15	37/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-27 08:22 (32)	118	70	59	16	36.9/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-27 10:28 (1)	126	78	68	16	36.7/ORAL CAVITY
	Day 36	2020-08-07 10:35 (12)	137	88	50	14	36.7/ORAL CAVITY
	Day 43	2020-08-13 08:16 (18)	106	72	65	16	36.8/ORAL CAVITY
	Day 57	2020-08-25 14:24 (30)	125	78	57	15	37/ORAL CAVITY
US2021208	Screening	2020-06-17 16:00 (-14)	119	77	57	14	36.7/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2021208	Day 1/ PRE-DOSE	2020-07-01 14:48 (1)	115	79	61	14	37.3/ORAL CAVITY
	Day 1/ POST-DOSE	2020-07-01 16:53 (1)	109	76	56	15	36.6/ORAL CAVITY
	Day 8	2020-07-13 08:56 (13)	128	81	72	14	36.8/ORAL CAVITY
	Day 15	2020-07-16 15:33 (16)	112	80	63	14	36.8/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-29 15:45 (29)	112	80	62	15	36.7/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-29 17:30 (1)	114	78	68	15	36.6/ORAL CAVITY
	Unscheduled	2020-08-07 09:18 (10)	118	79	67	14	36.9/ORAL CAVITY
	Day 57	2020-09-08 08:21 (42)	118	72	68	13	36.8/ORAL CAVITY
US2021211	Screening	2020-06-18 10:05 (-14)	136	78	60	16	36.8/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-07-02 14:10 (1)	120	64	78	16	36.7/ORAL CAVITY
	Day 1/ POST-DOSE	2020-07-02 16:30 (1)	117	63	67	16	36.4/ORAL CAVITY
	Day 8	2020-07-10 11:25 (9)	104	61	80	14	36.8/ORAL CAVITY
	Day 15	2020-07-16 11:35 (15)	110	69	67	14	37/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-31 09:48 (30)	121	67	66	14	36.9/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-31 11:31 (1)	122	70	62	15	36.5/ORAL CAVITY
	Day 36	2020-08-07 13:19 (8)	112	66	80	13	36.8/ORAL CAVITY
	Day 43	2020-08-13 10:57 (14)	127	67	57	13	36.9/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2021211	Day 57	2020-08-25 12:00 (26)	118	66	78	14	36.8/ORAL CAVITY
US2021214	Screening	2020-06-18 11:35 (-8)	130	84	68	14	36.7/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-26 14:12 (1)	124	85	78	14	36.6/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-26 16:28 (1)	127	76	58	14	36/ORAL CAVITY
	Day 8	2020-07-06 14:23 (11)	113	81	69	14	36.5/ORAL CAVITY
	Day 15	2020-07-09 14:36 (14)	123	77	69	14	36.7/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-24 13:59 (29)	107	77	74	14	36.6/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-24 16:43 (1)	124	76	93	14	36.5/ORAL CAVITY
	Day 36	2020-08-03 15:52 (11)	135	82	59	13	36.7/ORAL CAVITY
	Day 43	2020-08-10 14:10 (18)	130	84	56	14	36.7/ORAL CAVITY
	Day 57	2020-08-20 15:10 (28)	134	80	76	13	37.1/ORAL CAVITY
US2021215	Screening	2020-06-18 12:00 (-11)	130	86	56	14	37.1/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-29 11:20 (1)	137	83	70	15	36.8/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-29 13:43 (1)	135	76	64	15	36.8/ORAL CAVITY
	Day 8	2020-07-09 11:36 (11)	130	77	72	14	36.8/ORAL CAVITY
	Day 15	2020-07-16 11:50 (18)	136	75	76	16	37.4/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-08-03 15:11 (36)	124	75	84	13	37/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2021215	Day 29/ POST-DOSE	2020-08-03 16:59 (1)	138	82	73	15	36.7/ORAL CAVITY
	Day 36	2020-08-13 14:25 (11)	110	78	72	14	37.2/ORAL CAVITY
	Day 43	2020-08-19 14:45 (17)	129	84	79	14	36.7/ORAL CAVITY
	Day 57	2020-09-08 14:25 (37)	139	87	64	16	36.3/ORAL CAVITY
US2021218	Screening	2020-06-23 09:45 (-7)	120	82	64	16	37.1/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-30 10:20 (1)	124	84	72	14	37.2/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-30 12:35 (1)	138	86	67	15	37.1/ORAL CAVITY
	Day 8	2020-07-07 08:20 (8)	130	82	72	14	36.6/ORAL CAVITY
	Day 15	2020-07-14 08:20 (15)	120	84	64	14	36.9/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-31 16:35 (32)	120	68	56	15	36.9/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-31 18:21 (1)	132	80	68	15	36.9/ORAL CAVITY
	Day 36	2020-08-07 16:35 (8)	122	76	64	14	36.8/ORAL CAVITY
	Day 43	2020-08-13 16:25 (14)	138	87	78	16	37.1/ORAL CAVITY
	Day 57	2020-08-25 16:46 (26)	121	83	73	16	37.2/ORAL CAVITY
US2021230	Screening	2020-07-01 15:40 (-5)	150	92	76	16	36.7/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-07-06 15:05 (1)	142	92	92	16	37/ORAL CAVITY
	Day 1/ POST-DOSE	2020-07-06 16:43 (1)	153	89	87	16	37.1/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2021230	Day 8	2020-07-14 12:50 (9)	130	78	84	15	37.4/ORAL CAVITY
	Day 15	2020-07-20 11:17 (15)	130	76	58	15	37.2/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-08-03 11:05 (29)	138	72	92	14	37.1/ORAL CAVITY
	Day 29/ POST-DOSE	2020-08-03 13:06 (1)	138	80	72	16	37/ORAL CAVITY
	Day 36	2020-08-10 11:20 (8)	144	80	80	16	37.1/ORAL CAVITY
	Day 43	2020-08-14 10:02 (12)	132	78	62	14	37.3/ORAL CAVITY
	Day 57	2020-09-03 11:28 (32)	140	78	72	16	37.1/ORAL CAVITY
US2021232	Screening	2020-07-02 12:19 (-4)	138	84	74	15	36.8/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-07-06 13:32 (1)	135	81	69	14	36.9/ORAL CAVITY
	Day 1/ POST-DOSE	2020-07-06 15:56 (1)	135	80	52	14	36.5/ORAL CAVITY
	Day 8	2020-07-15 11:15 (10)	108	64	60	14	37.1/ORAL CAVITY
	Day 15	2020-07-21 11:16 (16)	118	70	57	16	36.8/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-08-06 10:19 (32)	131	77	62	14	36.9/ORAL CAVITY
	Day 29/ POST-DOSE	2020-08-06 12:03 (1)	134	76	60	15	37/ORAL CAVITY
	Day 36	2020-08-13 11:45 (8)	122	84	68	16	37/ORAL CAVITY
	Day 43	2020-08-18 12:50 (13)	138	86	62	15	36.9/ORAL CAVITY
	Day 57	2020-09-10 11:58 (36)	132	82	73	16	37.1/ORAL CAVITY
US2021234	Screening	2020-07-02 14:01 (-5)	121	66	66	14	36.9/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2021234	Day 1/ PRE-DOSE	2020-07-07 11:45 (1)	122	82	56	16	36.7/ORAL CAVITY
	Day 1/ POST-DOSE	2020-07-07 13:54 (1)	139	69	53	14	35.6/ORAL CAVITY
	Day 8	2020-07-14 13:40 (8)	127	64	67	14	36.9/ORAL CAVITY
	Day 15	2020-07-20 09:53 (14)	132	78	63	16	36.8/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-08-04 10:15 (29)	124	78	60	16	36.8/ORAL CAVITY
	Day 29/ POST-DOSE	2020-08-04 12:39 (1)	134	70	60	16	36.6/ORAL CAVITY
	Day 36	2020-08-11 10:50 (8)	104	74	56	14	36.3/ORAL CAVITY
	Day 43	2020-08-17 09:45 (14)	104	70	64	16	36.9/ORAL CAVITY
	Day 57	2020-09-03 10:15 (31)	132	80	68	14	36.8/ORAL CAVITY
US2031091	Screening	2020-06-08 13:42 (-18)	138	80	76	16	36.9/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-26 10:02 (1)	139	81	68	18	37/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-26 12:08 (1)	138	82	70	18	37.1/ORAL CAVITY
	Day 8	2020-07-06 10:05 (11)	133	81	77	15	36.9/ORAL CAVITY
	Day 15	2020-07-13 09:06 (18)	126	88	82	13	36.9/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-27 09:45 (32)	136	83	80	16	36.9/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-27 11:40 (1)	129	80	67	16	36.9/ORAL CAVITY
	Day 36	2020-08-03 10:08 (8)	130	80	73	14	36.9/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2031091	Day 43	2020-08-07 08:35 (12)	130	84	83	16	36.9/ORAL CAVITY
	Day 57	2020-08-24 09:08 (29)	124	84	84	14	36.8/ORAL CAVITY
US2031093	Screening	2020-06-08 15:36 (-23)	124	84	69	15	37/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-07-01 15:20 (1)	123	72	70	14	36.7/ORAL CAVITY
	Day 1/ POST-DOSE	2020-07-01 17:44 (1)	110	70	67	14	36.7/ORAL CAVITY
	Day 8	2020-07-08 16:23 (8)	104	78	66	16	36.8/ORAL CAVITY
	Day 15	2020-07-14 16:20 (14)	121	81	72	16	37.1/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-31 10:25 (31)	128	80	61	15	37/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-31 12:42 (1)	134	80	57	15	36.7/ORAL CAVITY
	Day 36	2020-08-07 13:57 (8)	109	75	73	14	36.6/ORAL CAVITY
	Day 43	2020-08-14 12:52 (15)	105	72	81	15	36.9/ORAL CAVITY
	Day 57	2020-09-04 12:06 (36)	126	90	55	16	36.8/ORAL CAVITY
US2031101	Screening	2020-06-09 15:39 (-20)	122	72	66	16	36.8/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-29 12:09 (1)	133	77	71	16	36.5/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-29 13:58 (1)	131	78	61	16	36.5/ORAL CAVITY
	Day 8	2020-07-06 15:47 (8)	108	72	56	16	36.9/ORAL CAVITY
	Day 15	2020-07-20 15:36 (22)	124	81	73	16	37/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2031101	Day 29/ PRE-DOSE	2020-08-03 15:45 (36)	132	80	72	16	36.6/ORAL CAVITY
	Day 29/ POST-DOSE	2020-08-03 18:17 (1)	136	70	73	16	36.5/ORAL CAVITY
	Day 36	2020-08-11 15:25 (9)	120	77	72	16	36.9/ORAL CAVITY
	Day 43	2020-08-18 15:36 (16)	124	76	74	16	36.7/ORAL CAVITY
	Day 57	2020-09-01 15:40 (30)	124	78	81	15	36.7/ORAL CAVITY
US2031111	Screening	2020-06-10 15:35 (-16)	136	84	75	14	36.9/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-26 11:43 (1)	120	76	68	16	36.8/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-26 14:15 (1)	126	80	82	15	36.7/ORAL CAVITY
	Day 8	2020-07-06 10:59 (11)	126	78	65	16	36.7/ORAL CAVITY
	Day 15	2020-07-10 11:11 (15)	150	64	63	16	36.9/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-27 10:50 (32)	142	90	69	16	36.7/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-27 12:59 (1)	136	74	61	15	36.9/ORAL CAVITY
	Day 36	2020-08-03 10:39 (8)	128	77	63	15	36.7/ORAL CAVITY
	Day 43	2020-08-13 10:11 (18)	123	81	70	15	36.8/ORAL CAVITY
	Day 57	2020-08-21 11:02 (26)	124	78	63	14	37/ORAL CAVITY
US2031112	Screening	2020-06-10 15:50 (-16)	110	72	79	16	36.9/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-26 09:18 (1)	110	82	79	16	36.8/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2031112	Day 1/ POST-DOSE	2020-06-26 11:30 (1)	109	84	69	16	36.9/ORAL CAVITY
	Day 8	2020-07-06 10:15 (11)	95	71	81	15	36.9/ORAL CAVITY
	Day 15	2020-07-10 10:07 (15)	100	70	75	14	36.8/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-27 08:27 (32)	104	72	76	16	36.7/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-27 10:48 (1)	102	76	70	16	36.9/ORAL CAVITY
	Unscheduled	2020-07-28 14:35 (2)	118	72	84	16	37.6/ORAL CAVITY
	Day 36	2020-08-03 10:20 (8)	99	70	74	16	36.8/ORAL CAVITY
	Day 43	2020-08-11 08:35 (16)	108	69	77	16	36.9/ORAL CAVITY
	Day 57	2020-09-02 18:13 (38)	104	75	80	16	36.8/ORAL CAVITY
US2031122	Screening	2020-06-12 14:40 (-17)	127	82	66	15	37.1/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-29 12:04 (1)	137	89	65	14	36.6/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-29 14:35 (1)	130	83	63	14	36.8/ORAL CAVITY
	Day 8	2020-07-06 13:06 (8)	133	84	72	16	36.9/ORAL CAVITY
	Day 15	2020-07-13 10:48 (15)	130	88	68	14	36.8/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-29 14:38 (31)	120	77	71	17	36.7/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-29 17:40 (1)	135	73	67	15	36.7/ORAL CAVITY
	Day 36	2020-08-06 12:10 (9)	120	83	66	15	37.1/ORAL CAVITY
	Day 43	2020-08-13 12:12 (16)	127	74	81	14	36.7/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2031122	Day 57	2020-08-24 11:05 (27)	129	88	63	15	36.4/ORAL CAVITY
US2041096	Screening	2020-06-09 10:57 (-20)	130	81	70	16	36.7/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-29 07:10 (1)	135	82	88	14	37/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-29 09:10 (1)	120	72	75	14	35.9/ORAL CAVITY
	Day 8	2020-07-07 07:10 (9)	119	70	75	14	36.6/ORAL CAVITY
	Day 15	2020-07-13 08:35 (15)	132	77	75	14	36.6/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-28 07:35 (30)	135	79	75	15	36.8/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-28 09:32 (1)	136	83	62	14	36.6/ORAL CAVITY
	Day 36	2020-08-04 07:08 (8)	119	76	83	14	37.1/ORAL CAVITY
	Day 43	2020-08-13 07:07 (17)	110	67	80	12	36.7/ORAL CAVITY
	Day 57	2020-08-24 07:03 (28)	121	74	82	16	36.7/ORAL CAVITY
US2041107	Screening	2020-06-11 08:52 (-15)	115	77	61	12	36.6/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-26 16:13 (1)	111	63	95	12	36.6/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-26 18:00 (1)	111	76	66	14	36.5/ORAL CAVITY
	Day 8	2020-07-09 12:55 (14)	108	72	75	16	36.9/ORAL CAVITY
	Day 15	2020-07-13 08:51 (18)	118	75	66	16	36.6/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-27 10:26 (32)	128	75	63	14	36.6/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2041107	Day 29/ POST-DOSE	2020-07-27 12:18 (1)	126	74	58	14	36.6/ORAL CAVITY
	Day 36	2020-08-03 08:05 (8)	94	58	66	14	36.7/ORAL CAVITY
	Day 43	2020-08-10 08:13 (15)	139	81	69	14	36.3/ORAL CAVITY
	Day 57	2020-08-24 08:41 (29)	111	73	70	16	36.7/ORAL CAVITY
US2041108	Screening	2020-06-11 09:03 (-15)	129	77	66	14	36.7/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-26 09:11 (1)	107	66	74	14	36.7/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-26 10:34 (1)	110	60	70	14	35.8/ORAL CAVITY
	Day 8	2020-07-06 16:38 (11)	130	68	65	14	36.7/ORAL CAVITY
	Day 15	2020-07-13 16:39 (18)	119	68	75	16	36.7/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-27 15:20 (32)	113	65	77	14	36.9/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-27 17:10 (1)	148	85	61	14	37/ORAL CAVITY
	Day 36	2020-08-03 09:08 (8)	117	67	69	14	37.1/ORAL CAVITY
	Day 43	2020-08-10 09:10 (15)	118	68	68	12	37.1/ORAL CAVITY
	Day 57	2020-08-24 10:05 (29)	130	70	57	14	36.7/ORAL CAVITY
US2041112	Screening	2020-06-11 11:17 (-15)	134	86	67	12	36.9/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-26 12:06 (1)	127	76	81	12	36.8/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-26 14:17 (1)	128	97	68	12	37.1/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2041112	Day 8	2020-07-06 12:40 (11)	132	81	66	12	36.5/ORAL CAVITY
	Day 15	2020-07-10 12:57 (15)	123	69	65	10	36.7/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-28 15:13 (33)	119	81	61	16	36.8/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-28 17:10 (1)	120	68	60	14	36.7/ORAL CAVITY
	Day 36	2020-08-11 15:05 (15)	137	84	64	14	36.9/ORAL CAVITY
	Day 43	2020-08-18 15:27 (22)	121	71	61	16	37.2/ORAL CAVITY
	Day 57	2020-09-01 15:18 (36)	118	84	88	14	37/ORAL CAVITY
US2041117	Screening	2020-06-11 13:49 (-15)	124	84	62	12	36.7/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-26 14:12 (1)	136	86	84	16	36.8/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-26 16:14 (1)	132	82	84	18	36.4/ORAL CAVITY
	Day 8	2020-07-06 08:13 (11)	152	78	75	16	36.6/ORAL CAVITY
	Day 15	2020-07-13 08:12 (18)	140	68	78	14	36.4/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-28 15:43 (33)	134	78	86	14	37.2/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-28 17:15 (1)	141	86	75	14	36.8/ORAL CAVITY
	Day 36	2020-08-04 14:44 (8)	136	76	77	14	36.6/ORAL CAVITY
	Day 43	2020-08-11 14:07 (15)	116	74	69	14	36.8/ORAL CAVITY
	Day 57	2020-08-25 17:19 (29)	126	78	74	14	36.6/ORAL CAVITY
US2041120	Screening	2020-06-11 15:47 (-19)	134	79	60	14	36.9/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2041120	Day 1/ PRE-DOSE	2020-06-30 13:26 (1)	128	66	58	14	36.9/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-30 15:26 (1)	151	75	50	14	36.8/ORAL CAVITY
	Day 8	2020-07-07 15:35 (8)	129	69	59	18	36.8/ORAL CAVITY
	Day 15	2020-07-14 08:00 (15)	110	68	62	14	36.7/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-28 09:19 (29)	153	73	56	14	37.1/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-28 10:46 (1)	134	82	60	14	36.9/ORAL CAVITY
	Day 36	2020-08-04 08:18 (8)	117	70	74	14	37.2/ORAL CAVITY
	Day 43	2020-08-10 08:28 (14)	118	70	62	16	36.8/ORAL CAVITY
	Day 57	2020-08-24 08:06 (28)	140	82	60	14	37.1/ORAL CAVITY
US2041122	Screening	2020-06-12 08:29 (-17)	133	62	63	12	37.1/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-29 08:15 (1)	108	61	84	12	36.6/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-29 10:23 (1)	119	68	70	12	36.5/ORAL CAVITY
	Day 8	2020-07-07 07:20 (9)	112	66	69	14	36.7/ORAL CAVITY
	Day 15	2020-07-14 09:33 (16)	132	74	81	14	36.5/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-27 13:15 (29)	114	60	83	12	36.8/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-27 15:16 (1)	120	62	70	14	37.1/ORAL CAVITY
	Day 36	2020-08-03 09:40 (8)	120	60	87	12	37.1/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2041122	Day 43	2020-08-10 09:08 (15)	107	62	80	14	36.9/ORAL CAVITY
	Day 57	2020-08-24 09:25 (29)	119	70	81	14	36.6/ORAL CAVITY
US2041123	Screening	2020-06-12 08:43 (-14)	139	85	71	12	36.6/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-26 07:08 (1)	147	79	75	14	36.6/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-26 10:27 (1)	137	80	67	14	36.4/ORAL CAVITY
	Day 8	2020-07-06 08:24 (11)	138	86	74	14	36.6/ORAL CAVITY
	Day 15	2020-07-10 08:15 (15)	126	84	77	16	36.6/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-24 08:48 (29)	127	80	73	14	36.6/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-24 12:03 (1)	130	70	67	14	36.4/ORAL CAVITY
	Day 36	2020-07-31 11:54 (8)	135	76	66	14	36.7/ORAL CAVITY
	Day 43	2020-08-07 09:13 (15)	135	80	73	14	36.7/ORAL CAVITY
	Day 57	2020-08-21 08:09 (29)	117	71	99	14	36.6/ORAL CAVITY
US2041125	Screening	2020-06-12 10:36 (-17)	101	63	98	16	36.6/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-29 14:23 (1)	123	81	95	16	36.6/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-29 16:37 (1)	136	78	83	16	36.9/ORAL CAVITY
	Day 8	2020-07-07 14:07 (9)	118	78	76	18	37.1/ORAL CAVITY
	Day 15	2020-07-13 12:21 (15)	128	80	89	14	36.8/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2041125	Day 29/ PRE-DOSE	2020-07-28 15:26 (30)	122	77	96	14	36.9/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-28 17:39 (1)	116	89	82	14	36.4/ORAL CAVITY
	Day 36	2020-08-04 15:34 (8)	122	82	91	14	36.8/ORAL CAVITY
	Day 43	2020-08-10 15:20 (14)	128	87	97	14	36.7/ORAL CAVITY
	Day 57	2020-08-25 15:03 (29)	116	77	96	14	37/ORAL CAVITY
US2041126	Screening	2020-06-12 11:15 (-14)	130	84	65	14	36.9/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-26 11:24 (1)	133	71	58	14	36.5/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-26 13:54 (1)	118	60	60	14	35.7/ORAL CAVITY
	Day 8	2020-07-06 13:48 (11)	127	69	70	14	36.8/ORAL CAVITY
	Day 15	2020-07-09 09:59 (14)	118	76	69	16	36.5/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-28 10:15 (33)	119	67	66	14	36.7/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-28 12:16 (1)	136	77	56	12	36.4/ORAL CAVITY
	Day 36	2020-08-07 10:48 (11)	120	74	84	14	36.8/ORAL CAVITY
	Day 43	2020-08-14 09:58 (18)	139	76	68	14	36.8/ORAL CAVITY
	Day 57	2020-08-28 09:33 (32)	133	73	68	16	36.6/ORAL CAVITY
US2041131	Screening	2020-06-15 09:50 (-14)	132	82	68	12	36.8/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-29 13:36 (1)	126	79	72	12	36.7/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2041131	Day 1/ POST-DOSE	2020-06-29 15:41 (1)	125	89	67	12	36.7/ORAL CAVITY
	Day 8	2020-07-06 14:07 (8)	130	84	72	12	37/ORAL CAVITY
	Day 15	2020-07-14 13:53 (16)	129	89	68	16	36.6/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-08-10 09:13 (43)	116	72	71	14	36.7/ORAL CAVITY
	Day 29/ POST-DOSE	2020-08-10 11:15 (1)	109	72	61	12	36.6/ORAL CAVITY
	Day 36	2020-08-17 09:25 (8)	131	84	74	14	36.7/ORAL CAVITY
	Day 43	2020-08-25 08:47 (16)	111	76	73	12	36.6/ORAL CAVITY
	Day 57	2020-09-15 15:06 (37)	119	73	73	12	36.8/ORAL CAVITY
US2041136	Screening	2020-06-15 15:37 (-16)	138	82	51	14	36.6/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-07-01 11:10 (1)	124	78	60	14	36.4/ORAL CAVITY
	Day 1/ POST-DOSE	2020-07-01 12:54 (1)	145	92	53	14	36.7/ORAL CAVITY
	Day 8	2020-07-08 13:07 (8)	121	73	55	14	37/ORAL CAVITY
	Day 15	2020-07-15 13:11 (15)	137	83	56	14	36.9/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-08-03 14:30 (34)	116	71	56	14	36.9/ORAL CAVITY
	Day 29/ POST-DOSE	2020-08-03 16:20 (1)	131	88	50	14	36.6/ORAL CAVITY
	Day 36	2020-08-10 13:35 (8)	136	83	58	14	36.7/ORAL CAVITY
	Day 43	2020-08-18 13:45 (16)	123	77	57	12	36.6/ORAL CAVITY
	Day 57	2020-09-01 13:13 (30)	126	82	57	12	36.8/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2041138	Screening	2020-06-16 08:26 (-10)	144	87	74	14	36.8/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-26 13:57 (1)	140	82	80	14	36.6/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-26 15:44 (1)	130	80	67	14	36.5/ORAL CAVITY
	Day 8	2020-07-06 14:29 (11)	132	88	81	14	36.9/ORAL CAVITY
	Day 15	2020-07-09 12:58 (14)	146	82	90	14	36.6/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-24 10:09 (29)	152	82	68	14	36.6/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-24 12:40 (1)	151	87	64	14	36.6/ORAL CAVITY
	Day 36	2020-07-31 10:53 (8)	136	82	80	14	36.6/ORAL CAVITY
	Day 43	2020-08-07 10:05 (15)	128	76	72	14	35.7/ORAL CAVITY
	Day 57	2020-08-18 10:12 (26)	136	88	64	14	36.7/ORAL CAVITY
US2041144	Screening	2020-06-16 14:16 (-10)	155	95	75	16	36.7/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-26 13:35 (1)	140	72	85	14	37/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-26 15:35 (1)	131	86	68	14	36.6/ORAL CAVITY
	Day 8	2020-07-06 13:31 (11)	132	93	78	14	36.9/ORAL CAVITY
	Day 15	2020-07-13 14:13 (18)	138	84	70	14	36.6/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-28 11:14 (33)	122	85	80	14	37/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-28 13:15 (1)	134	84	75	14	36.4/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2041144	Day 36	2020-08-04 14:06 (8)	140	87	82	14	37.1/ORAL CAVITY
	Day 43	2020-08-11 14:16 (15)	122	83	76	14	37.1/ORAL CAVITY
	Day 57	2020-08-25 13:59 (29)	140	87	95	14	36.8/ORAL CAVITY
US2041149	Screening	2020-06-18 10:00 (-18)	126	75	72	12	37.1/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-07-06 15:13 (1)	130	74	66	12	36.6/ORAL CAVITY
	Day 1/ POST-DOSE	2020-07-06 16:53 (1)	148	76	74	12	36.6/ORAL CAVITY
	Day 8	2020-07-15 10:14 (10)	119	90	69	16	36.9/ORAL CAVITY
	Day 15	2020-07-22 10:25 (17)	129	77	62	14	37/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-08-03 11:46 (29)	127	69	79	14	36.9/ORAL CAVITY
	Day 29/ POST-DOSE	2020-08-03 13:46 (1)	131	72	76	14	37.3/ORAL CAVITY
	Day 36	2020-08-12 10:30 (10)	135	75	90	14	36.7/ORAL CAVITY
	Day 43	2020-08-19 15:46 (17)	137	80	76	16	36.8/ORAL CAVITY
	Day 57	2020-09-02 15:40 (31)	150	90	77	14	36.6/ORAL CAVITY
US2051054	Screening	2020-06-11 11:35 (-15)	141	84	56	16	36.8/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-26 10:12 (1)	136	87	82	16	36.8/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-26 12:18 (1)	138	80	55	16	37.2/ORAL CAVITY
	Day 8	2020-07-06 10:07 (11)	133	80	73	14	36.7/ORAL CAVITY
	Day 15	2020-07-10 10:04 (15)	148	77	58	12	36.6/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2051054	Day 29/ PRE-DOSE	2020-07-24 10:03 (29)	140	72	65	14	36.7/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-24 11:58 (1)	132	80	52	14	36.4/ORAL CAVITY
	Day 36	2020-07-31 10:16 (8)	141	78	61	14	36.7/ORAL CAVITY
	Day 43	2020-08-07 10:15 (15)	132	75	55	14	36.7/ORAL CAVITY
	Day 57	2020-08-21 09:58 (29)	148	86	55	14	36.5/ORAL CAVITY
US2051064	Screening	2020-06-17 09:32 (-14)	111	65	73	14	36.2/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-07-01 08:59 (1)	112	66	80	14	36.4/ORAL CAVITY
	Day 1/ POST-DOSE	2020-07-01 10:59 (1)	112	70	59	16	36.6/ORAL CAVITY
	Day 8	2020-07-13 08:18 (13)	105	65	65	14	36.2/ORAL CAVITY
	Day 15	2020-07-16 08:21 (16)	115	74	70	15	36.6/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-29 09:21 (29)	107	69	69	12	36.9/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-29 11:14 (1)	100	61	64	12	36.7/ORAL CAVITY
	Day 36	2020-08-05 09:18 (8)	104	69	74	14	36.7/ORAL CAVITY
	Day 43	2020-08-14 08:25 (17)	90	57	67	14	36.9/ORAL CAVITY
	Day 57	2020-08-27 08:48 (30)	99	67	61	14	36.7/ORAL CAVITY
US2051069	Screening	2020-06-18 09:10 (-8)	111	61	46	16	36.8/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-26 12:46 (1)	103	59	55	14	36.9/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2051069	Day 1/ POST-DOSE	2020-06-26 14:55 (1)	109	68	49	14	36.4/ORAL CAVITY
	Day 8	2020-07-06 14:50 (11)	130	80	48	15	36.6/ORAL CAVITY
	Day 15	2020-07-07 10:36 (12)	120	65	48	15	36.6/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-28 08:13 (33)	108	71	56	14	36.2/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-28 10:17 (1)	127	77	55	16	36.5/ORAL CAVITY
	Day 36	2020-08-03 08:08 (7)	129	90	54	16	36.6/ORAL CAVITY
	Day 43	2020-08-07 12:28 (11)	121	72	52	16	36.9/ORAL CAVITY
	Day 57	2020-08-26 08:45 (30)	113	70	49	12	36.3/ORAL CAVITY
US2051070	Screening	2020-06-18 08:47 (-13)	131	95	83	12	36.6/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-07-01 08:45 (1)	119	78	85	14	36.7/ORAL CAVITY
	Day 1/ POST-DOSE	2020-07-01 11:05 (1)	138	82	80	16	36.1/ORAL CAVITY
	Day 8	2020-07-08 09:18 (8)	101	79	80	12	36.4/ORAL CAVITY
	Day 15	2020-07-13 08:51 (13)	118	74	85	14	36.1/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-08-03 08:20 (34)	119	82	78	14	36.6/ORAL CAVITY
	Day 29/ POST-DOSE	2020-08-03 10:23 (1)	138	83	73	14	35.6/ORAL CAVITY
	Day 36	2020-08-10 08:15 (8)	121	79	82	14	36.1/ORAL CAVITY
	Day 43	2020-08-14 07:59 (12)	126	80	79	15	35.7/ORAL CAVITY
	Day 57	2020-08-28 08:10 (26)	128	81	81	16	36.3/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2051074	Screening	2020-06-19 10:00 (-11)	147	90	73	16	37.2/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-30 09:05 (1)	126	79	86	16	36.6/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-30 11:33 (1)	138	84	69	16	36.5/ORAL CAVITY
	Day 8	2020-07-07 08:57 (8)	127	84	76	15	37/ORAL CAVITY
	Day 15	2020-07-14 09:08 (15)	124	74	83	16	37.1/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-28 09:15 (29)	129	85	78	14	37/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-28 11:46 (1)	126	80	64	15	36.6/ORAL CAVITY
	Day 36	2020-08-04 09:11 (8)	118	74	72	15	36.6/ORAL CAVITY
	Day 43	2020-08-11 09:19 (15)	142	79	87	15	36.6/ORAL CAVITY
	Day 57	2020-08-25 09:11 (29)	130	80	81	15	36.6/ORAL CAVITY
US2051075	Screening	2020-06-19 11:55 (-11)	141	80	65	15	36.7/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-30 14:12 (1)	148	71	70	16	35.6/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-30 16:37 (1)	159	70	63	16	35.8/ORAL CAVITY
	Day 8	2020-07-08 13:00 (9)	147	63	72	16	36.9/ORAL CAVITY
	Day 15	2020-07-13 13:29 (14)	131	83	73	14	37.1/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-29 12:10 (30)	125	81	83	15	36.7/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-29 14:26 (1)	135	81	73	15	36.2/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2051075	Day 36	2020-08-05 13:14 (8)	148	86	71	14	36.5/ORAL CAVITY
	Day 43	2020-08-12 13:00 (15)	129	77	76	15	36.3/ORAL CAVITY
	Day 57	2020-08-27 12:02 (30)	140	70	84	15	36.8/ORAL CAVITY
US2051077	Screening	2020-06-22 08:42 (-8)	119	71	64	15	36.2/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-30 10:17 (1)	144	80	88	16	37/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-30 12:23 (1)	110	75	71	16	36.3/ORAL CAVITY
	Day 8	2020-07-07 09:09 (8)	110	74	75	16	35.8/ORAL CAVITY
	Day 15	2020-07-14 09:13 (15)	124	75	76	14	37.2/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-29 14:20 (30)	110	62	70	16	36.5/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-29 15:33 (1)	110	78	66	12	36.1/ORAL CAVITY
	Day 36	2020-08-04 08:35 (7)	108	68	73	16	36.1/ORAL CAVITY
	Day 43	2020-08-11 08:36 (14)	116	76	64	14	36.5/ORAL CAVITY
	Day 57	2020-08-25 08:38 (28)	104	75	75	14	35.9/ORAL CAVITY
US2051084	Screening	2020-06-23 15:08 (-8)	132	74	59	14	36.7/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-07-01 11:20 (1)	118	65	54	14	36.7/ORAL CAVITY
	Day 1/ POST-DOSE	2020-07-01 13:23 (1)	107	67	56	16	36.7/ORAL CAVITY
	Day 8	2020-07-10 10:07 (10)	113	67	64	16	36.6/ORAL CAVITY
	Day 15	2020-07-16 14:45 (16)	120	77	61	14	36.6/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2051084	Day 29/ PRE-DOSE	2020-07-29 14:19 (29)	121	63	70	12	36.7/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-29 16:15 (1)	111	62	59	16	36.8/ORAL CAVITY
	Day 36	2020-08-05 15:37 (8)	118	66	57	15	36.8/ORAL CAVITY
	Day 43	2020-08-12 15:00 (15)	113	63	68	15	36.8/ORAL CAVITY
	Day 57	2020-09-02 14:10 (36)	120	73	67	15	36.3/ORAL CAVITY
US2051085	Screening	2020-06-24 12:55 (-8)	110	76	65	16	36.6/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-07-02 10:15 (1)	130	94	63	16	36.8/ORAL CAVITY
	Day 1/ POST-DOSE	2020-07-02 12:46 (1)	128	83	56	16	36.8/ORAL CAVITY
	Day 8	2020-07-09 09:10 (8)	105	76	64	16	36.7/ORAL CAVITY
	Day 15	2020-07-16 09:11 (15)	116	82	62	15	36.1/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-30 09:33 (29)	110	72	67	14	36.1/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-30 11:30 (1)	104	73	73	15	36.5/ORAL CAVITY
	Day 36	2020-08-07 09:10 (9)	97	63	71	12	37.2/ORAL CAVITY
	Day 43	2020-08-13 09:06 (15)	131	82	65	15	35.6/ORAL CAVITY
	Day 57	2020-09-01 09:11 (34)	115	80	64	15	35.8/ORAL CAVITY
US2051088	Screening	2020-06-25 09:49 (-5)	133	83	68	16	36.8/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-30 12:06 (1)	116	69	58	16	37/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2051088	Day 1/ POST-DOSE	2020-06-30 14:33 (1)	129	82	59	14	36/ORAL CAVITY
	Day 8	2020-07-08 09:15 (9)	121	79	69	16	36.2/ORAL CAVITY
	Day 15	2020-07-15 09:11 (16)	119	79	64	15	36.1/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-28 09:11 (29)	122	79	64	16	36.3/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-28 11:29 (1)	131	81	57	16	35.7/ORAL CAVITY
	Day 36	2020-08-04 09:24 (8)	131	77	61	18	36.5/ORAL CAVITY
	Day 43	2020-08-11 08:55 (15)	125	71	61	15	36.2/ORAL CAVITY
	Day 57	2020-08-25 09:05 (29)	110	73	73	12	36.4/ORAL CAVITY
US2051097	Screening	2020-06-29 14:39 (-7)	134	76	107	16	36.9/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-07-06 09:07 (1)	138	82	93	16	36.9/ORAL CAVITY
	Day 1/ POST-DOSE	2020-07-06 11:10 (1)	131	78	94	16	36.2/ORAL CAVITY
	Day 8	2020-07-13 09:08 (8)	136	77	91	15	36.1/ORAL CAVITY
	Day 15	2020-07-20 09:16 (15)	126	80	95	15	36.9/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-08-03 09:09 (29)	119	67	100	16	36.3/ORAL CAVITY
	Day 29/ POST-DOSE	2020-08-03 11:33 (1)	117	84	91	14	36.2/ORAL CAVITY
	Day 36	2020-08-10 09:11 (8)	143	94	62	12	36.1/ORAL CAVITY
	Day 43	2020-08-17 09:15 (15)	107	77	100	14	36.8/ORAL CAVITY
	Day 57	2020-08-31 09:08 (29)	121	87	93	15	36.5/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2051101	Screening	2020-06-30 09:26 (-6)	140	90	66	15	36.5/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-07-06 08:29 (1)	141	88	74	16	36.8/ORAL CAVITY
	Day 1/ POST-DOSE	2020-07-06 10:42 (1)	141	97	60	16	36.7/ORAL CAVITY
	Day 8	2020-07-15 08:15 (10)	160	90	69	15	36.2/ORAL CAVITY
	Day 15	2020-07-22 08:13 (17)	148	91	75	18	36.4/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-08-10 08:23 (36)	158	92	74	15	35.2/ORAL CAVITY
	Day 29/ POST-DOSE	2020-08-10 10:23 (1)	161	95	67	14	36.1/ORAL CAVITY
	Day 36	2020-08-17 08:27 (8)	135	74	73	16	36.7/ORAL CAVITY
	Day 43	2020-08-26 14:50 (17)	142	91	74	14	36.9/ORAL CAVITY
	Day 57	2020-09-10 15:05 (32)	155	93	66	16	36.2/ORAL CAVITY
US2051102	Screening	2020-07-01 08:15 (-5)	119	65	67	16	36.9/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-07-06 14:41 (1)	112	69	53	16	37/ORAL CAVITY
	Day 1/ POST-DOSE	2020-07-06 17:00 (1)	112	87	57	14	36.6/ORAL CAVITY
	Day 8	2020-07-13 07:45 (8)	106	65	62	15	36.5/ORAL CAVITY
	Day 15	2020-07-20 07:46 (15)	100	67	64	15	36.7/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-08-03 08:30 (29)	122	68	61	14	36.2/ORAL CAVITY
	Day 29/ POST-DOSE	2020-08-03 10:31 (1)	118	56	59	15	36.4/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2051102	Day 36	2020-08-10 08:14 (8)	117	66	65	15	36.6/ORAL CAVITY
	Day 43	2020-08-17 10:40 (15)	119	73	60	14	36.5/ORAL CAVITY
	Day 57	2020-08-31 08:12 (29)	117	69	55	14	36.5/ORAL CAVITY
US2051104	Screening	2020-06-30 12:05 (-7)	128	77	66	12	36.1/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-07-07 11:59 (1)	104	63	60	15	36.9/ORAL CAVITY
	Day 1/ POST-DOSE	2020-07-07 14:01 (1)	131	81	57	15	36.6/ORAL CAVITY
	Day 8	2020-07-17 12:51 (11)	136	77	55	15	36.9/ORAL CAVITY
	Day 15	2020-07-20 11:17 (14)	117	72	58	14	37.2/ORAL CAVITY
US2051106	Screening	2020-06-30 12:57 (-6)	141	78	69	16	36.8/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-07-06 10:12 (1)	136	84	64	16	36.6/ORAL CAVITY
	Day 1/ POST-DOSE	2020-07-06 12:20 (1)	141	81	63	16	36.3/ORAL CAVITY
	Day 8	2020-07-14 10:15 (9)	130	79	67	16	35.1/ORAL CAVITY
	Day 15	2020-07-21 10:12 (16)	138	78	75	12	35.7/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-08-04 10:18 (30)	135	78	75	16	36.8/ORAL CAVITY
	Day 29/ POST-DOSE	2020-08-04 12:16 (1)	143	89	61	12	36.1/ORAL CAVITY
	Day 36	2020-08-11 10:34 (8)	132	92	79	14	36.5/ORAL CAVITY
	Day 43	2020-08-18 10:09 (15)	120	86	76	12	35.7/ORAL CAVITY
	Day 57	2020-09-01 10:24 (29)	126	86	70	16	36.9/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2051108	Screening	2020-06-30 14:31 (-6)	119	71	62	12	36.8/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-07-06 13:17 (1)	127	73	66	12	36.5/ORAL CAVITY
	Day 1/ POST-DOSE	2020-07-06 15:51 (1)	128	85	58	14	36.3/ORAL CAVITY
	Day 8	2020-07-14 13:07 (9)	119	70	69	16	36.5/ORAL CAVITY
	Day 15	2020-07-23 12:58 (18)	101	67	74	16	36.4/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-08-10 13:36 (36)	116	76	65	12	36.5/ORAL CAVITY
	Day 29/ POST-DOSE	2020-08-10 15:37 (1)	119	78	57	14	36.5/ORAL CAVITY
	Day 36	2020-08-17 14:15 (8)	109	63	62	15	36.4/ORAL CAVITY
	Day 43	2020-08-25 13:53 (16)	113	73	60	14	36.9/ORAL CAVITY
	Day 57	2020-09-08 14:10 (30)	118	64	69	15	37.1/ORAL CAVITY
US2051111	Screening	2020-07-01 14:12 (-5)	115	77	70	16	36.3/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-07-06 14:50 (1)	116	75	77	16	36.6/ORAL CAVITY
	Day 1/ POST-DOSE	2020-07-06 17:03 (1)	125	82	65	16	36.2/ORAL CAVITY
	Day 8	2020-07-13 14:50 (8)	103	75	80	16	36.6/ORAL CAVITY
	Day 15	2020-07-22 14:42 (17)	96	68	70	15	36.4/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-08-04 13:54 (30)	100	62	69	12	36.7/ORAL CAVITY
	Day 29/ POST-DOSE	2020-08-04 15:55 (1)	120	77	68	15	36.5/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2051111	Day 36	2020-08-10 14:13 (7)	116	75	65	14	36.1/ORAL CAVITY
	Day 43	2020-08-24 14:45 (21)	119	75	76	12	36.7/ORAL CAVITY
	Day 57	2020-08-31 13:56 (28)	107	58	68	16	36.5/ORAL CAVITY
US2061036	Screening	2020-06-09 10:48 (-17)	138	80	74	16	36.9/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-26 10:21 (1)	108	66	73	16	37/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-26 13:05 (1)	113	66	73	16	36.5/ORAL CAVITY
	Day 8	2020-07-06 11:01 (11)	100	70	79	14	36.7/ORAL CAVITY
	Day 15	2020-07-10 09:11 (15)	120	81	70	16	36.5/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-27 10:20 (32)	108	71	71	16	36.8/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-27 13:37 (1)	107	73	73	16	36.6/ORAL CAVITY
	Day 36	2020-08-05 09:02 (10)	119	70	75	16	36.2/ORAL CAVITY
	Day 43	2020-08-10 08:10 (15)	100	75	78	16	36.2/ORAL CAVITY
	Day 57	2020-08-24 16:54 (29)	124	79	70	16	36.1/ORAL CAVITY
US2061045	Screening	2020-06-10 16:05 (-19)	130	72	63	16	35.8/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-29 15:49 (1)	139	74	71	16	36.3/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-29 17:55 (1)	123	71	62	14	36.8/ORAL CAVITY
	Day 8	2020-07-07 15:41 (9)	117	74	62	16	36.2/ORAL CAVITY
	Day 15	2020-07-14 15:22 (16)	121	71	63	16	36.5/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2061045	Day 29/ PRE-DOSE	2020-07-27 15:18 (29)	121	68	67	16	36.2/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-27 17:43 (1)	109	59	60	14	36.3/ORAL CAVITY
	Day 36	2020-08-03 15:34 (8)	117	70	65	16	36.1/ORAL CAVITY
	Day 43	2020-08-11 15:36 (16)	117	62	63	16	36.2/ORAL CAVITY
	Day 57	2020-08-20 13:40 (25)	111	63	64	16	36.6/ORAL CAVITY
US2061063	Screening	2020-06-22 13:38 (-8)	123	73	69	14	36.9/ORAL CAVITY
	Unscheduled	2020-06-24 15:33 (-6)	115	67	67	16	36.7/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-30 15:38 (1)	114	66	65	16	36.8/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-30 18:05 (1)	122	76	51	14	36.4/ORAL CAVITY
	Day 8	2020-07-08 15:22 (9)	105	68	64	16	36.3/ORAL CAVITY
	Day 15	2020-07-13 10:15 (14)	106	57	73	16	36.9/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-28 15:34 (29)	119	60	65	16	36.8/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-28 17:24 (1)	136	80	61	16	36.9/ORAL CAVITY
	Day 36	2020-08-04 15:45 (8)	124	77	66	14	37.2/ORAL CAVITY
	Day 57	2020-08-31 11:20 (35)	123	71	60	16	36.8/ORAL CAVITY
US2071006	Screening	2020-05-25 10:38 (-8)	116	78	72	14	36.8/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-02 08:44 (1)	140	80	84	14	34.8/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2071006	Day 1/ POST-DOSE	2020-06-02 11:22 (1)	138	78	78	16	36.7/ORAL CAVITY
	Day 8	2020-06-09 09:19 (8)	124	80	78	16	36.7/ORAL CAVITY
	Day 15	2020-06-16 08:10 (15)	140	74	76	14	36.5/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-01 08:25 (30)	110	74	76	14	36.4/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-01 10:29 (1)	124	76	60	12	36.8/ORAL CAVITY
	Day 36	2020-07-09 08:15 (9)	120	80	74	12	36.2/ORAL CAVITY
	Day 43	2020-07-14 08:45 (14)	140	80	72	12	36.4/ORAL CAVITY
	Day 57	2020-07-27 08:06 (27)	128	84	72	14	36.5/ORAL CAVITY
US2071013	Screening	2020-05-25 15:16 (-8)	124	80	72	16	36.4/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-02 13:12 (1)	122	84	66	14	36.5/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-02 15:31 (1)	116	80	64	14	36.2/ORAL CAVITY
	Day 8	2020-06-09 13:06 (8)	118	78	64	16	36.6/ORAL CAVITY
	Day 15	2020-06-17 13:27 (16)	140	80	88	14	36.5/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-09 14:15 (38)	126	82	68	14	36/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-09 16:15 (1)	122	86	68	14	36.2/ORAL CAVITY
	Day 36	2020-07-16 15:21 (8)	118	80	80	16	36.2/ORAL CAVITY
	Day 43	2020-07-23 13:55 (15)	114	74	68	16	36.5/ORAL CAVITY
	Day 57	2020-08-03 14:43 (26)	140	76	86	14	36.5/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2071037	Screening	2020-05-27 11:37 (-7)	126	72	74	14	36.6/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-03 09:46 (1)	118	70	74	14	36.2/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-03 12:08 (1)	128	78	72	16	35.9/ORAL CAVITY
	Day 8	2020-06-10 12:57 (8)	118	70	68	12	37.1/ORAL CAVITY
	Day 15	2020-06-15 10:12 (13)	136	86	72	14	36.7/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-07 13:14 (35)	126	76	76	14	37.2/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-07 15:03 (1)	122	72	70	14	36.6/ORAL CAVITY
	Day 36	2020-07-14 10:09 (8)	104	78	68	14	36.4/ORAL CAVITY
	Day 43	2020-07-24 10:21 (18)	118	76	68	16	36.2/ORAL CAVITY
	Day 57	2020-08-03 10:12 (28)	137	86	59	16	36.6/ORAL CAVITY
US2071043	Screening	2020-05-28 13:01 (-6)	118	72	58	16	36.8/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-03 11:57 (1)	100	76	64	12	36.5/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-03 14:07 (1)	104	80	64	16	36.1/ORAL CAVITY
	Day 8	2020-06-10 11:00 (8)	104	68	62	14	36.8/ORAL CAVITY
	Day 15	2020-06-17 11:59 (15)	104	72	64	12	36.6/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-06 10:58 (34)	108	76	66	14	35.8/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-06 13:02 (1)	110	74	64	16	36.3/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2071043	Day 36	2020-07-13 10:49 (8)	124	82	68	14	36.2/ORAL CAVITY
	Day 43	2020-07-20 10:54 (15)	112	68	76	12	37/ORAL CAVITY
	Day 57	2020-08-03 11:19 (29)	109	73	74	16	36.3/ORAL CAVITY
US2071082	Screening	2020-06-15 08:44 (-11)	124	82	76	16	36.4/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-26 14:42 (1)	120	68	68	12	36.7/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-26 16:43 (1)	120	78	60	16	36.4/ORAL CAVITY
	Day 8	2020-07-06 09:56 (11)	124	84	72	16	36.5/ORAL CAVITY
	Day 15	2020-07-09 08:08 (14)	120	82	74	16	36.8/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-28 09:02 (33)	110	72	60	12	36.3/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-28 11:02 (1)	112	70	60	12	36.8/ORAL CAVITY
	Day 36	2020-08-05 10:34 (9)	118	72	60	12	37.2/ORAL CAVITY
	Day 43	2020-08-11 08:13 (15)	121	73	59	12	36.7/ORAL CAVITY
	Day 57	2020-08-26 11:18 (30)	120	78	74	14	36.8/ORAL CAVITY
US2071087	Screening	2020-06-18 12:05 (-8)	118	78	76	14	36.3/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-26 11:06 (1)	118	72	66	14	37.2/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-26 13:21 (1)	102	64	86	12	36.9/ORAL CAVITY
	Day 8	2020-07-06 10:08 (11)	118	68	60	14	36.3/ORAL CAVITY
	Day 15	2020-07-10 13:05 (15)	118	80	76	14	36.8/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2071087	Day 29/ PRE-DOSE	2020-07-30 10:10 (35)	140	80	84	14	37.4/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-30 12:07 (1)	138	76	80	14	36.5/ORAL CAVITY
	Day 36	2020-08-07 09:57 (9)	116	74	82	12	36.9/ORAL CAVITY
	Day 43	2020-08-14 09:56 (16)	105	69	76	12	37.1/ORAL CAVITY
	Day 57	2020-08-28 10:02 (30)	109	62	69	12	36.7/ORAL CAVITY
US2071089	Screening	2020-06-18 11:28 (-8)	112	70	64	14	36.7/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-26 08:12 (1)	128	82	76	14	37/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-26 10:42 (1)	124	68	62	16	36.8/ORAL CAVITY
	Day 8	2020-07-06 08:18 (11)	118	60	68	16	36.8/ORAL CAVITY
	Day 15	2020-07-10 10:52 (15)	130	78	76	14	36.3/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-29 15:57 (34)	110	78	62	14	36.1/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-29 17:32 (1)	118	82	78	16	36.4/ORAL CAVITY
	Day 36	2020-08-06 09:09 (9)	118	76	68	14	37/ORAL CAVITY
	Day 43	2020-08-13 09:06 (16)	143	86		14	36.4/ORAL CAVITY
	Day 57	2020-08-27 10:12 (30)	130	78	68	12	36.7/ORAL CAVITY
US2071091	Screening	2020-06-19 09:39 (-7)	118	82	62	14	36.3/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-26 09:44 (1)	120	78	64	14	36.7/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2071091	Day 1/ POST-DOSE	2020-06-26 12:01 (1)	124	72	70	16	36.6/ORAL CAVITY
	Day 8	2020-07-06 13:33 (11)	138	78	88	14	36.9/ORAL CAVITY
	Day 15	2020-07-10 10:19 (15)	110	78	76	14	36.4/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-27 10:47 (32)	110	78	80	14	36.6/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-27 12:25 (1)	124	80	86	12	36.6/ORAL CAVITY
	Day 36	2020-08-04 09:29 (9)	122	80	72	14	36.2/ORAL CAVITY
	Day 43	2020-08-07 09:56 (12)	120	80	68	16	36.6/ORAL CAVITY
	Day 57	2020-08-21 09:36 (26)	126	81	79	14	36.8/ORAL CAVITY
US2071093	Screening	2020-06-22 08:26 (-7)	118	78	74	16	36.4/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-29 09:10 (1)	118	78	66	16	36.4/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-29 11:33 (1)	122	80	70	16	36.4/ORAL CAVITY
	Day 8	2020-07-08 08:40 (10)	118	70	68	14	36.4/ORAL CAVITY
	Day 15	2020-07-15 08:59 (17)	110	72	76	12	36.3/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-29 09:31 (31)	110	72	76	12	36.9/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-29 11:31 (1)	118	78	64	12	36.6/ORAL CAVITY
	Day 36	2020-08-07 09:27 (10)	113	66	76	12	37.1/ORAL CAVITY
	Day 43	2020-08-12 10:15 (15)	110	76	74	12	36.9/ORAL CAVITY
	Day 57	2020-09-01 10:15 (35)	110	71	62	14	36.5/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2071095	Screening	2020-06-23 14:15 (-6)	118	74	68	16	36.7/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-29 09:44 (1)	110	70	68	12	36.6/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-29 12:06 (1)	110	74	70	12	35.8/ORAL CAVITY
	Day 8	2020-07-07 09:14 (9)	108	70	76	12	36.1/ORAL CAVITY
	Day 15	2020-07-13 09:40 (15)	100	68	74	16	36.4/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-28 10:06 (30)	104	62	66	14	37.4/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-28 11:42 (1)	102	68	64	12	37.3/ORAL CAVITY
	Day 36	2020-08-04 10:36 (8)	110	68	80	12	36.9/ORAL CAVITY
	Day 43	2020-08-10 10:53 (14)	110	73	69	16	37.1/ORAL CAVITY
	Day 57	2020-08-25 14:05 (29)	108	66	81	14	37.2/ORAL CAVITY
US2071096	Screening	2020-06-24 10:26 (-8)	112	68	70	14	36.8/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-07-02 15:16 (1)	122	84	70	14	36.2/ORAL CAVITY
	Day 1/ POST-DOSE	2020-07-02 16:55 (1)	118	76	74	14	36.4/ORAL CAVITY
	Day 8	2020-07-10 15:01 (9)	138	78	78	14	36.6/ORAL CAVITY
	Day 15	2020-07-17 10:32 (16)	108	72	64	16	36.8/ORAL CAVITY
	Day 36	2020-08-14 11:41 (10)	122	80	83	16	36.4/ORAL CAVITY
	Day 43	2020-08-21 11:09 (17)	127	78	85	16	37.2/ORAL CAVITY
	Day 57	2020-09-04 10:19 (31)	133	86	89	16	36.8/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2081001	Screening	2020-05-26 09:54 (-3)	134	89	66	14	36.9/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-05-29 09:00 (1)	135	88	74	17	37/ORAL CAVITY
	Day 1/ POST-DOSE	2020-05-29 12:06 (1)	133	90	58	20	36.7/ORAL CAVITY
	Day 8	2020-06-08 08:10 (11)	123	89	63	16	36.7/ORAL CAVITY
	Day 15	2020-06-15 08:07 (18)	140	86	73	17	37.1/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-06-24 07:35 (27)	128	83	67	17	36.8/ORAL CAVITY
	Day 29/ POST-DOSE	2020-06-24 09:24 (1)	137	82	79	17	36.8/ORAL CAVITY
	Day 36	2020-07-01 08:08 (8)	128	83	67	16	36.6/ORAL CAVITY
	Day 43	2020-07-08 07:08 (15)	126	86	74	16	36.8/ORAL CAVITY
	Day 57	2020-07-23 08:45 (30)	116	80	66	17	36.7/ORAL CAVITY
US2081002	Screening	2020-05-26 09:46 (-3)	124	73	54	14	36.8/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-05-29 09:08 (1)	140	79	57	19	37.1/ORAL CAVITY
	Day 1/ POST-DOSE	2020-05-29 11:55 (1)	138	79	84	18	36.8/ORAL CAVITY
	Day 8	2020-06-08 09:05 (11)	122	82	68	16	36.9/ORAL CAVITY
	Day 15	2020-06-15 09:01 (18)	133	79	64	17	37.1/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-06-25 08:25 (28)	133	69	69	17	36.8/ORAL CAVITY
	Day 29/ POST-DOSE	2020-06-25 10:12 (1)	122	71	56	17	36.6/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2081002	Day 36	2020-07-02 12:53 (8)	123	72	55	14	37.1/ORAL CAVITY
	Day 43	2020-07-09 11:00 (15)	122	78	60	12	36.6/ORAL CAVITY
	Day 57	2020-07-24 09:55 (30)	124	78	60	17	36.9/ORAL CAVITY
US2081014	Screening	2020-05-27 13:51 (-5)	138	78	78	20	36.8/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-01 13:30 (1)	138	78	78	19	36.7/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-01 15:08 (1)	138	70	60	17	36.7/ORAL CAVITY
	Day 8	2020-06-08 13:08 (8)	140	82	66	18	36.7/ORAL CAVITY
	Day 15	2020-06-15 13:06 (15)	130	64	77	17	36.7/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-06-30 09:15 (30)	110	70	67	18	36.7/ORAL CAVITY
	Day 29/ POST-DOSE	2020-06-30 11:18 (1)	135	75	54	16	36.7/ORAL CAVITY
	Day 36	2020-07-08 09:05 (9)	140	84	66	18	36.7/ORAL CAVITY
	Day 43	2020-07-16 09:05 (17)	118	72	71	17	36.6/ORAL CAVITY
	Day 57	2020-07-28 09:05 (29)	147	89	59	19	36.6/ORAL CAVITY
US2081016	Screening	2020-05-27 15:35 (-5)	125	76	63	17	37/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-01 11:40 (1)	125	76	63	17	36.7/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-01 13:25 (1)	103	69	56	17	36.5/ORAL CAVITY
	Day 8	2020-06-08 12:09 (8)	117	70	63	12	36.4/ORAL CAVITY
	Day 15	2020-06-15 12:20 (15)	110	70	68	17	36.5/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2081016	Day 29/ PRE-DOSE	2020-06-29 13:15 (29)	102	65	71	18	36.3/ORAL CAVITY
	Day 29/ POST-DOSE	2020-06-29 15:13 (1)	96	67	63	17	36.3/ORAL CAVITY
	Day 36	2020-07-06 14:07 (8)	112	65	60	14	36.7/ORAL CAVITY
	Day 43	2020-07-14 14:10 (16)	101	68	67	14	36.6/ORAL CAVITY
	Day 57	2020-07-28 11:05 (30)	109	68	54	17	36.6/ORAL CAVITY
US2081019	Screening	2020-05-28 09:38 (-5)	146	82	56	17	36.8/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-02 09:36 (1)	146	82	56	19	36.7/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-02 11:36 (1)	138	64	64	18	37/ORAL CAVITY
	Day 8	2020-06-08 12:16 (7)	112	68	78	16	36.4/ORAL CAVITY
	Day 15	2020-06-15 09:13 (14)	132	85	79	17	37.1/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-06-30 09:07 (29)	112	72	56	17	36.6/ORAL CAVITY
	Day 29/ POST-DOSE	2020-06-30 11:42 (1)	118	64	68	18	36.6/ORAL CAVITY
	Day 36	2020-07-08 13:18 (9)	103	65	76	16	36.6/ORAL CAVITY
	Day 43	2020-07-15 13:10 (16)	104	62	62	17	36.5/ORAL CAVITY
	Day 57	2020-07-28 10:00 (29)	110	68	56	17	36.6/ORAL CAVITY
US2081035	Screening	2020-05-29 13:33 (-4)	123	90	95	16	36.8/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-02 12:01 (1)	123	90	76	17	36.7/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2081035	Day 1/ POST-DOSE	2020-06-02 14:00 (1)	123	90	90	16	36.4/ORAL CAVITY
	Day 8	2020-06-08 08:59 (7)	109	71	86	18	36.7/ORAL CAVITY
	Day 15	2020-06-15 11:03 (14)	122	72	72	17	36.7/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-01 11:05 (30)	95	59	73	17	36.7/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-01 13:05 (1)	117	76	57	18	36.7/ORAL CAVITY
	Day 36	2020-07-09 09:39 (9)	115	76	73	16	36.7/ORAL CAVITY
	Day 43	2020-07-16 07:40 (16)	103	73	68	17	36.7/ORAL CAVITY
	Day 57	2020-07-28 07:35 (28)	119	64	68	17	36.5/ORAL CAVITY
US2081069	Screening	2020-06-11 15:08 (-15)	119	75	75	17	36.7/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-26 14:07 (1)	132	78	80	17	36.7/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-26 15:59 (1)	128	83	63	18	36.7/ORAL CAVITY
	Day 8	2020-07-03 11:32 (8)	124	80	80	16	36.8/ORAL CAVITY
	Day 15	2020-07-13 14:10 (18)	131	75	62	17	36.8/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-24 13:15 (29)	104	59	75	17	37/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-24 15:16 (1)	115	70	64	16	37/ORAL CAVITY
	Day 36	2020-08-03 14:10 (11)	124	70	70	16	37/ORAL CAVITY
	Day 43	2020-08-10 14:06 (18)	126	84	78	14	36.7/ORAL CAVITY
	Day 57	2020-08-24 14:18 (32)	109	72	69	14	36.8/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2081072	Screening	2020-06-15 09:21 (-11)	133	88	75	16	36.7/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-26 09:05 (1)	149	80	67	17	36.6/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-26 10:55 (1)	140	83	56	17	36.5/ORAL CAVITY
	Day 8	2020-07-03 10:05 (8)	130	80	60	18	36.6/ORAL CAVITY
	Day 15	2020-07-13 09:55 (18)	125	86	64	17	36.7/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-24 11:00 (29)	139	83	68	17	36.7/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-24 12:49 (1)	130	81	68	17	36.4/ORAL CAVITY
	Day 36	2020-08-03 12:01 (11)	136	95	64	17	36.6/ORAL CAVITY
	Day 43	2020-08-10 09:14 (18)	132	82	64	17	36.4/ORAL CAVITY
	Day 57	2020-08-21 10:14 (29)	118	82	62	14	36.9/ORAL CAVITY
US2081075	Screening	2020-06-15 13:23 (-15)	128	84	68	14	37/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-30 13:13 (1)	126	87	59	14	36.9/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-30 15:11 (1)	130	81	53	14	36.7/ORAL CAVITY
	Day 8	2020-07-08 14:06 (9)	145	86	68	14	36.8/ORAL CAVITY
	Day 15	2020-07-15 09:00 (16)	133	86	73	17	36.8/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-29 09:15 (30)	129	84	62	18	36.7/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-29 10:57 (1)	132	93	57	12	36.7/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2081075	Day 36	2020-08-05 11:16 (8)	128	88	56	12	36.6/ORAL CAVITY
	Day 43	2020-08-12 11:05 (15)	133	80	68	17	36.8/ORAL CAVITY
	Day 57	2020-08-26 10:19 (29)	131	85	69	16	37.1/ORAL CAVITY
US2081076	Screening	2020-06-16 12:04 (-15)	111	73	57	17	36.7/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-07-01 09:06 (1)	100	68	52	17	36.4/ORAL CAVITY
	Day 1/ POST-DOSE	2020-07-01 11:00 (1)	110	73	56	14	36.8/ORAL CAVITY
	Day 8	2020-07-09 13:05 (9)	108	76	68	18	36.5/ORAL CAVITY
	Day 15	2020-07-16 12:10 (16)	115	80	56	17	36.7/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-08-05 13:05 (36)	112	72	78	17	36.8/ORAL CAVITY
	Day 29/ POST-DOSE	2020-08-05 15:34 (1)	124	80	50	16	36.7/ORAL CAVITY
	Day 36	2020-08-12 15:03 (8)	126	71	61	16	37.1/ORAL CAVITY
	Day 43	2020-08-20 15:15 (16)	127	76	61	16	36.7/ORAL CAVITY
	Day 57	2020-09-03 15:00 (30)	115	83	57	12	36.6/ORAL CAVITY
US2081081	Screening	2020-06-17 10:09 (-12)	136	86	72	17	36.9/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-29 10:10 (1)	136	80	56	17	36.7/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-29 11:50 (1)	132	80	56	17	36.9/ORAL CAVITY
	Day 8	2020-07-06 10:58 (8)	126	74	62	17	36.8/ORAL CAVITY
	Day 15	2020-07-15 08:55 (17)	128	88	68	18	36.8/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2081081	Day 29/ PRE-DOSE	2020-07-29 09:14 (31)	132	88	84	14	37.1/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-29 11:19 (1)	122	84	80	16	37.1/ORAL CAVITY
	Day 36	2020-08-06 09:57 (9)	146	76	88	16	36.6/ORAL CAVITY
	Day 43	2020-08-13 09:01 (16)	132	84	60	18	36.8/ORAL CAVITY
	Day 57	2020-08-27 10:13 (30)	128	84	88	18	36.7/ORAL CAVITY
US2081088	Screening	2020-06-18 13:40 (-14)	122	74	58	17	37/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-07-02 09:00 (1)	135	73	54	14	36.7/ORAL CAVITY
	Day 1/ POST-DOSE	2020-07-02 11:13 (1)	137	78	47	14	36.9/ORAL CAVITY
	Day 8	2020-07-09 07:12 (8)	125	80	51	14	36.7/ORAL CAVITY
	Day 15	2020-07-17 08:05 (16)	129	81	58	17	36.7/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-08-03 07:13 (33)	106	77	55	17	36.6/ORAL CAVITY
	Day 29/ POST-DOSE	2020-08-03 08:59 (1)	114	71	56	18	36.8/ORAL CAVITY
	Day 36	2020-08-10 08:20 (8)	126	80	58	17	36.2/ORAL CAVITY
	Day 43	2020-08-17 11:41 (15)	132	81	61	14	36.8/ORAL CAVITY
	Day 57	2020-08-31 10:10 (29)	112	77	52	12	36.8/ORAL CAVITY
US2081091	Screening	2020-06-19 09:04 (-14)	118	72	60	19	36.4/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-07-03 07:05 (1)	122	83	69	17	36.7/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2081091	Day 1/ POST-DOSE	2020-07-03 08:53 (1)	129	91	58	18	36.9/ORAL CAVITY
	Day 8	2020-07-13 07:01 (11)	125	84	60	14	36.6/ORAL CAVITY
	Day 15	2020-07-20 07:00 (18)	112	71	65	17	36.9/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-08-03 09:10 (32)	125	71	68	17	36.7/ORAL CAVITY
	Day 29/ POST-DOSE	2020-08-03 11:00 (1)	126	78	56	17	36.6/ORAL CAVITY
	Day 36	2020-08-10 08:36 (8)	126	70	68	18	36.6/ORAL CAVITY
	Day 43	2020-08-17 15:01 (15)	132	88	64	18	36.7/ORAL CAVITY
	Day 57	2020-08-31 15:07 (29)	135	80	65	16	36.8/ORAL CAVITY
US2081093	Screening	2020-06-19 12:10 (-13)	138	84	62	18	36.7/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-07-02 11:05 (1)	100	78	56	16	36.7/ORAL CAVITY
	Day 1/ POST-DOSE	2020-07-02 12:53 (1)	133	86	80	16	36.8/ORAL CAVITY
	Day 8	2020-07-09 11:09 (8)	138	86	98	18	36.8/ORAL CAVITY
	Day 15	2020-07-17 10:14 (16)	150	94	85	18	36.7/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-08-03 11:15 (33)	114	79	76	17	36.6/ORAL CAVITY
	Day 29/ POST-DOSE	2020-08-03 13:16 (1)	118	73	71	18	36.8/ORAL CAVITY
	Day 36	2020-08-11 11:15 (9)	122	78	62	17	36.6/ORAL CAVITY
	Day 43	2020-08-19 13:15 (17)	126	78	60	15	36.3/ORAL CAVITY
	Day 57	2020-09-01 11:12 (30)	139	83	80	18	37/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2081099	Screening	2020-06-22 10:51 (-4)	123	76	66	17	36.7/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-26 07:04 (1)	112	68	62	17	36.6/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-26 09:51 (1)	106	70	56	18	36.7/ORAL CAVITY
	Day 8	2020-07-06 15:06 (11)	111	71	71	18	36.6/ORAL CAVITY
	Day 15	2020-07-13 09:06 (18)	111	67	83	20	36.7/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-29 07:14 (34)	121	73	67	17	36.8/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-29 09:05 (1)	114	76	61	16	36.7/ORAL CAVITY
	Day 36	2020-08-06 09:08 (9)	118	80	68	14	36.4/ORAL CAVITY
	Day 43	2020-08-14 13:10 (17)	113	55	84	17	36.7/ORAL CAVITY
	Day 57	2020-08-26 09:20 (29)	117	72	78	12	36.6/ORAL CAVITY
US2081108	Screening	2020-06-23 13:35 (-10)	137	84	68	18	37.1/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-07-03 09:10 (1)	110	68	52	17	36.8/ORAL CAVITY
	Day 1/ POST-DOSE	2020-07-03 10:24 (1)	128	87	60	16	36.7/ORAL CAVITY
	Day 8	2020-07-09 08:14 (7)	136	88	66	16	36.6/ORAL CAVITY
	Day 15	2020-07-20 11:30 (18)	126	78	56	17	36.9/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-31 11:00 (29)	122	83	71	17	36.6/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-31 13:10 (1)	135	72	60	14	36.8/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2081108	Day 36	2020-08-07 11:16 (8)	124	84	70	16	36.2/ORAL CAVITY
	Day 43	2020-08-17 14:25 (18)	131	77	80	16	36.9/ORAL CAVITY
	Day 57	2020-08-28 14:27 (29)	106	73	70	16	36.9/ORAL CAVITY
US2081116	Screening	2020-06-24 10:45 (-5)	128	80	68	17	36.8/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-06-29 14:07 (1)	120	78	58	17	37.1/ORAL CAVITY
	Day 1/ POST-DOSE	2020-06-29 16:09 (1)	134	88	71	17	36.7/ORAL CAVITY
	Day 15	2020-07-15 10:05 (17)	120	72	68	17	37.1/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-29 11:18 (31)	108	64	80	16	36.9/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-29 13:10 (1)	118	72	60	17	36.7/ORAL CAVITY
	Day 36	2020-08-05 12:10 (8)	114	72	64	18	36.8/ORAL CAVITY
	Day 43	2020-08-13 11:13 (16)	110	70	68	18	36.9/ORAL CAVITY
	Day 57	2020-08-27 11:20 (30)	118	72	64	18	36.4/ORAL CAVITY
US2081117	Screening	2020-06-24 12:00 (-12)	139	90	78	17	37.2/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-07-06 13:04 (1)	134	93	95	18	36.9/ORAL CAVITY
	Day 1/ POST-DOSE	2020-07-06 14:47 (1)	142	88	82	16	36.8/ORAL CAVITY
	Day 8	2020-07-14 11:07 (9)	113	74	83	14	36.7/ORAL CAVITY
	Day 15	2020-07-21 11:00 (16)	144	80	80	17	36.4/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2081117	Day 29/ PRE-DOSE	2020-08-11 14:05 (37)	117	70	68	17	36.6/ORAL CAVITY
	Day 29/ POST-DOSE	2020-08-11 16:30 (1)	134	87	68	18	36.7/ORAL CAVITY
	Day 36	2020-08-18 08:44 (8)	120	77	88	18	36.9/ORAL CAVITY
	Day 43	2020-08-25 11:05 (15)	118	83	98	16	36.7/ORAL CAVITY
	Day 57	2020-09-08 11:06 (29)	122	77	78	16	36.9/ORAL CAVITY
US2081120	Screening	2020-06-24 13:25 (-7)	124	76	64	14	36.5/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-07-01 15:05 (1)	118	80	64	17	36.6/ORAL CAVITY
	Day 1/ POST-DOSE	2020-07-01 16:45 (1)	142	82	63	16	36.6/ORAL CAVITY
	Day 8	2020-07-09 12:58 (9)	129	80	67	18	36.7/ORAL CAVITY
	Day 15	2020-07-16 10:55 (16)	122	82	69	17	36.6/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-07-29 13:00 (29)	123	79	67	18	36.6/ORAL CAVITY
	Day 29/ POST-DOSE	2020-07-29 15:04 (1)	140	88	63	14	36.6/ORAL CAVITY
	Day 36	2020-08-05 14:10 (8)	129	83	61	18	36.6/ORAL CAVITY
	Day 43	2020-08-12 13:03 (15)	129	84	64	17	36.8/ORAL CAVITY
	Day 57	2020-08-26 11:07 (29)	136	78	61	12	36.6/ORAL CAVITY
US2081121	Screening	2020-06-24 15:34 (-12)	126	82	61	17	37.3/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-07-06 09:05 (1)	140	88	68	17	36.7/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.1
Vital Sign Measurements
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Visit/ Time Point	Date of Assessment (Relative Day)	Systolic BP (mmHg)	Diastolic BP (mmHg)	Pulse (beats/min)	Respiratory Rate (breaths/min)	Temperature (C)/ Route of Measurement
US2081121	Day 1/ POST-DOSE	2020-07-06 10:54 (1)	142	77	52	18	36.7/ORAL CAVITY
	Day 8	2020-07-13 13:09 (8)	138	80	62	18	36.6/ORAL CAVITY
	Day 15	2020-07-17 09:05 (12)	128	70	73	18	36.6/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-08-10 11:27 (36)	142	83	66	16	36.8/ORAL CAVITY
	Day 29/ POST-DOSE	2020-08-10 14:00 (1)	168	97	51	12	36.6/ORAL CAVITY
	Day 36	2020-08-17 09:17 (8)	124	74	74	18	36.6/ORAL CAVITY
	Day 43	2020-08-24 12:01 (15)	146	78	60	14	36.6/ORAL CAVITY
	Day 57	2020-09-04 13:04 (26)	128	73	66	16	36.9/ORAL CAVITY
US2081129	Screening	2020-06-25 15:15 (-7)	129	68	74	17	37.2/ORAL CAVITY
	Day 1/ PRE-DOSE	2020-07-02 15:05 (1)	120	78	52	18	36.9/ORAL CAVITY
	Day 1/ POST-DOSE	2020-07-02 16:55 (1)	119	82	68	16	36.9/ORAL CAVITY
	Day 8	2020-07-08 15:02 (7)	119	86	62	16	36.8/ORAL CAVITY
	Day 15	2020-07-17 10:39 (16)	115	86	75	14	36.9/ORAL CAVITY
	Day 29/ PRE-DOSE	2020-08-03 13:27 (33)	127	88	68	14	36.7/ORAL CAVITY
	Day 29/ POST-DOSE	2020-08-03 15:05 (1)	118	83	59	17	37/ORAL CAVITY
	Day 36	2020-08-10 13:04 (8)	132	86	74	15	36.7/ORAL CAVITY
	Day 43	2020-08-24 13:07 (22)	117	75	85	16	35.3/ORAL CAVITY
	Day 57	2020-08-31 13:09 (29)	121	86	69	18	36.8/ORAL CAVITY

Relative day is defined as days from the most recent injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020901.sas 19NOV2020 01:53 Database Lock Date: 05NOV2020

Listing 16.2.9.2

Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)

Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2011070	Body Mass Index (kg/m2)	Screening	2020-05-28 12:56 (-8)	Yes	27.7
		Day 57	2020-08-06 10:55 (32)		28
	Diastolic Blood Pressure (mmHg)	Screening	2020-05-28 12:56 (-8)		87
		Day 1/ PRE-DOSE	2020-06-05 07:48 (1)	Yes	87
		Day 1/ POST-DOSE	2020-06-05 10:02 (1)		76
		Day 15	2020-06-22 10:55 (18)		85
		Day 29/ PRE-DOSE	2020-07-06 11:00 (32)		79
		Day 29/ POST-DOSE	2020-07-06 13:27 (1)		86
		Day 36	2020-07-14 10:50 (9)		86
		Day 43	2020-07-20 10:42 (15)		89
		Day 57	2020-08-06 10:55 (32)		88
	Height (cm)	Screening	2020-05-28 12:56 (-8)		157.5
		Day 1/ PRE-DOSE	2020-06-05 07:48 (1)	Yes	157.5
		Day 1/ POST-DOSE	2020-06-05 10:02 (1)		157.5
		Day 29/ PRE-DOSE	2020-07-06 11:00 (32)		157.5

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2

Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)

Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2011070	Height (cm)	Day 29/ POST-DOSE	2020-07-06 13:27 (1)		157.5
		Day 57	2020-08-06 10:55 (32)		158.8
	Pulse Rate (beats/min)	Screening	2020-05-28 12:56 (-8)		76
		Day 1/ PRE-DOSE	2020-06-05 07:48 (1)	Yes	78
		Day 1/ POST-DOSE	2020-06-05 10:02 (1)		70
		Day 15	2020-06-22 10:55 (18)		78
		Day 29/ PRE-DOSE	2020-07-06 11:00 (32)		86
		Day 29/ POST-DOSE	2020-07-06 13:27 (1)		71
		Day 36	2020-07-14 10:50 (9)		59
		Day 43	2020-07-20 10:42 (15)		99
		Day 57	2020-08-06 10:55 (32)		82
	Respiratory Rate (breaths/min)	Screening	2020-05-28 12:56 (-8)		16
		Day 1/ PRE-DOSE	2020-06-05 07:48 (1)	Yes	16
		Day 1/ POST-DOSE	2020-06-05 10:02 (1)		14
		Day 15	2020-06-22 10:55 (18)		14

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2

Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)

Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2011070	Respiratory Rate (breaths/min)	Day 29/ PRE-DOSE	2020-07-06 11:00 (32)		16
		Day 29/ POST-DOSE	2020-07-06 13:27 (1)		16
		Day 36	2020-07-14 10:50 (9)		14
		Day 43	2020-07-20 10:42 (15)		14
		Day 57	2020-08-06 10:55 (32)		16
	Systolic Blood Pressure (mmHg)	Screening	2020-05-28 12:56 (-8)		146 G1 Systolic Hypertension
		Day 1/ PRE-DOSE	2020-06-05 07:48 (1)	Yes	124
		Day 1/ POST-DOSE	2020-06-05 10:02 (1)		147 G1 Systolic Hypertension
		Day 15	2020-06-22 10:55 (18)		135
		Day 29/ PRE-DOSE	2020-07-06 11:00 (32)		145 G1 Systolic Hypertension
		Day 29/ POST-DOSE	2020-07-06 13:27 (1)		141 G1 Systolic Hypertension
		Day 36	2020-07-14 10:50 (9)		140
		Day 43	2020-07-20 10:42 (15)		178 G3 Systolic Hypertension
		Day 57	2020-08-06 10:55 (32)		138
	Temperature (C)	Screening	2020-05-28 12:56 (-8)		37.1

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2

Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)

Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2011070	Temperature (C)	Day 1/ PRE-DOSE	2020-06-05 07:48 (1)	Yes	36.8
		Day 1/ POST-DOSE	2020-06-05 10:02 (1)		36.8
		Day 15	2020-06-22 10:55 (18)		36.9
		Day 29/ PRE-DOSE	2020-07-06 11:00 (32)		37.1
		Day 29/ POST-DOSE	2020-07-06 13:27 (1)		36.9
		Day 36	2020-07-14 10:50 (9)		36.8
		Day 43	2020-07-20 10:42 (15)		37.1
		Day 57	2020-08-06 10:55 (32)		36.8
	Weight (kg)	Screening	2020-05-28 12:56 (-8)		68.6
		Day 1/ PRE-DOSE	2020-06-05 07:48 (1)	Yes	69.5
		Day 1/ POST-DOSE	2020-06-05 10:02 (1)		69.5
		Day 29/ PRE-DOSE	2020-07-06 11:00 (32)		72.2
		Day 29/ POST-DOSE	2020-07-06 13:27 (1)		72.2
		Day 57	2020-08-06 10:55 (32)		70.7

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2011086	Body Mass Index (kg/m2)	Screening	2020-05-29 16:33 (-4)	Yes	24.3
		Day 57	2020-07-27 10:00 (28)		25.2
	Diastolic Blood Pressure (mmHg)	Screening	2020-05-29 16:33 (-4)		65
		Day 1/ PRE-DOSE	2020-06-02 09:21 (1)	Yes	68
		Day 1/ POST-DOSE	2020-06-02 11:28 (1)		59
		Day 8	2020-06-09 14:07 (8)		66
		Day 15	2020-06-16 13:32 (15)		67
		Day 29/ PRE-DOSE	2020-06-30 09:25 (29)		52
		Day 29/ POST-DOSE	2020-06-30 11:49 (1)		62
		Day 36	2020-07-07 15:09 (8)		69
		Day 43	2020-07-13 09:06 (14)		68
		Day 57	2020-07-27 10:00 (28)		57
	Height (cm)	Screening	2020-05-29 16:33 (-4)		170.2
		Day 1/ PRE-DOSE	2020-06-02 09:21 (1)	Yes	167.6
		Day 1/ POST-DOSE	2020-06-02 11:28 (1)		167.6
		Day 29/ PRE-DOSE	2020-06-30 09:25 (29)		168.9

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2011086	Height (cm)	Day 29/ POST-DOSE	2020-06-30 11:49 (1)		168.9
		Day 57	2020-07-27 10:00 (28)		168.9
	Pulse Rate (beats/min)	Screening	2020-05-29 16:33 (-4)		62
		Day 1/ PRE-DOSE	2020-06-02 09:21 (1)	Yes	62
		Day 1/ POST-DOSE	2020-06-02 11:28 (1)		52 G1 Bradycardia
		Day 8	2020-06-09 14:07 (8)		63
		Day 15	2020-06-16 13:32 (15)		52 G1 Bradycardia
		Day 29/ PRE-DOSE	2020-06-30 09:25 (29)		60
		Day 29/ POST-DOSE	2020-06-30 11:49 (1)		58
		Day 36	2020-07-07 15:09 (8)		60
		Day 43	2020-07-13 09:06 (14)		55
		Day 57	2020-07-27 10:00 (28)		48 G2 Bradycardia
	Respiratory Rate (breaths/min)	Screening	2020-05-29 16:33 (-4)		16
		Day 1/ PRE-DOSE	2020-06-02 09:21 (1)	Yes	16
		Day 1/ POST-DOSE	2020-06-02 11:28 (1)		16
		Day 8	2020-06-09 14:07 (8)		14

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2011086	Respiratory Rate (breaths/min)	Day 15	2020-06-16 13:32 (15)		14
		Day 29/ PRE-DOSE	2020-06-30 09:25 (29)		14
		Day 29/ POST-DOSE	2020-06-30 11:49 (1)		14
		Day 36	2020-07-07 15:09 (8)		16
		Day 43	2020-07-13 09:06 (14)		16
		Day 57	2020-07-27 10:00 (28)		14
	Systolic Blood Pressure (mmHg)	Screening	2020-05-29 16:33 (-4)		109
		Day 1/ PRE-DOSE	2020-06-02 09:21 (1)	Yes	118
		Day 1/ POST-DOSE	2020-06-02 11:28 (1)		100
		Day 8	2020-06-09 14:07 (8)		110
		Day 15	2020-06-16 13:32 (15)		127
		Day 29/ PRE-DOSE	2020-06-30 09:25 (29)		100
		Day 29/ POST-DOSE	2020-06-30 11:49 (1)		92
		Day 36	2020-07-07 15:09 (8)		105
		Day 43	2020-07-13 09:06 (14)		108
		Day 57	2020-07-27 10:00 (28)		149 G1 Systolic Hypertension

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2

Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)

Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2011086	Temperature (C)	Screening	2020-05-29 16:33 (-4)		36.7
		Day 1/ PRE-DOSE	2020-06-02 09:21 (1)	Yes	36.8
		Day 1/ POST-DOSE	2020-06-02 11:28 (1)		36.8
		Day 8	2020-06-09 14:07 (8)		36.8
		Day 15	2020-06-16 13:32 (15)		36.9
		Day 29/ PRE-DOSE	2020-06-30 09:25 (29)		36.6
		Day 29/ POST-DOSE	2020-06-30 11:49 (1)		37
		Day 36	2020-07-07 15:09 (8)		36.7
		Day 43	2020-07-13 09:06 (14)		36.6
		Day 57	2020-07-27 10:00 (28)		36.4
	Weight (kg)	Screening	2020-05-29 16:33 (-4)		70.5
		Day 1/ PRE-DOSE	2020-06-02 09:21 (1)	Yes	62.3
		Day 1/ POST-DOSE	2020-06-02 11:28 (1)		62.3
		Day 29/ PRE-DOSE	2020-06-30 09:25 (29)		71.3
		Day 29/ POST-DOSE	2020-06-30 11:49 (1)		71.3

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2

Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)

Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2011086	Weight (kg)	Day 57	2020-07-27 10:00 (28)		71.9
US2021061	Body Mass Index (kg/m2)	Screening	2020-05-27 14:15 (-6)	Yes	25.5
		Day 57	2020-07-27 11:21 (28)		26
	Diastolic Blood Pressure (mmHg)	Screening	2020-05-27 14:15 (-6)		78
		Day 1/ PRE-DOSE	2020-06-02 09:40 (1)	Yes	76
		Day 1/ POST-DOSE	2020-06-02 11:50 (1)		86
		Day 8	2020-06-09 09:32 (8)		82
		Day 15	2020-06-15 09:44 (14)		78
		Day 29/ PRE-DOSE	2020-06-30 09:20 (29)		78
		Day 29/ POST-DOSE	2020-06-30 11:10 (1)		87
		Day 36	2020-07-07 13:16 (8)		69
		Day 43	2020-07-13 13:30 (14)		81
		Day 57	2020-07-27 11:21 (28)		67
	Height (cm)	Screening	2020-05-27 14:15 (-6)		167.5
		Day 1/ PRE-DOSE	2020-06-02 09:40 (1)	Yes	167.5
		Day 1/ POST-DOSE	2020-06-02 11:50 (1)		167.5

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2021061	Height (cm)	Day 29/ PRE-DOSE	2020-06-30 09:20 (29)		167.5
		Day 29/ POST-DOSE	2020-06-30 11:10 (1)		167.5
		Day 57	2020-07-27 11:21 (28)		167.5
	Pulse Rate (beats/min)	Screening	2020-05-27 14:15 (-6)		60
		Day 1/ PRE-DOSE	2020-06-02 09:40 (1)	Yes	60
		Day 1/ POST-DOSE	2020-06-02 11:50 (1)		48 G2 Bradycardia
		Day 8	2020-06-09 09:32 (8)		60
		Day 15	2020-06-15 09:44 (14)		55
		Day 29/ PRE-DOSE	2020-06-30 09:20 (29)		56
		Day 29/ POST-DOSE	2020-06-30 11:10 (1)		47 G2 Bradycardia
		Day 36	2020-07-07 13:16 (8)		61
		Day 43	2020-07-13 13:30 (14)		57
		Day 57	2020-07-27 11:21 (28)		67
	Respiratory Rate (breaths/min)	Screening	2020-05-27 14:15 (-6)		18 G1 Respiratory Rate Increased
		Day 1/ PRE-DOSE	2020-06-02 09:40 (1)	Yes	16

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2

Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)

Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2021061	Respiratory Rate (breaths/min)	Day 1/ POST-DOSE	2020-06-02 11:50 (1)		16
		Day 8	2020-06-09 09:32 (8)		15
		Day 15	2020-06-15 09:44 (14)		15
		Day 29/ PRE-DOSE	2020-06-30 09:20 (29)		14
		Day 29/ POST-DOSE	2020-06-30 11:10 (1)		16
		Day 36	2020-07-07 13:16 (8)		14
		Day 43	2020-07-13 13:30 (14)		15
		Day 57	2020-07-27 11:21 (28)		16
	Systolic Blood Pressure (mmHg)	Screening	2020-05-27 14:15 (-6)		120
		Day 1/ PRE-DOSE	2020-06-02 09:40 (1)	Yes	104
		Day 1/ POST-DOSE	2020-06-02 11:50 (1)		118
		Day 8	2020-06-09 09:32 (8)		127
		Day 15	2020-06-15 09:44 (14)		114
		Day 29/ PRE-DOSE	2020-06-30 09:20 (29)		100
		Day 29/ POST-DOSE	2020-06-30 11:10 (1)		115
		Day 36	2020-07-07 13:16 (8)		105

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2021061	Systolic Blood Pressure (mmHg)	Day 43	2020-07-13 13:30 (14)		115
		Day 57	2020-07-27 11:21 (28)		112
	Temperature (C)	Screening	2020-05-27 14:15 (-6)		37.2
		Day 1/ PRE-DOSE	2020-06-02 09:40 (1)	Yes	37.1
		Day 1/ POST-DOSE	2020-06-02 11:50 (1)		36.3
		Day 8	2020-06-09 09:32 (8)		37.1
		Day 15	2020-06-15 09:44 (14)		36.7
		Day 29/ PRE-DOSE	2020-06-30 09:20 (29)		36.4
		Day 29/ POST-DOSE	2020-06-30 11:10 (1)		36.4
		Day 36	2020-07-07 13:16 (8)		36.8
		Day 43	2020-07-13 13:30 (14)		36.7
		Day 57	2020-07-27 11:21 (28)		36.8
	Weight (kg)	Screening	2020-05-27 14:15 (-6)		71.6
		Day 1/ PRE-DOSE	2020-06-02 09:40 (1)	Yes	73.8
		Day 1/ POST-DOSE	2020-06-02 11:50 (1)		73.8
		Day 29/ PRE-DOSE	2020-06-30 09:20 (29)		72.8

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2021061	Weight (kg)	Day 29/ POST-DOSE	2020-06-30 11:10 (1)		72.8
		Day 57	2020-07-27 11:21 (28)		72.9
US2021155	Body Mass Index (kg/m2)	Screening	2020-06-03 10:30 (-5)	Yes	29.1
		Day 57	2020-08-12 08:06 (31)		29.1
	Diastolic Blood Pressure (mmHg)	Screening	2020-06-03 10:30 (-5)		88
		Day 1/ PRE-DOSE	2020-06-08 16:45 (1)	Yes	84
		Day 1/ POST-DOSE	2020-06-08 18:40 (1)		94 G1 Diastolic Hypertension
		Day 8	2020-06-17 10:36 (10)		87
		Day 15	2020-06-24 09:45 (17)		86
		Day 29/ PRE-DOSE	2020-07-13 14:33 (36)		98 G2 Diastolic Hypertension
		Day 29/ POST-DOSE	2020-07-13 16:43 (1)		86
		Day 36	2020-07-20 15:42 (8)		76
		Day 43	2020-07-29 08:38 (17)		89
		Day 57	2020-08-12 08:06 (31)		86
	Height (cm)	Screening	2020-06-03 10:30 (-5)		177
		Day 1/ PRE-DOSE	2020-06-08 16:45 (1)	Yes	177

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2021155	Height (cm)	Day 1/ POST-DOSE	2020-06-08 18:40 (1)		177
		Day 29/ PRE-DOSE	2020-07-13 14:33 (36)		177
		Day 29/ POST-DOSE	2020-07-13 16:43 (1)		177
		Day 57	2020-08-12 08:06 (31)		177
	Pulse Rate (beats/min)	Screening	2020-06-03 10:30 (-5)		58
		Day 1/ PRE-DOSE	2020-06-08 16:45 (1)	Yes	72
		Day 1/ POST-DOSE	2020-06-08 18:40 (1)		69
		Day 8	2020-06-17 10:36 (10)		76
		Day 15	2020-06-24 09:45 (17)		64
		Day 29/ PRE-DOSE	2020-07-13 14:33 (36)		81
		Day 29/ POST-DOSE	2020-07-13 16:43 (1)		72
		Day 36	2020-07-20 15:42 (8)		56
		Day 43	2020-07-29 08:38 (17)		60
		Day 57	2020-08-12 08:06 (31)		72
	Respiratory Rate (breaths/min)	Screening	2020-06-03 10:30 (-5)		14

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2021155	Respiratory Rate (breaths/min)	Day 1/ PRE-DOSE	2020-06-08 16:45 (1)	Yes	16
		Day 1/ POST-DOSE	2020-06-08 18:40 (1)		16
		Day 8	2020-06-17 10:36 (10)		15
		Day 15	2020-06-24 09:45 (17)		14
		Day 29/ PRE-DOSE	2020-07-13 14:33 (36)		16
		Day 29/ POST-DOSE	2020-07-13 16:43 (1)		15
		Day 36	2020-07-20 15:42 (8)		16
		Day 43	2020-07-29 08:38 (17)		16
		Day 57	2020-08-12 08:06 (31)		15
	Systolic Blood Pressure (mmHg)	Screening	2020-06-03 10:30 (-5)		130
		Day 1/ PRE-DOSE	2020-06-08 16:45 (1)	Yes	118
		Day 1/ POST-DOSE	2020-06-08 18:40 (1)		140
		Day 8	2020-06-17 10:36 (10)		132
		Day 15	2020-06-24 09:45 (17)		120
		Day 29/ PRE-DOSE	2020-07-13 14:33 (36)		140

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2

Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)

Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2021155	Systolic Blood Pressure (mmHg)	Day 29/ POST-DOSE	2020-07-13 16:43 (1)		120
		Day 36	2020-07-20 15:42 (8)		124
		Day 43	2020-07-29 08:38 (17)		128
		Day 57	2020-08-12 08:06 (31)		128
	Temperature (C)	Screening	2020-06-03 10:30 (-5)		37.2
		Day 1/ PRE-DOSE	2020-06-08 16:45 (1)	Yes	36.6
		Day 1/ POST-DOSE	2020-06-08 18:40 (1)		36.3
		Day 8	2020-06-17 10:36 (10)		36.7
		Day 15	2020-06-24 09:45 (17)		36.6
		Day 29/ PRE-DOSE	2020-07-13 14:33 (36)		36.6
		Day 29/ POST-DOSE	2020-07-13 16:43 (1)		36.7
		Day 36	2020-07-20 15:42 (8)		36.9
		Day 43	2020-07-29 08:38 (17)		36.7
		Day 57	2020-08-12 08:06 (31)		36.9
	Weight (kg)	Screening	2020-06-03 10:30 (-5)		91.1
		Day 1/ PRE-DOSE	2020-06-08 16:45 (1)	Yes	90.6

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2

Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)

Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2021155	Weight (kg)	Day 1/ POST-DOSE	2020-06-08 18:40 (1)		90.6
		Day 29/ PRE-DOSE	2020-07-13 14:33 (36)		93.3
		Day 29/ POST-DOSE	2020-07-13 16:43 (1)		93.3
		Day 57	2020-08-12 08:06 (31)		91.2
US2021175	Body Mass Index (kg/m2)	Screening	2020-06-04 15:56 (-4)	Yes	19.5
		Day 57	2020-08-03 11:24 (27)		20.2
	Diastolic Blood Pressure (mmHg)	Screening	2020-06-04 15:56 (-4)		61
		Day 1/ PRE-DOSE	2020-06-08 12:46 (1)	Yes	73
		Day 1/ POST-DOSE	2020-06-08 15:38 (1)		67
		Day 8	2020-06-16 10:15 (9)		71
		Day 15	2020-06-23 14:18 (16)		66
		Day 29/ PRE-DOSE	2020-07-08 11:20 (31)		65
		Day 29/ POST-DOSE	2020-07-08 13:23 (1)		70
		Day 36	2020-07-16 08:38 (9)		62
		Day 43	2020-07-24 12:08 (17)		73

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2021175	Diastolic Blood Pressure (mmHg)	Day 57	2020-08-03 11:24 (27)		62
	Height (cm)	Screening	2020-06-04 15:56 (-4)		168.4
		Day 1/ PRE-DOSE	2020-06-08 12:46 (1)	Yes	168.4
		Day 1/ POST-DOSE	2020-06-08 15:38 (1)		168.4
		Day 29/ PRE-DOSE	2020-07-08 11:20 (31)		168.4
		Day 29/ POST-DOSE	2020-07-08 13:23 (1)		168.4
		Day 57	2020-08-03 11:24 (27)		168.4
	Pulse Rate (beats/min)	Screening	2020-06-04 15:56 (-4)		57
		Day 1/ PRE-DOSE	2020-06-08 12:46 (1)	Yes	52 G1 Bradycardia
		Day 1/ POST-DOSE	2020-06-08 15:38 (1)		48 G2 Bradycardia
		Day 8	2020-06-16 10:15 (9)		46 G2 Bradycardia
		Day 15	2020-06-23 14:18 (16)		56
		Day 29/ PRE-DOSE	2020-07-08 11:20 (31)		64
		Day 29/ POST-DOSE	2020-07-08 13:23 (1)		52 G1 Bradycardia
		Day 36	2020-07-16 08:38 (9)		49 G2 Bradycardia

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2021175	Pulse Rate (beats/min)	Day 43	2020-07-24 12:08 (17)		68
		Day 57	2020-08-03 11:24 (27)		51 G1 Bradycardia
	Respiratory Rate (breaths/min)	Screening	2020-06-04 15:56 (-4)		15
		Day 1/ PRE-DOSE	2020-06-08 12:46 (1)	Yes	15
		Day 1/ POST-DOSE	2020-06-08 15:38 (1)		15
		Day 8	2020-06-16 10:15 (9)		14
		Day 15	2020-06-23 14:18 (16)		16
		Day 29/ PRE-DOSE	2020-07-08 11:20 (31)		14
		Day 29/ POST-DOSE	2020-07-08 13:23 (1)		15
		Day 36	2020-07-16 08:38 (9)		16
		Day 43	2020-07-24 12:08 (17)		16
		Day 57	2020-08-03 11:24 (27)		14
	Systolic Blood Pressure (mmHg)	Screening	2020-06-04 15:56 (-4)		105
		Day 1/ PRE-DOSE	2020-06-08 12:46 (1)	Yes	114
		Day 1/ POST-DOSE	2020-06-08 15:38 (1)		107
		Day 8	2020-06-16 10:15 (9)		120
		Day 15	2020-06-23 14:18 (16)		100

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2

Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)

Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2021175	Systolic Blood Pressure (mmHg)	Day 29/ PRE-DOSE	2020-07-08 11:20 (31)		92
		Day 29/ POST-DOSE	2020-07-08 13:23 (1)		109
		Day 36	2020-07-16 08:38 (9)		99
		Day 43	2020-07-24 12:08 (17)		99
		Day 57	2020-08-03 11:24 (27)		105
	Temperature (C)	Screening	2020-06-04 15:56 (-4)		36.8
		Day 1/ PRE-DOSE	2020-06-08 12:46 (1)	Yes	36.7
		Day 1/ POST-DOSE	2020-06-08 15:38 (1)		36.3
		Day 8	2020-06-16 10:15 (9)		36.4
		Day 15	2020-06-23 14:18 (16)		37.1
		Day 29/ PRE-DOSE	2020-07-08 11:20 (31)		36.8
		Day 29/ POST-DOSE	2020-07-08 13:23 (1)		36.6
		Day 36	2020-07-16 08:38 (9)		36.6
		Day 43	2020-07-24 12:08 (17)		36.7
		Day 57	2020-08-03 11:24 (27)		37.2
	Weight (kg)	Screening	2020-06-04 15:56 (-4)		55.4

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2021175	Weight (kg)	Day 1/ PRE-DOSE	2020-06-08 12:46 (1)	Yes	55.6
		Day 1/ POST-DOSE	2020-06-08 15:38 (1)		55.6
		Day 29/ PRE-DOSE	2020-07-08 11:20 (31)		56.4
		Day 29/ POST-DOSE	2020-07-08 13:23 (1)		56.4
		Day 57	2020-08-03 11:24 (27)		57.3
US2031022	Body Mass Index (kg/m2)	Screening	2020-05-26 14:57 (-3)	Yes	23.6
		Day 15	2020-06-12 13:00 (15)		23.6
		Day 57	2020-07-27 14:10 (29)		24.1
	Diastolic Blood Pressure (mmHg)	Screening	2020-05-26 14:57 (-3)		76
		Day 1/ PRE-DOSE	2020-05-29 11:41 (1)	Yes	68
		Day 1/ POST-DOSE	2020-05-29 13:26 (1)		76
		Day 8	2020-06-05 12:54 (8)		70
		Day 15	2020-06-12 13:00 (15)		67
		Day 29/ PRE-DOSE	2020-06-29 12:59 (32)		74

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2031022	Diastolic Blood Pressure (mmHg)	Day 29/ POST-DOSE	2020-06-29 15:08 (1)		67
		Day 36	2020-07-06 14:08 (8)		81
		Day 43	2020-07-13 12:40 (15)		75
		Day 57	2020-07-27 14:10 (29)		74
	Height (cm)	Screening	2020-05-26 14:57 (-3)		188
		Day 1/ PRE-DOSE	2020-05-29 11:41 (1)	Yes	188
		Day 1/ POST-DOSE	2020-05-29 13:26 (1)		188
		Day 15	2020-06-12 13:00 (15)		188
		Day 29/ PRE-DOSE	2020-06-29 12:59 (32)		188
		Day 29/ POST-DOSE	2020-06-29 15:08 (1)		188
		Day 57	2020-07-27 14:10 (29)		188
	Pulse Rate (beats/min)	Screening	2020-05-26 14:57 (-3)		51 G1 Bradycardia
		Day 1/ PRE-DOSE	2020-05-29 11:41 (1)	Yes	52 G1 Bradycardia
		Day 1/ POST-DOSE	2020-05-29 13:26 (1)		71
		Day 8	2020-06-05 12:54 (8)		48 G2 Bradycardia
		Day 15	2020-06-12 13:00 (15)		57

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2031022	Pulse Rate (beats/min)	Day 29/ PRE-DOSE	2020-06-29 12:59 (32)		60
		Day 29/ POST-DOSE	2020-06-29 15:08 (1)		51 G1 Bradycardia
		Day 36	2020-07-06 14:08 (8)		55
		Day 43	2020-07-13 12:40 (15)		61
		Day 57	2020-07-27 14:10 (29)		74
	Respiratory Rate (breaths/min)	Screening	2020-05-26 14:57 (-3)		17 G1 Respiratory Rate Increased
		Day 1/ PRE-DOSE	2020-05-29 11:41 (1)	Yes	18 G1 Respiratory Rate Increased
		Day 1/ POST-DOSE	2020-05-29 13:26 (1)		16
		Day 8	2020-06-05 12:54 (8)		15
		Day 15	2020-06-12 13:00 (15)		15
		Day 29/ PRE-DOSE	2020-06-29 12:59 (32)		18 G1 Respiratory Rate Increased
		Day 29/ POST-DOSE	2020-06-29 15:08 (1)		16
		Day 36	2020-07-06 14:08 (8)		16
		Day 43	2020-07-13 12:40 (15)		16
		Day 57	2020-07-27 14:10 (29)		16
	Systolic Blood Pressure (mmHg)	Screening	2020-05-26 14:57 (-3)		135

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2

Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)

Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2031022	Systolic Blood Pressure (mmHg)	Day 1/ PRE-DOSE	2020-05-29 11:41 (1)	Yes	114
		Day 1/ POST-DOSE	2020-05-29 13:26 (1)		118
		Day 8	2020-06-05 12:54 (8)		117
		Day 15	2020-06-12 13:00 (15)		125
		Day 29/ PRE-DOSE	2020-06-29 12:59 (32)		118
		Day 29/ POST-DOSE	2020-06-29 15:08 (1)		116
		Day 36	2020-07-06 14:08 (8)		122
		Day 43	2020-07-13 12:40 (15)		122
		Day 57	2020-07-27 14:10 (29)		127
	Temperature (C)	Screening	2020-05-26 14:57 (-3)		36.7
		Day 1/ PRE-DOSE	2020-05-29 11:41 (1)	Yes	36.5
		Day 1/ POST-DOSE	2020-05-29 13:26 (1)		37
		Day 8	2020-06-05 12:54 (8)		36.7
		Day 15	2020-06-12 13:00 (15)		36.6
		Day 29/ PRE-DOSE	2020-06-29 12:59 (32)		36.6

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2031022	Temperature (C)	Day 29/ POST-DOSE	2020-06-29 15:08 (1)		36.5
		Day 36	2020-07-06 14:08 (8)		36.7
		Day 43	2020-07-13 12:40 (15)		36.6
		Day 57	2020-07-27 14:10 (29)		36.8
	Weight (kg)	Screening	2020-05-26 14:57 (-3)		83.4
		Day 1/ PRE-DOSE	2020-05-29 11:41 (1)	Yes	83.4
		Day 1/ POST-DOSE	2020-05-29 13:26 (1)		83.4
		Day 15	2020-06-12 13:00 (15)		83.4
		Day 29/ PRE-DOSE	2020-06-29 12:59 (32)		83.4
		Day 29/ POST-DOSE	2020-06-29 15:08 (1)		83.4
		Day 57	2020-07-27 14:10 (29)		85.3
US2031038	Body Mass Index (kg/m2)	Screening	2020-05-27 10:59 (-7)	Yes	21
		Day 15	2020-06-17 07:35 (15)		20.8
		Day 57	2020-07-30 08:55 (29)		21
	Diastolic Blood Pressure (mmHg)	Screening	2020-05-27 10:59 (-7)		73
		Day 1/ PRE-DOSE	2020-06-03 08:44 (1)	Yes	69

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2031038	Diastolic Blood Pressure (mmHg)	Day 1/ POST-DOSE	2020-06-03 11:06 (1)		78
		Day 8	2020-06-11 08:04 (9)		73
		Day 15	2020-06-17 07:35 (15)		78
		Day 29/ PRE-DOSE	2020-07-02 12:04 (30)		65
		Day 29/ POST-DOSE	2020-07-02 14:08 (1)		68
		Day 36	2020-07-09 13:07 (8)		66
		Day 43	2020-07-17 08:09 (16)		70
		Day 57	2020-07-30 08:55 (29)		65
	Height (cm)	Screening	2020-05-27 10:59 (-7)		172.7
		Day 1/ PRE-DOSE	2020-06-03 08:44 (1)	Yes	172.7
		Day 1/ POST-DOSE	2020-06-03 11:06 (1)		172.7
		Day 15	2020-06-17 07:35 (15)		172.7
		Day 29/ PRE-DOSE	2020-07-02 12:04 (30)		172.7
		Day 29/ POST-DOSE	2020-07-02 14:08 (1)		172.7
		Day 57	2020-07-30 08:55 (29)		172.7
	Pulse Rate (beats/min)	Screening	2020-05-27 10:59 (-7)		57

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2031038	Pulse Rate (beats/min)	Day 1/ PRE-DOSE	2020-06-03 08:44 (1)	Yes	42 G3 Bradycardia
		Day 1/ POST-DOSE	2020-06-03 11:06 (1)		46 G2 Bradycardia
		Day 8	2020-06-11 08:04 (9)		39 G3 Bradycardia
		Day 15	2020-06-17 07:35 (15)		32 G3 Bradycardia
		Day 29/ PRE-DOSE	2020-07-02 12:04 (30)		37 G3 Bradycardia
		Day 29/ POST-DOSE	2020-07-02 14:08 (1)		32 G3 Bradycardia
		Day 36	2020-07-09 13:07 (8)		46 G2 Bradycardia
		Day 43	2020-07-17 08:09 (16)		36 G3 Bradycardia
		Day 57	2020-07-30 08:55 (29)		59
	Respiratory Rate (breaths/min)	Screening	2020-05-27 10:59 (-7)		16
		Day 1/ PRE-DOSE	2020-06-03 08:44 (1)	Yes	14
		Day 1/ POST-DOSE	2020-06-03 11:06 (1)		14
		Day 8	2020-06-11 08:04 (9)		18 G1 Respiratory Rate Increased
		Day 15	2020-06-17 07:35 (15)		16
		Day 29/ PRE-DOSE	2020-07-02 12:04 (30)		15

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2

Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)

Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2031038	Respiratory Rate (breaths/min)	Day 29/ POST-DOSE	2020-07-02 14:08 (1)		14
		Day 36	2020-07-09 13:07 (8)		14
		Day 43	2020-07-17 08:09 (16)		14
		Day 57	2020-07-30 08:55 (29)		15
	Systolic Blood Pressure (mmHg)	Screening	2020-05-27 10:59 (-7)		136
		Day 1/ PRE-DOSE	2020-06-03 08:44 (1)	Yes	135
		Day 1/ POST-DOSE	2020-06-03 11:06 (1)		134
		Day 8	2020-06-11 08:04 (9)		134
		Day 15	2020-06-17 07:35 (15)		131
		Day 29/ PRE-DOSE	2020-07-02 12:04 (30)		131
		Day 29/ POST-DOSE	2020-07-02 14:08 (1)		113
		Day 36	2020-07-09 13:07 (8)		122
		Day 43	2020-07-17 08:09 (16)		116
		Day 57	2020-07-30 08:55 (29)		124
	Temperature (C)	Screening	2020-05-27 10:59 (-7)		36.5
		Day 1/ PRE-DOSE	2020-06-03 08:44 (1)	Yes	36.4

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2

Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)

Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2031038	Temperature (C)	Day 1/ POST-DOSE	2020-06-03 11:06 (1)		36.4
		Day 8	2020-06-11 08:04 (9)		36.5
		Day 15	2020-06-17 07:35 (15)		36.5
		Day 29/ PRE-DOSE	2020-07-02 12:04 (30)		36.8
		Day 29/ POST-DOSE	2020-07-02 14:08 (1)		36.7
		Day 36	2020-07-09 13:07 (8)		37.2
		Day 43	2020-07-17 08:09 (16)		36.6
		Day 57	2020-07-30 08:55 (29)		36.4
	Weight (kg)	Screening	2020-05-27 10:59 (-7)		62.6
		Day 1/ PRE-DOSE	2020-06-03 08:44 (1)	Yes	62.1
		Day 1/ POST-DOSE	2020-06-03 11:06 (1)		62.1
		Day 15	2020-06-17 07:35 (15)		62.1
		Day 29/ PRE-DOSE	2020-07-02 12:04 (30)		60.7
		Day 29/ POST-DOSE	2020-07-02 14:08 (1)		60.7
		Day 57	2020-07-30 08:55 (29)		62.6

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2

Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)

Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2031040	Body Mass Index (kg/m2)	Screening	2020-05-27 11:02 (-5)	Yes	19.4
		Day 15	2020-06-15 07:36 (15)		19.9
		Day 57	2020-07-28 07:40 (29)		19.6
	Diastolic Blood Pressure (mmHg)	Screening	2020-05-27 11:02 (-5)		60
		Day 1/ PRE-DOSE	2020-06-01 12:25 (1)	Yes	71
		Day 1/ POST-DOSE	2020-06-01 14:10 (1)		72
		Day 8	2020-06-08 07:37 (8)		63
		Day 15	2020-06-15 07:36 (15)		65
		Day 29/ PRE-DOSE	2020-06-30 07:40 (30)		64
		Day 29/ POST-DOSE	2020-06-30 09:38 (1)		70
		Day 36	2020-07-07 08:15 (8)		62
		Day 43	2020-07-15 07:40 (16)		67
		Day 57	2020-07-28 07:40 (29)		64
	Height (cm)	Screening	2020-05-27 11:02 (-5)		172.7
		Day 1/ PRE-DOSE	2020-06-01 12:25 (1)	Yes	172.2
		Day 1/ POST-DOSE	2020-06-01 14:10 (1)		172.2
		Day 15	2020-06-15 07:36 (15)		172.2

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2031040	Height (cm)	Day 29/ PRE-DOSE	2020-06-30 07:40 (30)		172.7
		Day 29/ POST-DOSE	2020-06-30 09:38 (1)		172.7
		Day 57	2020-07-28 07:40 (29)		172.7
	Pulse Rate (beats/min)	Screening	2020-05-27 11:02 (-5)		43 G3 Bradycardia
		Day 1/ PRE-DOSE	2020-06-01 12:25 (1)	Yes	55
		Day 1/ POST-DOSE	2020-06-01 14:10 (1)		53 G1 Bradycardia
		Day 8	2020-06-08 07:37 (8)		35 G3 Bradycardia
		Day 15	2020-06-15 07:36 (15)		49 G2 Bradycardia
		Day 29/ PRE-DOSE	2020-06-30 07:40 (30)		57
		Day 29/ POST-DOSE	2020-06-30 09:38 (1)		42 G3 Bradycardia
		Day 36	2020-07-07 08:15 (8)		42 G3 Bradycardia
		Day 43	2020-07-15 07:40 (16)		41 G3 Bradycardia
		Day 57	2020-07-28 07:40 (29)		44 G3 Bradycardia
	Respiratory Rate (breaths/min)	Screening	2020-05-27 11:02 (-5)		16
		Day 1/ PRE-DOSE	2020-06-01 12:25 (1)	Yes	15

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2

Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)

Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2031040	Respiratory Rate (breaths/min)	Day 1/ POST-DOSE	2020-06-01 14:10 (1)		16
		Day 8	2020-06-08 07:37 (8)		15
		Day 15	2020-06-15 07:36 (15)		15
		Day 29/ PRE-DOSE	2020-06-30 07:40 (30)		16
		Day 29/ POST-DOSE	2020-06-30 09:38 (1)		16
		Day 36	2020-07-07 08:15 (8)		14
		Day 43	2020-07-15 07:40 (16)		14
		Day 57	2020-07-28 07:40 (29)		15
	Systolic Blood Pressure (mmHg)	Screening	2020-05-27 11:02 (-5)		104
		Day 1/ PRE-DOSE	2020-06-01 12:25 (1)	Yes	114
		Day 1/ POST-DOSE	2020-06-01 14:10 (1)		122
		Day 8	2020-06-08 07:37 (8)		110
		Day 15	2020-06-15 07:36 (15)		113
		Day 29/ PRE-DOSE	2020-06-30 07:40 (30)		125
		Day 29/ POST-DOSE	2020-06-30 09:38 (1)		120
		Day 36	2020-07-07 08:15 (8)		114

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2031040	Systolic Blood Pressure (mmHg)	Day 43	2020-07-15 07:40 (16)		117
		Day 57	2020-07-28 07:40 (29)		126
	Temperature (C)	Screening	2020-05-27 11:02 (-5)		37
		Day 1/ PRE-DOSE	2020-06-01 12:25 (1)	Yes	36.8
		Day 1/ POST-DOSE	2020-06-01 14:10 (1)		36.7
		Day 8	2020-06-08 07:37 (8)		36.5
		Day 15	2020-06-15 07:36 (15)		36.7
		Day 29/ PRE-DOSE	2020-06-30 07:40 (30)		36.6
		Day 29/ POST-DOSE	2020-06-30 09:38 (1)		36.4
		Day 36	2020-07-07 08:15 (8)		36.4
		Day 43	2020-07-15 07:40 (16)		36.5
		Day 57	2020-07-28 07:40 (29)		36.5
	Weight (kg)	Screening	2020-05-27 11:02 (-5)		58
		Day 1/ PRE-DOSE	2020-06-01 12:25 (1)	Yes	58.9
		Day 1/ POST-DOSE	2020-06-01 14:10 (1)		58.9
		Day 15	2020-06-15 07:36 (15)		58.9

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2031040	Weight (kg)	Day 29/ PRE-DOSE	2020-06-30 07:40 (30)		57.6
		Day 29/ POST-DOSE	2020-06-30 09:38 (1)		57.6
		Day 57	2020-07-28 07:40 (29)		58.5
US2031048	Body Mass Index (kg/m2)	Screening	2020-05-28 07:45 (-4)	Yes	21
		Day 15	2020-06-15 07:35 (15)		21
		Day 57	2020-07-30 10:05 (31)		21.6
	Diastolic Blood Pressure (mmHg)	Screening	2020-05-28 07:45 (-4)		76
		Day 1/ PRE-DOSE	2020-06-01 16:05 (1)	Yes	72
		Day 1/ POST-DOSE	2020-06-01 18:03 (1)		81
		Day 8	2020-06-08 07:31 (8)		69
		Day 15	2020-06-15 07:35 (15)		66
		Day 29/ PRE-DOSE	2020-06-30 07:44 (30)		65
		Day 29/ POST-DOSE	2020-06-30 09:45 (1)		70
		Day 36	2020-07-07 07:58 (8)		62
		Day 43	2020-07-17 08:08 (18)		69
		Day 57	2020-07-30 10:05 (31)		59

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2031048	Height (cm)	Screening	2020-05-28 07:45 (-4)		175.2
		Day 1/ PRE-DOSE	2020-06-01 16:05 (1)	Yes	175.2
		Day 1/ POST-DOSE	2020-06-01 18:03 (1)		175.2
		Day 15	2020-06-15 07:35 (15)		175.2
		Day 29/ PRE-DOSE	2020-06-30 07:44 (30)		175.2
		Day 29/ POST-DOSE	2020-06-30 09:45 (1)		175.2
		Day 57	2020-07-30 10:05 (31)		175.2
	Pulse Rate (beats/min)	Screening	2020-05-28 07:45 (-4)		42 G3 Bradycardia
		Day 1/ PRE-DOSE	2020-06-01 16:05 (1)	Yes	49 G2 Bradycardia
		Day 1/ POST-DOSE	2020-06-01 18:03 (1)		42 G3 Bradycardia
		Day 8	2020-06-08 07:31 (8)		50 G1 Bradycardia
		Day 15	2020-06-15 07:35 (15)		46 G2 Bradycardia
		Day 29/ PRE-DOSE	2020-06-30 07:44 (30)		44 G3 Bradycardia
		Day 29/ POST-DOSE	2020-06-30 09:45 (1)		42 G3 Bradycardia
		Day 36	2020-07-07 07:58 (8)		46 G2 Bradycardia

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2031048	Pulse Rate (beats/min)	Day 43	2020-07-17 08:08 (18)		52 G1 Bradycardia
		Day 57	2020-07-30 10:05 (31)		41 G3 Bradycardia
	Respiratory Rate (breaths/min)	Screening	2020-05-28 07:45 (-4)		17 G1 Respiratory Rate Increased
		Day 1/ PRE-DOSE	2020-06-01 16:05 (1)	Yes	16
		Day 1/ POST-DOSE	2020-06-01 18:03 (1)		17 G1 Respiratory Rate Increased
		Day 8	2020-06-08 07:31 (8)		16
		Day 15	2020-06-15 07:35 (15)		17 G1 Respiratory Rate Increased
		Day 29/ PRE-DOSE	2020-06-30 07:44 (30)		14
		Day 29/ POST-DOSE	2020-06-30 09:45 (1)		14
		Day 36	2020-07-07 07:58 (8)		16
		Day 43	2020-07-17 08:08 (18)		14
		Day 57	2020-07-30 10:05 (31)		16
	Systolic Blood Pressure (mmHg)	Screening	2020-05-28 07:45 (-4)		126
		Day 1/ PRE-DOSE	2020-06-01 16:05 (1)	Yes	128
		Day 1/ POST-DOSE	2020-06-01 18:03 (1)		128

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2031048	Systolic Blood Pressure (mmHg)	Day 8	2020-06-08 07:31 (8)		123
		Day 15	2020-06-15 07:35 (15)		120
		Day 29/ PRE-DOSE	2020-06-30 07:44 (30)		116
		Day 29/ POST-DOSE	2020-06-30 09:45 (1)		125
		Day 36	2020-07-07 07:58 (8)		121
		Day 43	2020-07-17 08:08 (18)		126
		Day 57	2020-07-30 10:05 (31)		117
	Temperature (C)	Screening	2020-05-28 07:45 (-4)		36.7
		Day 1/ PRE-DOSE	2020-06-01 16:05 (1)	Yes	36.8
		Day 1/ POST-DOSE	2020-06-01 18:03 (1)		36.8
		Day 8	2020-06-08 07:31 (8)		36.8
		Day 15	2020-06-15 07:35 (15)		36.6
		Day 29/ PRE-DOSE	2020-06-30 07:44 (30)		36.6
		Day 29/ POST-DOSE	2020-06-30 09:45 (1)		36.7
		Day 36	2020-07-07 07:58 (8)		36.4
		Day 43	2020-07-17 08:08 (18)		36.6
		Day 57	2020-07-30 10:05 (31)		36.4

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2031048	Weight (kg)	Screening	2020-05-28 07:45 (-4)		64.4
		Day 1/ PRE-DOSE	2020-06-01 16:05 (1)	Yes	64.4
		Day 1/ POST-DOSE	2020-06-01 18:03 (1)		64.4
		Day 15	2020-06-15 07:35 (15)		64.4
		Day 29/ PRE-DOSE	2020-06-30 07:44 (30)		67.6
		Day 29/ POST-DOSE	2020-06-30 09:45 (1)		67.6
		Day 57	2020-07-30 10:05 (31)		66.2
US2041014	Body Mass Index (kg/m2)	Screening	2020-05-26 13:27 (-3)	Yes	28.4
		Day 57	2020-07-21 08:04 (26)		28.7
	Diastolic Blood Pressure (mmHg)	Screening	2020-05-26 13:27 (-3)		65
		Day 1/ PRE-DOSE	2020-05-29 14:35 (1)	Yes	68
		Day 1/ POST-DOSE	2020-05-29 16:37 (1)		74
		Day 8	2020-06-05 08:15 (8)		71
		Day 15	2020-06-12 08:10 (15)		75
		Day 29/ PRE-DOSE	2020-06-26 08:49 (29)		73

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2041014	Diastolic Blood Pressure (mmHg)	Day 29/ POST-DOSE	2020-06-26 10:53 (1)		78
		Day 36	2020-07-08 08:03 (13)		73
		Day 43	2020-07-13 09:55 (18)		72
		Day 57	2020-07-21 08:04 (26)		76
	Height (cm)	Screening	2020-05-26 13:27 (-3)		181.6
		Day 1/ PRE-DOSE	2020-05-29 14:35 (1)	Yes	181.6
		Day 1/ POST-DOSE	2020-05-29 16:37 (1)		181.6
		Day 29/ PRE-DOSE	2020-06-26 08:49 (29)		181.6
		Day 29/ POST-DOSE	2020-06-26 10:53 (1)		181.6
		Day 57	2020-07-21 08:04 (26)		181.6
	Pulse Rate (beats/min)	Screening	2020-05-26 13:27 (-3)		55
		Day 1/ PRE-DOSE	2020-05-29 14:35 (1)	Yes	80
		Day 1/ POST-DOSE	2020-05-29 16:37 (1)		80
		Day 8	2020-06-05 08:15 (8)		50 G1 Bradycardia
		Day 15	2020-06-12 08:10 (15)		51 G1 Bradycardia

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2041014	Pulse Rate (beats/min)	Day 29/ PRE-DOSE	2020-06-26 08:49 (29)		55
		Day 29/ POST-DOSE	2020-06-26 10:53 (1)		60
		Day 36	2020-07-08 08:03 (13)		57
		Day 43	2020-07-13 09:55 (18)		47 G2 Bradycardia
		Day 57	2020-07-21 08:04 (26)		49 G2 Bradycardia
	Respiratory Rate (breaths/min)	Screening	2020-05-26 13:27 (-3)		12
		Day 1/ PRE-DOSE	2020-05-29 14:35 (1)	Yes	14
		Day 1/ POST-DOSE	2020-05-29 16:37 (1)		16
		Day 8	2020-06-05 08:15 (8)		12
		Day 15	2020-06-12 08:10 (15)		12
		Day 29/ PRE-DOSE	2020-06-26 08:49 (29)		12
		Day 29/ POST-DOSE	2020-06-26 10:53 (1)		12
		Day 36	2020-07-08 08:03 (13)		16
		Day 43	2020-07-13 09:55 (18)		14
		Day 57	2020-07-21 08:04 (26)		14
	Systolic Blood Pressure (mmHg)	Screening	2020-05-26 13:27 (-3)		124

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2

Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)

Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2041014	Systolic Blood Pressure (mmHg)	Day 1/ PRE-DOSE	2020-05-29 14:35 (1)	Yes	118
		Day 1/ POST-DOSE	2020-05-29 16:37 (1)		130
		Day 8	2020-06-05 08:15 (8)		130
		Day 15	2020-06-12 08:10 (15)		136
		Day 29/ PRE-DOSE	2020-06-26 08:49 (29)		130
		Day 29/ POST-DOSE	2020-06-26 10:53 (1)		126
		Day 36	2020-07-08 08:03 (13)		135
		Day 43	2020-07-13 09:55 (18)		135
		Day 57	2020-07-21 08:04 (26)		131
	Temperature (C)	Screening	2020-05-26 13:27 (-3)		36.9
		Day 1/ PRE-DOSE	2020-05-29 14:35 (1)	Yes	36.7
		Day 1/ POST-DOSE	2020-05-29 16:37 (1)		36.6
		Day 8	2020-06-05 08:15 (8)		36.6
		Day 15	2020-06-12 08:10 (15)		36.7
		Day 29/ PRE-DOSE	2020-06-26 08:49 (29)		36.5

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2041014	Temperature (C)	Day 29/ POST-DOSE	2020-06-26 10:53 (1)		36.5
		Day 36	2020-07-08 08:03 (13)		36.9
		Day 43	2020-07-13 09:55 (18)		36.7
		Day 57	2020-07-21 08:04 (26)		37
	Weight (kg)	Screening	2020-05-26 13:27 (-3)		93.8
		Day 1/ PRE-DOSE	2020-05-29 14:35 (1)	Yes	93.4
		Day 1/ POST-DOSE	2020-05-29 16:37 (1)		93.4
		Day 29/ PRE-DOSE	2020-06-26 08:49 (29)		93.9
		Day 29/ POST-DOSE	2020-06-26 10:53 (1)		93.9
		Day 57	2020-07-21 08:04 (26)		94.8
US2041022	Body Mass Index (kg/m2)	Screening	2020-05-27 07:28 (-9)	Yes	27.4
		Day 57	2020-08-04 07:54 (30)		26.8
	Diastolic Blood Pressure (mmHg)	Screening	2020-05-27 07:28 (-9)		73
		Day 1/ PRE-DOSE	2020-06-05 12:02 (1)	Yes	77
		Day 1/ POST-DOSE	2020-06-05 13:55 (1)		71

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2

Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)

Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2041022	Diastolic Blood Pressure (mmHg)	Day 8	2020-06-15 08:26 (11)		78
		Day 15	2020-06-22 08:10 (18)		75
		Day 29/ PRE-DOSE	2020-07-06 11:45 (32)		72
		Day 29/ POST-DOSE	2020-07-06 13:45 (1)		71
		Day 36	2020-07-14 08:05 (9)		61
		Day 43	2020-07-21 08:15 (16)		65
		Day 57	2020-08-04 07:54 (30)		69
	Height (cm)	Screening	2020-05-27 07:28 (-9)		170.2
		Day 1/ PRE-DOSE	2020-06-05 12:02 (1)	Yes	170.2
		Day 1/ POST-DOSE	2020-06-05 13:55 (1)		170.2
		Day 29/ PRE-DOSE	2020-07-06 11:45 (32)		170.2
		Day 29/ POST-DOSE	2020-07-06 13:45 (1)		170.2
		Day 57	2020-08-04 07:54 (30)		170.2
	Pulse Rate (beats/min)	Screening	2020-05-27 07:28 (-9)		51 G1 Bradycardia
		Day 1/ PRE-DOSE	2020-06-05 12:02 (1)	Yes	45 G2 Bradycardia

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2

Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)

Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2041022	Pulse Rate (beats/min)	Day 1/ POST-DOSE	2020-06-05 13:55 (1)		50 G1 Bradycardia
		Day 8	2020-06-15 08:26 (11)		50 G1 Bradycardia
		Day 15	2020-06-22 08:10 (18)		49 G2 Bradycardia
		Day 29/ PRE-DOSE	2020-07-06 11:45 (32)		55
		Day 29/ POST-DOSE	2020-07-06 13:45 (1)		51 G1 Bradycardia
		Day 36	2020-07-14 08:05 (9)		48 G2 Bradycardia
		Day 43	2020-07-21 08:15 (16)		50 G1 Bradycardia
		Day 57	2020-08-04 07:54 (30)		55
	Respiratory Rate (breaths/min)	Screening	2020-05-27 07:28 (-9)		14
		Day 1/ PRE-DOSE	2020-06-05 12:02 (1)	Yes	12
		Day 1/ POST-DOSE	2020-06-05 13:55 (1)		12
		Day 8	2020-06-15 08:26 (11)		12
		Day 15	2020-06-22 08:10 (18)		12
		Day 29/ PRE-DOSE	2020-07-06 11:45 (32)		14
		Day 29/ POST-DOSE	2020-07-06 13:45 (1)		14
		Day 36	2020-07-14 08:05 (9)		12

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2041022	Respiratory Rate (breaths/min)	Day 43	2020-07-21 08:15 (16)		14
		Day 57	2020-08-04 07:54 (30)		14
	Systolic Blood Pressure (mmHg)	Screening	2020-05-27 07:28 (-9)		107
		Day 1/ PRE-DOSE	2020-06-05 12:02 (1)	Yes	123
		Day 1/ POST-DOSE	2020-06-05 13:55 (1)		128
		Day 8	2020-06-15 08:26 (11)		115
		Day 15	2020-06-22 08:10 (18)		112
		Day 29/ PRE-DOSE	2020-07-06 11:45 (32)		119
		Day 29/ POST-DOSE	2020-07-06 13:45 (1)		116
		Day 36	2020-07-14 08:05 (9)		110
		Day 43	2020-07-21 08:15 (16)		114
		Day 57	2020-08-04 07:54 (30)		101
	Temperature (C)	Screening	2020-05-27 07:28 (-9)		37
		Day 1/ PRE-DOSE	2020-06-05 12:02 (1)	Yes	36.8
		Day 1/ POST-DOSE	2020-06-05 13:55 (1)		36.4
		Day 8	2020-06-15 08:26 (11)		36.6
		Day 15	2020-06-22 08:10 (18)		37

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2041022	Temperature (C)	Day 29/ PRE-DOSE	2020-07-06 11:45 (32)		36.6
		Day 29/ POST-DOSE	2020-07-06 13:45 (1)		36.9
		Day 36	2020-07-14 08:05 (9)		37.2
		Day 43	2020-07-21 08:15 (16)		36.9
		Day 57	2020-08-04 07:54 (30)		37.2
	Weight (kg)	Screening	2020-05-27 07:28 (-9)		79.4
		Day 1/ PRE-DOSE	2020-06-05 12:02 (1)	Yes	77.6
		Day 1/ POST-DOSE	2020-06-05 13:55 (1)		77.6
		Day 29/ PRE-DOSE	2020-07-06 11:45 (32)		80.6
		Day 29/ POST-DOSE	2020-07-06 13:45 (1)		80.6
		Day 57	2020-08-04 07:54 (30)		77.6
US2041034	Body Mass Index (kg/m2)	Screening	2020-05-27 13:20 (-5)	Yes	26.6
		Day 57	2020-08-05 13:15 (35)		27
	Diastolic Blood Pressure (mmHg)	Screening	2020-05-27 13:20 (-5)		81
		Day 1/ PRE-DOSE	2020-06-01 13:40 (1)	Yes	82

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2

Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)

Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2041034	Diastolic Blood Pressure (mmHg)	Day 1/ POST-DOSE	2020-06-01 15:32 (1)		80
		Day 8	2020-06-16 16:08 (16)		81
		Day 15	2020-06-18 11:38 (18)		83
		Day 29/ PRE-DOSE	2020-07-02 15:05 (32)		88
		Day 29/ POST-DOSE	2020-07-02 16:42 (1)		84
		Day 36	2020-07-13 11:03 (12)		83
		Day 43	2020-07-17 13:08 (16)		73
		Day 57	2020-08-05 13:15 (35)		78
	Height (cm)	Screening	2020-05-27 13:20 (-5)		163.2
		Day 1/ PRE-DOSE	2020-06-01 13:40 (1)	Yes	163.2
		Day 1/ POST-DOSE	2020-06-01 15:32 (1)		163.2
		Day 29/ PRE-DOSE	2020-07-02 15:05 (32)		163.2
		Day 29/ POST-DOSE	2020-07-02 16:42 (1)		163.2
		Day 57	2020-08-05 13:15 (35)		163.2
	Pulse Rate (beats/min)	Screening	2020-05-27 13:20 (-5)		56

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2041034	Pulse Rate (beats/min)	Day 1/ PRE-DOSE	2020-06-01 13:40 (1)	Yes	55
		Day 1/ POST-DOSE	2020-06-01 15:32 (1)		78
		Day 8	2020-06-16 16:08 (16)		56
		Day 15	2020-06-18 11:38 (18)		60
		Day 29/ PRE-DOSE	2020-07-02 15:05 (32)		58
		Day 29/ POST-DOSE	2020-07-02 16:42 (1)		60
		Day 36	2020-07-13 11:03 (12)		56
		Day 43	2020-07-17 13:08 (16)		47 G2 Bradycardia
		Day 57	2020-08-05 13:15 (35)		64
	Respiratory Rate (breaths/min)	Screening	2020-05-27 13:20 (-5)		14
		Day 1/ PRE-DOSE	2020-06-01 13:40 (1)	Yes	15
		Day 1/ POST-DOSE	2020-06-01 15:32 (1)		16
		Day 8	2020-06-16 16:08 (16)		12
		Day 15	2020-06-18 11:38 (18)		12
		Day 29/ PRE-DOSE	2020-07-02 15:05 (32)		14

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2

Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)

Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2041034	Respiratory Rate (breaths/min)	Day 29/ POST-DOSE	2020-07-02 16:42 (1)		14
		Day 36	2020-07-13 11:03 (12)		16
		Day 43	2020-07-17 13:08 (16)		14
		Day 57	2020-08-05 13:15 (35)		14
	Systolic Blood Pressure (mmHg)	Screening	2020-05-27 13:20 (-5)		125
		Day 1/ PRE-DOSE	2020-06-01 13:40 (1)	Yes	125
		Day 1/ POST-DOSE	2020-06-01 15:32 (1)		127
		Day 8	2020-06-16 16:08 (16)		115
		Day 15	2020-06-18 11:38 (18)		131
		Day 29/ PRE-DOSE	2020-07-02 15:05 (32)		125
		Day 29/ POST-DOSE	2020-07-02 16:42 (1)		130
		Day 36	2020-07-13 11:03 (12)		114
		Day 43	2020-07-17 13:08 (16)		139
		Day 57	2020-08-05 13:15 (35)		118
	Temperature (C)	Screening	2020-05-27 13:20 (-5)		36.9
		Day 1/ PRE-DOSE	2020-06-01 13:40 (1)	Yes	36.8

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2

Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)

Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2041034	Temperature (C)	Day 1/ POST-DOSE	2020-06-01 15:32 (1)		36.9
		Day 8	2020-06-16 16:08 (16)		36.6
		Day 15	2020-06-18 11:38 (18)		36.5
		Day 29/ PRE-DOSE	2020-07-02 15:05 (32)		36.4
		Day 29/ POST-DOSE	2020-07-02 16:42 (1)		36.5
		Day 36	2020-07-13 11:03 (12)		36.8
		Day 43	2020-07-17 13:08 (16)		36.4
		Day 57	2020-08-05 13:15 (35)		36.8
	Weight (kg)	Screening	2020-05-27 13:20 (-5)		70.8
		Day 1/ PRE-DOSE	2020-06-01 13:40 (1)	Yes	69.9
		Day 1/ POST-DOSE	2020-06-01 15:32 (1)		69.9
		Day 29/ PRE-DOSE	2020-07-02 15:05 (32)		69.6
		Day 29/ POST-DOSE	2020-07-02 16:42 (1)		69.6
		Day 57	2020-08-05 13:15 (35)		72
US2051035	Body Mass Index (kg/m2)	Screening	2020-05-28 14:58 (-7)	Yes	18.9

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2

Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)

Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2051035	Body Mass Index (kg/m2)	Day 57	2020-07-30 11:06 (23)		20
	Diastolic Blood Pressure (mmHg)	Screening	2020-05-28 14:58 (-7)		71
		Day 1/ PRE-DOSE	2020-06-04 08:51 (1)	Yes	57
		Day 1/ POST-DOSE	2020-06-04 11:02 (1)		71
		Day 8	2020-06-12 12:14 (9)		70
		Day 15	2020-06-17 12:10 (14)		72
		Day 29/ PRE-DOSE	2020-07-08 13:14 (35)		70
		Day 29/ POST-DOSE	2020-07-08 15:10 (1)		77
		Day 36	2020-07-15 10:10 (8)		77
		Day 43	2020-07-17 10:10 (10)		66
		Day 57	2020-07-30 11:06 (23)		74
	Height (cm)	Screening	2020-05-28 14:58 (-7)		177
		Day 1/ PRE-DOSE	2020-06-04 08:51 (1)	Yes	177.3
		Day 1/ POST-DOSE	2020-06-04 11:02 (1)		177.3
		Day 29/ PRE-DOSE	2020-07-08 13:14 (35)		177.3

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2

Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)

Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2051035	Height (cm)	Day 29/ POST-DOSE	2020-07-08 15:10 (1)		177.3
		Day 57	2020-07-30 11:06 (23)		177
	Pulse Rate (beats/min)	Screening	2020-05-28 14:58 (-7)		45 G2 Bradycardia
		Day 1/ PRE-DOSE	2020-06-04 08:51 (1)	Yes	56
		Day 1/ POST-DOSE	2020-06-04 11:02 (1)		43 G3 Bradycardia
		Day 8	2020-06-12 12:14 (9)		51 G1 Bradycardia
		Day 15	2020-06-17 12:10 (14)		54 G1 Bradycardia
		Day 29/ PRE-DOSE	2020-07-08 13:14 (35)		54 G1 Bradycardia
		Day 29/ POST-DOSE	2020-07-08 15:10 (1)		56
		Day 36	2020-07-15 10:10 (8)		57
		Day 43	2020-07-17 10:10 (10)		56
		Day 57	2020-07-30 11:06 (23)		47 G2 Bradycardia
	Respiratory Rate (breaths/min)	Screening	2020-05-28 14:58 (-7)		16
		Day 1/ PRE-DOSE	2020-06-04 08:51 (1)	Yes	12
		Day 1/ POST-DOSE	2020-06-04 11:02 (1)		14
		Day 8	2020-06-12 12:14 (9)		14

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2051035	Respiratory Rate (breaths/min)	Day 15	2020-06-17 12:10 (14)		12
		Day 29/ PRE-DOSE	2020-07-08 13:14 (35)		16
		Day 29/ POST-DOSE	2020-07-08 15:10 (1)		12
		Day 36	2020-07-15 10:10 (8)		12
		Day 43	2020-07-17 10:10 (10)		12
		Day 57	2020-07-30 11:06 (23)		12
	Systolic Blood Pressure (mmHg)	Screening	2020-05-28 14:58 (-7)		109
		Day 1/ PRE-DOSE	2020-06-04 08:51 (1)	Yes	95
		Day 1/ POST-DOSE	2020-06-04 11:02 (1)		118
		Day 8	2020-06-12 12:14 (9)		98
		Day 15	2020-06-17 12:10 (14)		106
		Day 29/ PRE-DOSE	2020-07-08 13:14 (35)		103
		Day 29/ POST-DOSE	2020-07-08 15:10 (1)		100
		Day 36	2020-07-15 10:10 (8)		111
		Day 43	2020-07-17 10:10 (10)		105
		Day 57	2020-07-30 11:06 (23)		115
	Temperature (C)	Screening	2020-05-28 14:58 (-7)		36.6

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2051035	Temperature (C)	Day 1/ PRE-DOSE	2020-06-04 08:51 (1)	Yes	36.5
		Day 1/ POST-DOSE	2020-06-04 11:02 (1)		36.6
		Day 8	2020-06-12 12:14 (9)		35.9
		Day 15	2020-06-17 12:10 (14)		36.9
		Day 29/ PRE-DOSE	2020-07-08 13:14 (35)		36.4
		Day 29/ POST-DOSE	2020-07-08 15:10 (1)		36.5
		Day 36	2020-07-15 10:10 (8)		35.9
		Day 43	2020-07-17 10:10 (10)		36.7
		Day 57	2020-07-30 11:06 (23)		36.9
	Weight (kg)	Screening	2020-05-28 14:58 (-7)		59.3
		Day 1/ PRE-DOSE	2020-06-04 08:51 (1)	Yes	60.3
		Day 1/ POST-DOSE	2020-06-04 11:02 (1)		60.3
		Day 29/ PRE-DOSE	2020-07-08 13:14 (35)		60
		Day 29/ POST-DOSE	2020-07-08 15:10 (1)		60
		Day 57	2020-07-30 11:06 (23)		62.7

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2051036	Body Mass Index (kg/m2)	Screening	2020-05-28 15:20 (-5)	Yes	29.9
		Day 57	2020-07-31 13:29 (30)		29.4
	Diastolic Blood Pressure (mmHg)	Screening	2020-05-28 15:20 (-5)		85
		Day 1/ PRE-DOSE	2020-06-02 14:37 (1)	Yes	72
		Day 1/ POST-DOSE	2020-06-02 16:18 (1)		75
		Day 8	2020-06-11 11:50 (10)		94 G1 Diastolic Hypertension
		Day 15	2020-06-19 13:27 (18)		86
		Day 29/ PRE-DOSE	2020-07-02 13:20 (31)		84
		Day 29/ POST-DOSE	2020-07-02 15:37 (1)		96 G2 Diastolic Hypertension
		Day 36	2020-07-10 13:25 (9)		72
		Day 43	2020-07-17 13:35 (16)		80
		Day 57	2020-07-31 13:29 (30)		88
	Height (cm)	Screening	2020-05-28 15:20 (-5)		166.8
		Day 1/ PRE-DOSE	2020-06-02 14:37 (1)	Yes	166.8
		Day 1/ POST-DOSE	2020-06-02 16:18 (1)		166.8

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2051036	Height (cm)	Day 29/ PRE-DOSE	2020-07-02 13:20 (31)		166.8
		Day 29/ POST-DOSE	2020-07-02 15:37 (1)		166.8
		Day 57	2020-07-31 13:29 (30)		166.8
	Pulse Rate (beats/min)	Screening	2020-05-28 15:20 (-5)		73
		Day 1/ PRE-DOSE	2020-06-02 14:37 (1)	Yes	70
		Day 1/ POST-DOSE	2020-06-02 16:18 (1)		71
		Day 8	2020-06-11 11:50 (10)		71
		Day 15	2020-06-19 13:27 (18)		78
		Day 29/ PRE-DOSE	2020-07-02 13:20 (31)		84
		Day 29/ POST-DOSE	2020-07-02 15:37 (1)		96
		Day 36	2020-07-10 13:25 (9)		82
		Day 43	2020-07-17 13:35 (16)		92
		Day 57	2020-07-31 13:29 (30)		84
	Respiratory Rate (breaths/min)	Screening	2020-05-28 15:20 (-5)		15
		Day 1/ PRE-DOSE	2020-06-02 14:37 (1)	Yes	15

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2

Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)

Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2051036	Respiratory Rate (breaths/min)	Day 1/ POST-DOSE	2020-06-02 16:18 (1)		15
		Day 8	2020-06-11 11:50 (10)		14
		Day 15	2020-06-19 13:27 (18)		15
		Day 29/ PRE-DOSE	2020-07-02 13:20 (31)		15
		Day 29/ POST-DOSE	2020-07-02 15:37 (1)		15
		Day 36	2020-07-10 13:25 (9)		15
		Day 43	2020-07-17 13:35 (16)		14
		Day 57	2020-07-31 13:29 (30)		14
	Systolic Blood Pressure (mmHg)	Screening	2020-05-28 15:20 (-5)		121
		Day 1/ PRE-DOSE	2020-06-02 14:37 (1)	Yes	108
		Day 1/ POST-DOSE	2020-06-02 16:18 (1)		101
		Day 8	2020-06-11 11:50 (10)		133
		Day 15	2020-06-19 13:27 (18)		139
		Day 29/ PRE-DOSE	2020-07-02 13:20 (31)		117
		Day 29/ POST-DOSE	2020-07-02 15:37 (1)		136
		Day 36	2020-07-10 13:25 (9)		114

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2051036	Systolic Blood Pressure (mmHg)	Day 43	2020-07-17 13:35 (16)		124
		Day 57	2020-07-31 13:29 (30)		125
	Temperature (C)	Screening	2020-05-28 15:20 (-5)		37.1
		Day 1/ PRE-DOSE	2020-06-02 14:37 (1)	Yes	36.8
		Day 1/ POST-DOSE	2020-06-02 16:18 (1)		36.5
		Day 8	2020-06-11 11:50 (10)		36.5
		Day 15	2020-06-19 13:27 (18)		36.5
		Day 29/ PRE-DOSE	2020-07-02 13:20 (31)		36.9
		Day 29/ POST-DOSE	2020-07-02 15:37 (1)		36.8
		Day 36	2020-07-10 13:25 (9)		37.1
		Day 43	2020-07-17 13:35 (16)		37
		Day 57	2020-07-31 13:29 (30)		36.9
	Weight (kg)	Screening	2020-05-28 15:20 (-5)		83.3
		Day 1/ PRE-DOSE	2020-06-02 14:37 (1)	Yes	82.9
		Day 1/ POST-DOSE	2020-06-02 16:18 (1)		82.9
		Day 29/ PRE-DOSE	2020-07-02 13:20 (31)		80.2

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2051036	Weight (kg)	Day 29/ POST-DOSE	2020-07-02 15:37 (1)		80.2
		Day 57	2020-07-31 13:29 (30)		81.7
US2061021	Body Mass Index (kg/m2)	Screening	2020-05-29 11:08 (-6)	Yes	25.4
		Day 57	2020-07-30 13:05 (29)		25
	Diastolic Blood Pressure (mmHg)	Screening	2020-05-29 11:08 (-6)		73
		Unscheduled	2020-06-01 14:48 (-3)		72
		Day 1/ PRE-DOSE	2020-06-04 15:19 (1)	Yes	62
		Day 1/ POST-DOSE	2020-06-04 17:27 (1)		72
		Day 8	2020-06-11 13:15 (8)		68
		Day 15	2020-06-18 13:15 (15)		61
		Day 29/ PRE-DOSE	2020-07-02 13:06 (29)		74
		Day 29/ POST-DOSE	2020-07-02 15:05 (1)		68
		Day 36	2020-07-10 09:05 (9)		70
		Day 43	2020-07-21 16:16 (20)		73
		Day 57	2020-07-30 13:05 (29)		66
	Height (cm)	Screening	2020-05-29 11:08 (-6)		182

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2061021	Height (cm)	Day 1/ PRE-DOSE	2020-06-04 15:19 (1)	Yes	182
		Day 1/ POST-DOSE	2020-06-04 17:27 (1)		182
		Day 29/ PRE-DOSE	2020-07-02 13:06 (29)		182
		Day 29/ POST-DOSE	2020-07-02 15:05 (1)		182
		Day 57	2020-07-30 13:05 (29)		182
	Pulse Rate (beats/min)	Screening	2020-05-29 11:08 (-6)		49 G2 Bradycardia
		Unscheduled	2020-06-01 14:48 (-3)		55
		Day 1/ PRE-DOSE	2020-06-04 15:19 (1)	Yes	59
		Day 1/ POST-DOSE	2020-06-04 17:27 (1)		50 G1 Bradycardia
		Day 8	2020-06-11 13:15 (8)		57
		Day 15	2020-06-18 13:15 (15)		61
		Day 29/ PRE-DOSE	2020-07-02 13:06 (29)		62
		Day 29/ POST-DOSE	2020-07-02 15:05 (1)		49 G2 Bradycardia
		Day 36	2020-07-10 09:05 (9)		62
		Day 43	2020-07-21 16:16 (20)		62

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2061021	Pulse Rate (beats/min)	Day 57	2020-07-30 13:05 (29)		52 G1 Bradycardia
	Respiratory Rate (breaths/min)	Screening	2020-05-29 11:08 (-6)		16
		Unscheduled	2020-06-01 14:48 (-3)		16
		Day 1/ PRE-DOSE	2020-06-04 15:19 (1)	Yes	16
		Day 1/ POST-DOSE	2020-06-04 17:27 (1)		16
		Day 8	2020-06-11 13:15 (8)		16
		Day 15	2020-06-18 13:15 (15)		16
		Day 29/ PRE-DOSE	2020-07-02 13:06 (29)		16
		Day 29/ POST-DOSE	2020-07-02 15:05 (1)		14
		Day 36	2020-07-10 09:05 (9)		16
		Day 43	2020-07-21 16:16 (20)		16
		Day 57	2020-07-30 13:05 (29)		16
	Systolic Blood Pressure (mmHg)	Screening	2020-05-29 11:08 (-6)		126
		Unscheduled	2020-06-01 14:48 (-3)		120
		Day 1/ PRE-DOSE	2020-06-04 15:19 (1)	Yes	110
		Day 1/ POST-DOSE	2020-06-04 17:27 (1)		122
		Day 8	2020-06-11 13:15 (8)		125

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2061021	Systolic Blood Pressure (mmHg)	Day 15	2020-06-18 13:15 (15)		116
		Day 29/ PRE-DOSE	2020-07-02 13:06 (29)		133
		Day 29/ POST-DOSE	2020-07-02 15:05 (1)		115
		Day 36	2020-07-10 09:05 (9)		116
		Day 43	2020-07-21 16:16 (20)		125
		Day 57	2020-07-30 13:05 (29)		116
	Temperature (C)	Screening	2020-05-29 11:08 (-6)		37.2
		Unscheduled	2020-06-01 14:48 (-3)		36.9
		Day 1/ PRE-DOSE	2020-06-04 15:19 (1)	Yes	37
		Day 1/ POST-DOSE	2020-06-04 17:27 (1)		36.6
		Day 8	2020-06-11 13:15 (8)		37.1
		Day 15	2020-06-18 13:15 (15)		36.8
		Day 29/ PRE-DOSE	2020-07-02 13:06 (29)		36.5
		Day 29/ POST-DOSE	2020-07-02 15:05 (1)		36.8
		Day 36	2020-07-10 09:05 (9)		36.6
		Day 43	2020-07-21 16:16 (20)		36.7
		Day 57	2020-07-30 13:05 (29)		36.8

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2061021	Weight (kg)	Screening	2020-05-29 11:08 (-6)		84
		Day 1/ PRE-DOSE	2020-06-04 15:19 (1)	Yes	84
		Day 1/ POST-DOSE	2020-06-04 17:27 (1)		84
		Day 15	2020-06-18 13:15 (15)		83.2
		Day 29/ PRE-DOSE	2020-07-02 13:06 (29)		82.6
		Day 29/ POST-DOSE	2020-07-02 15:05 (1)		82.6
		Day 57	2020-07-30 13:05 (29)		82.9
US2081026	Body Mass Index (kg/m2)	Screening	2020-05-29 07:38 (-6)	Yes	29.7
		Day 15	2020-06-18 07:35 (15)		29.7
		Day 57	2020-08-06 07:50 (31)		29.7
	Diastolic Blood Pressure (mmHg)	Screening	2020-05-29 07:38 (-6)		74
		Day 1/ PRE-DOSE	2020-06-04 07:04 (1)	Yes	85
		Day 1/ POST-DOSE	2020-06-04 08:52 (1)		79
		Day 8	2020-06-11 07:34 (8)		96 G2 Diastolic Hypertension
		Day 15	2020-06-18 07:35 (15)		83

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2

Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)

Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2081026	Diastolic Blood Pressure (mmHg)	Day 29/ PRE-DOSE	2020-07-07 07:05 (34)		77
		Day 29/ POST-DOSE	2020-07-07 08:44 (1)		90
		Day 36	2020-07-14 08:07 (8)		84
		Day 43	2020-07-21 08:05 (15)		82
		Day 57	2020-08-06 07:50 (31)		80
	Height (cm)	Screening	2020-05-29 07:38 (-6)		154.9
		Day 1/ PRE-DOSE	2020-06-04 07:04 (1)	Yes	154.9
		Day 1/ POST-DOSE	2020-06-04 08:52 (1)		154.9
		Day 15	2020-06-18 07:35 (15)		154.9
		Day 29/ PRE-DOSE	2020-07-07 07:05 (34)		154.9
		Day 29/ POST-DOSE	2020-07-07 08:44 (1)		154.9
		Day 57	2020-08-06 07:50 (31)		154.9
	Pulse Rate (beats/min)	Screening	2020-05-29 07:38 (-6)		72
		Day 1/ PRE-DOSE	2020-06-04 07:04 (1)	Yes	89
		Day 1/ POST-DOSE	2020-06-04 08:52 (1)		81

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2081026	Pulse Rate (beats/min)	Day 8	2020-06-11 07:34 (8)		81
		Day 15	2020-06-18 07:35 (15)		79
		Day 29/ PRE-DOSE	2020-07-07 07:05 (34)		87
		Day 29/ POST-DOSE	2020-07-07 08:44 (1)		67
		Day 36	2020-07-14 08:07 (8)		84
		Day 43	2020-07-21 08:05 (15)		52 G1 Bradycardia
		Day 57	2020-08-06 07:50 (31)		68
	Respiratory Rate (breaths/min)	Screening	2020-05-29 07:38 (-6)		18 G1 Respiratory Rate Increased
		Day 1/ PRE-DOSE	2020-06-04 07:04 (1)	Yes	16
		Day 1/ POST-DOSE	2020-06-04 08:52 (1)		17 G1 Respiratory Rate Increased
		Day 8	2020-06-11 07:34 (8)		18 G1 Respiratory Rate Increased
		Day 15	2020-06-18 07:35 (15)		17 G1 Respiratory Rate Increased
		Day 29/ PRE-DOSE	2020-07-07 07:05 (34)		17 G1 Respiratory Rate Increased
		Day 29/ POST-DOSE	2020-07-07 08:44 (1)		16

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2081026	Respiratory Rate (breaths/min)	Day 36	2020-07-14 08:07 (8)		20 G1 Respiratory Rate Increased
		Day 43	2020-07-21 08:05 (15)		17 G1 Respiratory Rate Increased
		Day 57	2020-08-06 07:50 (31)		17 G1 Respiratory Rate Increased
	Systolic Blood Pressure (mmHg)	Screening	2020-05-29 07:38 (-6)		113
		Day 1/ PRE-DOSE	2020-06-04 07:04 (1)	Yes	122
		Day 1/ POST-DOSE	2020-06-04 08:52 (1)		116
		Day 8	2020-06-11 07:34 (8)		130
		Day 15	2020-06-18 07:35 (15)		124
		Day 29/ PRE-DOSE	2020-07-07 07:05 (34)		126
		Day 29/ POST-DOSE	2020-07-07 08:44 (1)		135
		Day 36	2020-07-14 08:07 (8)		138
		Day 43	2020-07-21 08:05 (15)		120
		Day 57	2020-08-06 07:50 (31)		138
	Temperature (C)	Screening	2020-05-29 07:38 (-6)		37.1
		Day 1/ PRE-DOSE	2020-06-04 07:04 (1)	Yes	36.7

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2081026	Temperature (C)	Day 1/ POST-DOSE	2020-06-04 08:52 (1)		36.8
		Day 8	2020-06-11 07:34 (8)		36.5
		Day 15	2020-06-18 07:35 (15)		36.7
		Day 29/ PRE-DOSE	2020-07-07 07:05 (34)		36.6
		Day 29/ POST-DOSE	2020-07-07 08:44 (1)		36.7
		Day 36	2020-07-14 08:07 (8)		36.7
		Day 43	2020-07-21 08:05 (15)		36.5
		Day 57	2020-08-06 07:50 (31)		36.8
	Weight (kg)	Screening	2020-05-29 07:38 (-6)		71.4
		Day 1/ PRE-DOSE	2020-06-04 07:04 (1)	Yes	70.9
		Day 1/ POST-DOSE	2020-06-04 08:52 (1)		70.9
		Day 15	2020-06-18 07:35 (15)		71.4
		Day 29/ PRE-DOSE	2020-07-07 07:05 (34)		68.6
		Day 29/ POST-DOSE	2020-07-07 08:44 (1)		68.6
		Day 57	2020-08-06 07:50 (31)		71.4

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2081042	Body Mass Index (kg/m2)	Screening	2020-06-01 12:09 (-9)	Yes	22.5
		Day 15	2020-06-24 09:10 (15)		22.5
		Day 57	2020-08-06 07:54 (30)		22.4
	Diastolic Blood Pressure (mmHg)	Screening	2020-06-01 12:09 (-9)		78
		Day 1/ PRE-DOSE	2020-06-10 07:08 (1)	Yes	78
		Day 1/ POST-DOSE	2020-06-10 08:43 (1)		82
		Day 8	2020-06-17 08:12 (8)		99 G2 Diastolic Hypertension
		Day 15	2020-06-24 09:10 (15)		80
		Day 29/ PRE-DOSE	2020-07-08 07:10 (29)		76
		Day 29/ POST-DOSE	2020-07-08 09:05 (1)		83
		Day 36	2020-07-16 08:27 (9)		90
		Day 43	2020-07-23 08:00 (16)		80
		Day 57	2020-08-06 07:54 (30)		91 G1 Diastolic Hypertension
	Height (cm)	Screening	2020-06-01 12:09 (-9)		163.8
		Day 1/ PRE-DOSE	2020-06-10 07:08 (1)	Yes	163.8

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2081042	Height (cm)	Day 1/ POST-DOSE	2020-06-10 08:43 (1)		163.8
		Day 15	2020-06-24 09:10 (15)		163.8
		Day 29/ PRE-DOSE	2020-07-08 07:10 (29)		163.8
		Day 29/ POST-DOSE	2020-07-08 09:05 (1)		163.8
		Day 57	2020-08-06 07:54 (30)		166.1
	Pulse Rate (beats/min)	Screening	2020-06-01 12:09 (-9)		62
		Day 1/ PRE-DOSE	2020-06-10 07:08 (1)	Yes	62
		Day 1/ POST-DOSE	2020-06-10 08:43 (1)		71
		Day 8	2020-06-17 08:12 (8)		74
		Day 15	2020-06-24 09:10 (15)		74
		Day 29/ PRE-DOSE	2020-07-08 07:10 (29)		52 G1 Bradycardia
		Day 29/ POST-DOSE	2020-07-08 09:05 (1)		68
		Day 36	2020-07-16 08:27 (9)		64
		Day 43	2020-07-23 08:00 (16)		81
		Day 57	2020-08-06 07:54 (30)		61
	Respiratory Rate (breaths/min)	Screening	2020-06-01 12:09 (-9)		16

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2081042	Respiratory Rate (breaths/min)	Day 1/ PRE-DOSE	2020-06-10 07:08 (1)	Yes	16
		Day 1/ POST-DOSE	2020-06-10 08:43 (1)		17 G1 Respiratory Rate Increased
		Day 8	2020-06-17 08:12 (8)		15
		Day 15	2020-06-24 09:10 (15)		17 G1 Respiratory Rate Increased
		Day 29/ PRE-DOSE	2020-07-08 07:10 (29)		17 G1 Respiratory Rate Increased
		Day 29/ POST-DOSE	2020-07-08 09:05 (1)		17 G1 Respiratory Rate Increased
		Day 36	2020-07-16 08:27 (9)		12
		Day 43	2020-07-23 08:00 (16)		17 G1 Respiratory Rate Increased
		Day 57	2020-08-06 07:54 (30)		17 G1 Respiratory Rate Increased
	Systolic Blood Pressure (mmHg)	Screening	2020-06-01 12:09 (-9)		138
		Day 1/ PRE-DOSE	2020-06-10 07:08 (1)	Yes	138
		Day 1/ POST-DOSE	2020-06-10 08:43 (1)		130
		Day 8	2020-06-17 08:12 (8)		135
		Day 15	2020-06-24 09:10 (15)		125

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2081042	Systolic Blood Pressure (mmHg)	Day 29/ PRE-DOSE	2020-07-08 07:10 (29)		116
		Day 29/ POST-DOSE	2020-07-08 09:05 (1)		125
		Day 36	2020-07-16 08:27 (9)		120
		Day 43	2020-07-23 08:00 (16)		117
		Day 57	2020-08-06 07:54 (30)		145 G1 Systolic Hypertension
	Temperature (C)	Screening	2020-06-01 12:09 (-9)		36.6
		Day 1/ PRE-DOSE	2020-06-10 07:08 (1)	Yes	36.6
		Day 1/ POST-DOSE	2020-06-10 08:43 (1)		36.6
		Day 8	2020-06-17 08:12 (8)		36.7
		Day 15	2020-06-24 09:10 (15)		36.8
		Day 29/ PRE-DOSE	2020-07-08 07:10 (29)		36.6
		Day 29/ POST-DOSE	2020-07-08 09:05 (1)		36.7
		Day 36	2020-07-16 08:27 (9)		36.8
		Day 43	2020-07-23 08:00 (16)		36.8
		Day 57	2020-08-06 07:54 (30)		36.6
	Weight (kg)	Screening	2020-06-01 12:09 (-9)		60.3

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2081042	Weight (kg)	Day 1/ PRE-DOSE	2020-06-10 07:08 (1)	Yes	60.3
		Day 1/ POST-DOSE	2020-06-10 08:43 (1)		60.3
		Day 15	2020-06-24 09:10 (15)		60.5
		Day 29/ PRE-DOSE	2020-07-08 07:10 (29)		59.6
		Day 29/ POST-DOSE	2020-07-08 09:05 (1)		59.6
		Day 57	2020-08-06 07:54 (30)		61.8
US2081046	Body Mass Index (kg/m2)	Screening	2020-06-02 07:43 (-6)	Yes	28.3
		Day 15	2020-06-24 08:14 (17)		28.7
		Day 57	2020-08-07 07:35 (30)		28.6
	Diastolic Blood Pressure (mmHg)	Screening	2020-06-02 07:43 (-6)		88
		Day 1/ PRE-DOSE	2020-06-08 15:15 (1)	Yes	76
		Day 1/ POST-DOSE	2020-06-08 16:42 (1)		89
		Day 8	2020-06-16 08:09 (9)		84
		Day 15	2020-06-24 08:14 (17)		86
		Day 29/ PRE-DOSE	2020-07-09 07:13 (32)		76

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2081046	Diastolic Blood Pressure (mmHg)	Day 29/ POST-DOSE	2020-07-09 09:03 (1)		76
		Day 36	2020-07-17 07:07 (9)		96 G2 Diastolic Hypertension
		Day 43	2020-07-24 07:35 (16)		91 G1 Diastolic Hypertension
		Day 57	2020-08-07 07:35 (30)		82
	Height (cm)	Screening	2020-06-02 07:43 (-6)		188
		Day 1/ PRE-DOSE	2020-06-08 15:15 (1)	Yes	188
		Day 1/ POST-DOSE	2020-06-08 16:42 (1)		188
		Day 15	2020-06-24 08:14 (17)		188
		Day 29/ PRE-DOSE	2020-07-09 07:13 (32)		188
		Day 29/ POST-DOSE	2020-07-09 09:03 (1)		188
		Day 57	2020-08-07 07:35 (30)		188
	Pulse Rate (beats/min)	Screening	2020-06-02 07:43 (-6)		66
		Day 1/ PRE-DOSE	2020-06-08 15:15 (1)	Yes	72
		Day 1/ POST-DOSE	2020-06-08 16:42 (1)		64

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2081046	Pulse Rate (beats/min)	Day 8	2020-06-16 08:09 (9)		75
		Day 15	2020-06-24 08:14 (17)		79
		Day 29/ PRE-DOSE	2020-07-09 07:13 (32)		58
		Day 29/ POST-DOSE	2020-07-09 09:03 (1)		54 G1 Bradycardia
		Day 36	2020-07-17 07:07 (9)		77
		Day 43	2020-07-24 07:35 (16)		80
		Day 57	2020-08-07 07:35 (30)		68
	Respiratory Rate (breaths/min)	Screening	2020-06-02 07:43 (-6)		16
		Day 1/ PRE-DOSE	2020-06-08 15:15 (1)	Yes	17 G1 Respiratory Rate Increased
		Day 1/ POST-DOSE	2020-06-08 16:42 (1)		17 G1 Respiratory Rate Increased
		Day 8	2020-06-16 08:09 (9)		16
		Day 15	2020-06-24 08:14 (17)		16
		Day 29/ PRE-DOSE	2020-07-09 07:13 (32)		19 G1 Respiratory Rate Increased
		Day 29/ POST-DOSE	2020-07-09 09:03 (1)		18 G1 Respiratory Rate Increased
		Day 36	2020-07-17 07:07 (9)		18 G1 Respiratory Rate Increased

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2081046	Respiratory Rate (breaths/min)	Day 43	2020-07-24 07:35 (16)		17 G1 Respiratory Rate Increased
		Day 57	2020-08-07 07:35 (30)		17 G1 Respiratory Rate Increased
	Systolic Blood Pressure (mmHg)	Screening	2020-06-02 07:43 (-6)		134
		Day 1/ PRE-DOSE	2020-06-08 15:15 (1)	Yes	122
		Day 1/ POST-DOSE	2020-06-08 16:42 (1)		135
		Day 8	2020-06-16 08:09 (9)		131
		Day 15	2020-06-24 08:14 (17)		140
		Day 29/ PRE-DOSE	2020-07-09 07:13 (32)		130
		Day 29/ POST-DOSE	2020-07-09 09:03 (1)		132
		Day 36	2020-07-17 07:07 (9)		139
		Day 43	2020-07-24 07:35 (16)		142 G1 Systolic Hypertension
		Day 57	2020-08-07 07:35 (30)		145 G1 Systolic Hypertension
	Temperature (C)	Screening	2020-06-02 07:43 (-6)		36.7
		Day 1/ PRE-DOSE	2020-06-08 15:15 (1)	Yes	35.7

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2

Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)

Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2081046	Temperature (C)	Day 1/ POST-DOSE	2020-06-08 16:42 (1)		36.9
		Day 8	2020-06-16 08:09 (9)		36.9
		Day 15	2020-06-24 08:14 (17)		36.6
		Day 29/ PRE-DOSE	2020-07-09 07:13 (32)		36.7
		Day 29/ POST-DOSE	2020-07-09 09:03 (1)		36.7
		Day 36	2020-07-17 07:07 (9)		36.7
		Day 43	2020-07-24 07:35 (16)		36.7
		Day 57	2020-08-07 07:35 (30)		36.8
	Weight (kg)	Screening	2020-06-02 07:43 (-6)		99.8
		Day 1/ PRE-DOSE	2020-06-08 15:15 (1)	Yes	99.8
		Day 1/ POST-DOSE	2020-06-08 16:42 (1)		99.8
		Day 15	2020-06-24 08:14 (17)		101.4
		Day 29/ PRE-DOSE	2020-07-09 07:13 (32)		100.8
		Day 29/ POST-DOSE	2020-07-09 09:03 (1)		100.8
		Day 57	2020-08-07 07:35 (30)		100.9

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2081057	Body Mass Index (kg/m2)	Screening	2020-06-03 15:13 (-2)	Yes	28.3
		Day 15	2020-06-19 11:14 (15)		28.1
		Day 57	2020-08-05 11:32 (28)		28.2
	Diastolic Blood Pressure (mmHg)	Screening	2020-06-03 15:13 (-2)		88
		Day 1/ PRE-DOSE	2020-06-05 13:15 (1)	Yes	70
		Day 1/ POST-DOSE	2020-06-05 14:47 (1)		60
		Day 8	2020-06-12 13:03 (8)		92 G1 Diastolic Hypertension
		Day 15	2020-06-19 11:14 (15)		70
		Day 29/ PRE-DOSE	2020-07-09 12:05 (35)		82
		Day 29/ POST-DOSE	2020-07-09 13:49 (1)		78
		Day 36	2020-07-17 11:00 (9)		88
		Day 43	2020-07-23 14:05 (15)		83
		Day 57	2020-08-05 11:32 (28)		90
	Height (cm)	Screening	2020-06-03 15:13 (-2)		166.4
		Day 1/ PRE-DOSE	2020-06-05 13:15 (1)	Yes	166.4
		Day 1/ POST-DOSE	2020-06-05 14:47 (1)		166.4

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2081057	Height (cm)	Day 15	2020-06-19 11:14 (15)		166.4
		Day 29/ PRE-DOSE	2020-07-09 12:05 (35)		166.4
		Day 29/ POST-DOSE	2020-07-09 13:49 (1)		166.4
		Day 57	2020-08-05 11:32 (28)		166.4
	Pulse Rate (beats/min)	Screening	2020-06-03 15:13 (-2)		80
		Day 1/ PRE-DOSE	2020-06-05 13:15 (1)	Yes	58
		Day 1/ POST-DOSE	2020-06-05 14:47 (1)		70
		Day 8	2020-06-12 13:03 (8)		62
		Day 15	2020-06-19 11:14 (15)		62
		Day 29/ PRE-DOSE	2020-07-09 12:05 (35)		60
		Day 29/ POST-DOSE	2020-07-09 13:49 (1)		60
		Day 36	2020-07-17 11:00 (9)		70
		Day 43	2020-07-23 14:05 (15)		87
		Day 57	2020-08-05 11:32 (28)		81
	Respiratory Rate (breaths/min)	Screening	2020-06-03 15:13 (-2)		14
		Day 1/ PRE-DOSE	2020-06-05 13:15 (1)	Yes	17 G1 Respiratory Rate Increased

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2081057	Respiratory Rate (breaths/min)	Day 1/ POST-DOSE	2020-06-05 14:47 (1)		17 G1 Respiratory Rate Increased
		Day 8	2020-06-12 13:03 (8)		18 G1 Respiratory Rate Increased
		Day 15	2020-06-19 11:14 (15)		17 G1 Respiratory Rate Increased
		Day 29/ PRE-DOSE	2020-07-09 12:05 (35)		17 G1 Respiratory Rate Increased
		Day 29/ POST-DOSE	2020-07-09 13:49 (1)		17 G1 Respiratory Rate Increased
		Day 36	2020-07-17 11:00 (9)		17 G1 Respiratory Rate Increased
		Day 43	2020-07-23 14:05 (15)		18 G1 Respiratory Rate Increased
		Day 57	2020-08-05 11:32 (28)		17 G1 Respiratory Rate Increased
	Systolic Blood Pressure (mmHg)	Screening	2020-06-03 15:13 (-2)		134
		Day 1/ PRE-DOSE	2020-06-05 13:15 (1)	Yes	120
		Day 1/ POST-DOSE	2020-06-05 14:47 (1)		118
		Day 8	2020-06-12 13:03 (8)		142 G1 Systolic Hypertension

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2081057	Systolic Blood Pressure (mmHg)	Day 15	2020-06-19 11:14 (15)		130
		Day 29/ PRE-DOSE	2020-07-09 12:05 (35)		120
		Day 29/ POST-DOSE	2020-07-09 13:49 (1)		136
		Day 36	2020-07-17 11:00 (9)		120
		Day 43	2020-07-23 14:05 (15)		141 G1 Systolic Hypertension
		Day 57	2020-08-05 11:32 (28)		152 G2 Systolic Hypertension
	Temperature (C)	Screening	2020-06-03 15:13 (-2)		36.6
		Day 1/ PRE-DOSE	2020-06-05 13:15 (1)	Yes	36.7
		Day 1/ POST-DOSE	2020-06-05 14:47 (1)		37.1
		Day 8	2020-06-12 13:03 (8)		36.7
		Day 15	2020-06-19 11:14 (15)		36.7
		Day 29/ PRE-DOSE	2020-07-09 12:05 (35)		36.2
		Day 29/ POST-DOSE	2020-07-09 13:49 (1)		36.8
		Day 36	2020-07-17 11:00 (9)		36.8
		Day 43	2020-07-23 14:05 (15)		36.9

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2081057	Temperature (C)	Day 57	2020-08-05 11:32 (28)		36.9
	Weight (kg)	Screening	2020-06-03 15:13 (-2)		78.5
		Day 1/ PRE-DOSE	2020-06-05 13:15 (1)	Yes	78.5
		Day 1/ POST-DOSE	2020-06-05 14:47 (1)		78.5
		Day 15	2020-06-19 11:14 (15)		77.7
		Day 29/ PRE-DOSE	2020-07-09 12:05 (35)		78.2
		Day 29/ POST-DOSE	2020-07-09 13:49 (1)		78.2
		Day 57	2020-08-05 11:32 (28)		78.2

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2

Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)

Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2011061	Body Mass Index (kg/m2)	Screening	2020-05-28 10:03 (-6)	Yes	25.4
		Day 57	2020-08-03 13:09 (33)		25.8
	Diastolic Blood Pressure (mmHg)	Screening	2020-05-28 10:03 (-6)		89
		Day 1/ PRE-DOSE	2020-06-03 16:29 (1)	Yes	86
		Day 1/ POST-DOSE	2020-06-03 18:42 (1)		85
		Day 8	2020-06-10 14:55 (8)		88
		Day 15	2020-06-18 16:19 (16)		91 G1 Diastolic Hypertension
		Unscheduled	2020-06-18 16:19 (16)		91 G1 Diastolic Hypertension
		Day 29/ PRE-DOSE	2020-07-02 15:25 (30)		90
		Day 29/ POST-DOSE	2020-07-02 17:53 (1)		88
		Day 36	2020-07-09 12:28 (8)		99 G2 Diastolic Hypertension
		Day 43	2020-07-16 12:19 (15)		90
		Day 57	2020-08-03 13:09 (33)		78
	Height (cm)	Screening	2020-05-28 10:03 (-6)		174
		Day 1/ PRE-DOSE	2020-06-03 16:29 (1)	Yes	174

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2

Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)

Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2011061	Height (cm)	Day 1/ POST-DOSE	2020-06-03 18:42 (1)		174
		Day 29/ PRE-DOSE	2020-07-02 15:25 (30)		174
		Day 29/ POST-DOSE	2020-07-02 17:53 (1)		174
		Day 57	2020-08-03 13:09 (33)		176.5
	Pulse Rate (beats/min)	Screening	2020-05-28 10:03 (-6)		77
		Day 1/ PRE-DOSE	2020-06-03 16:29 (1)	Yes	85
		Day 1/ POST-DOSE	2020-06-03 18:42 (1)		75
		Day 8	2020-06-10 14:55 (8)		73
		Day 15	2020-06-18 16:19 (16)		83
		Unscheduled	2020-06-18 16:19 (16)		83
		Day 29/ PRE-DOSE	2020-07-02 15:25 (30)		87
		Day 29/ POST-DOSE	2020-07-02 17:53 (1)		88
		Day 36	2020-07-09 12:28 (8)		70
		Day 43	2020-07-16 12:19 (15)		70
		Day 57	2020-08-03 13:09 (33)		84
	Respiratory Rate (breaths/min)	Screening	2020-05-28 10:03 (-6)		14

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2011061	Respiratory Rate (breaths/min)	Day 1/ PRE-DOSE	2020-06-03 16:29 (1)	Yes	14
		Day 1/ POST-DOSE	2020-06-03 18:42 (1)		14
		Day 8	2020-06-10 14:55 (8)		15
		Day 15	2020-06-18 16:19 (16)		14
		Unscheduled	2020-06-18 16:19 (16)		14
		Day 29/ PRE-DOSE	2020-07-02 15:25 (30)		14
		Day 29/ POST-DOSE	2020-07-02 17:53 (1)		14
		Day 36	2020-07-09 12:28 (8)		14
		Day 43	2020-07-16 12:19 (15)		16
		Day 57	2020-08-03 13:09 (33)		14
	Systolic Blood Pressure (mmHg)	Screening	2020-05-28 10:03 (-6)		143 G1 Systolic Hypertension
		Day 1/ PRE-DOSE	2020-06-03 16:29 (1)	Yes	139
		Day 1/ POST-DOSE	2020-06-03 18:42 (1)		135
		Day 8	2020-06-10 14:55 (8)		130
		Day 15	2020-06-18 16:19 (16)		123
		Unscheduled	2020-06-18 16:19 (16)		123

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2

Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)

Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2011061	Systolic Blood Pressure (mmHg)	Day 29/ PRE-DOSE	2020-07-02 15:25 (30)		122
		Day 29/ POST-DOSE	2020-07-02 17:53 (1)		124
		Day 36	2020-07-09 12:28 (8)		138
		Day 43	2020-07-16 12:19 (15)		137
		Day 57	2020-08-03 13:09 (33)		119
	Temperature (C)	Screening	2020-05-28 10:03 (-6)		36.9
		Day 1/ PRE-DOSE	2020-06-03 16:29 (1)	Yes	36.9
		Day 1/ POST-DOSE	2020-06-03 18:42 (1)		37.1
		Day 8	2020-06-10 14:55 (8)		37.1
		Day 15	2020-06-18 16:19 (16)		36.8
		Unscheduled	2020-06-18 16:19 (16)		36.8
		Day 29/ PRE-DOSE	2020-07-02 15:25 (30)		37.2
		Day 29/ POST-DOSE	2020-07-02 17:53 (1)		37.1
		Day 36	2020-07-09 12:28 (8)		37.1
		Day 43	2020-07-16 12:19 (15)		36.8
		Day 57	2020-08-03 13:09 (33)		37.1
	Weight (kg)	Screening	2020-05-28 10:03 (-6)		76.8

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2011061	Weight (kg)	Day 1/ PRE-DOSE	2020-06-03 16:29 (1)	Yes	77.7
		Day 1/ POST-DOSE	2020-06-03 18:42 (1)		77.7
		Day 29/ PRE-DOSE	2020-07-02 15:25 (30)		78.6
		Day 29/ POST-DOSE	2020-07-02 17:53 (1)		78.6
		Day 57	2020-08-03 13:09 (33)		80.4
US2011084	Body Mass Index (kg/m2)	Screening	2020-05-29 13:19 (-4)	Yes	27.5
		Day 57	2020-07-28 07:32 (29)		28.5
	Diastolic Blood Pressure (mmHg)	Screening	2020-05-29 13:19 (-4)		86
		Day 1/ PRE-DOSE	2020-06-02 07:17 (1)	Yes	76
		Day 1/ POST-DOSE	2020-06-02 10:02 (1)		73
		Day 8	2020-06-09 07:22 (8)		71
		Day 15	2020-06-16 07:09 (15)		74
		Day 29/ PRE-DOSE	2020-06-30 07:14 (29)		66
		Day 29/ POST-DOSE	2020-06-30 09:23 (1)		68

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2011084	Diastolic Blood Pressure (mmHg)	Day 36	2020-07-07 07:22 (8)		70
		Day 43	2020-07-14 07:15 (15)		76
		Day 57	2020-07-28 07:32 (29)		83
	Height (cm)	Screening	2020-05-29 13:19 (-4)		170.2
		Day 1/ PRE-DOSE	2020-06-02 07:17 (1)	Yes	170.2
		Day 1/ POST-DOSE	2020-06-02 10:02 (1)		170.2
		Day 29/ PRE-DOSE	2020-06-30 07:14 (29)		170.2
		Day 29/ POST-DOSE	2020-06-30 09:23 (1)		170.2
		Day 57	2020-07-28 07:32 (29)		170.2
	Pulse Rate (beats/min)	Screening	2020-05-29 13:19 (-4)		78
		Day 1/ PRE-DOSE	2020-06-02 07:17 (1)	Yes	68
		Day 1/ POST-DOSE	2020-06-02 10:02 (1)		59
		Day 8	2020-06-09 07:22 (8)		55
		Day 15	2020-06-16 07:09 (15)		48 G2 Bradycardia
		Day 29/ PRE-DOSE	2020-06-30 07:14 (29)		50 G1 Bradycardia

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2

Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)

Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2011084	Pulse Rate (beats/min)	Day 29/ POST-DOSE	2020-06-30 09:23 (1)		47 G2 Bradycardia
		Day 36	2020-07-07 07:22 (8)		52 G1 Bradycardia
		Day 43	2020-07-14 07:15 (15)		52 G1 Bradycardia
		Day 57	2020-07-28 07:32 (29)		66
	Respiratory Rate (breaths/min)	Screening	2020-05-29 13:19 (-4)		12
		Day 1/ PRE-DOSE	2020-06-02 07:17 (1)	Yes	16
		Day 1/ POST-DOSE	2020-06-02 10:02 (1)		16
		Day 8	2020-06-09 07:22 (8)		14
		Day 15	2020-06-16 07:09 (15)		12
		Day 29/ PRE-DOSE	2020-06-30 07:14 (29)		12
		Day 29/ POST-DOSE	2020-06-30 09:23 (1)		12
		Day 36	2020-07-07 07:22 (8)		12
		Day 43	2020-07-14 07:15 (15)		12
		Day 57	2020-07-28 07:32 (29)		12
	Systolic Blood Pressure (mmHg)	Screening	2020-05-29 13:19 (-4)		126
		Day 1/ PRE-DOSE	2020-06-02 07:17 (1)	Yes	118

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2

Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)

Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2011084	Systolic Blood Pressure (mmHg)	Day 1/ POST-DOSE	2020-06-02 10:02 (1)		126
		Day 8	2020-06-09 07:22 (8)		120
		Day 15	2020-06-16 07:09 (15)		117
		Day 29/ PRE-DOSE	2020-06-30 07:14 (29)		134
		Day 29/ POST-DOSE	2020-06-30 09:23 (1)		138
		Day 36	2020-07-07 07:22 (8)		122
		Day 43	2020-07-14 07:15 (15)		120
		Day 57	2020-07-28 07:32 (29)		126
	Temperature (C)	Screening	2020-05-29 13:19 (-4)		36.9
		Day 1/ PRE-DOSE	2020-06-02 07:17 (1)	Yes	36.8
		Day 1/ POST-DOSE	2020-06-02 10:02 (1)		36.7
		Day 8	2020-06-09 07:22 (8)		36.9
		Day 15	2020-06-16 07:09 (15)		36.6
		Day 29/ PRE-DOSE	2020-06-30 07:14 (29)		36.4
		Day 29/ POST-DOSE	2020-06-30 09:23 (1)		36.8
		Day 36	2020-07-07 07:22 (8)		36.5

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2

Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)

Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2011084	Temperature (C)	Day 43	2020-07-14 07:15 (15)		36.8
		Day 57	2020-07-28 07:32 (29)		37.1
	Weight (kg)	Screening	2020-05-29 13:19 (-4)		79.5
		Day 1/ PRE-DOSE	2020-06-02 07:17 (1)	Yes	79.5
		Day 1/ POST-DOSE	2020-06-02 10:02 (1)		79.5
		Day 29/ PRE-DOSE	2020-06-30 07:14 (29)		82.5
		Day 29/ POST-DOSE	2020-06-30 09:23 (1)		82.5
		Day 57	2020-07-28 07:32 (29)		82.6
US2031057	Body Mass Index (kg/m2)	Screening	2020-05-28 15:07 (-6)	Yes	21.5
		Day 15	2020-06-17 09:06 (15)		21.5
		Day 57	2020-07-30 09:03 (30)		21.7
	Diastolic Blood Pressure (mmHg)	Screening	2020-05-28 15:07 (-6)		87
		Day 1/ PRE-DOSE	2020-06-03 10:07 (1)	Yes	75
		Day 1/ POST-DOSE	2020-06-03 11:57 (1)		79
		Day 8	2020-06-10 10:06 (8)		86
		Day 15	2020-06-17 09:06 (15)		81

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2031057	Diastolic Blood Pressure (mmHg)	Day 29/ PRE-DOSE	2020-07-01 07:35 (29)		67
		Day 29/ POST-DOSE	2020-07-01 09:26 (1)		83
		Day 36	2020-07-08 08:48 (8)		62
		Day 43	2020-07-15 08:39 (15)		74
		Day 57	2020-07-30 09:03 (30)		82
	Height (cm)	Screening	2020-05-28 15:07 (-6)		181.6
		Day 1/ PRE-DOSE	2020-06-03 10:07 (1)	Yes	181.6
		Day 1/ POST-DOSE	2020-06-03 11:57 (1)		181.6
		Day 15	2020-06-17 09:06 (15)		181.6
		Day 29/ PRE-DOSE	2020-07-01 07:35 (29)		181.6
		Day 29/ POST-DOSE	2020-07-01 09:26 (1)		181.6
		Day 57	2020-07-30 09:03 (30)		181.6
	Pulse Rate (beats/min)	Screening	2020-05-28 15:07 (-6)		47 G2 Bradycardia
		Day 1/ PRE-DOSE	2020-06-03 10:07 (1)	Yes	58
		Day 1/ POST-DOSE	2020-06-03 11:57 (1)		51 G1 Bradycardia

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2031057	Pulse Rate (beats/min)	Day 8	2020-06-10 10:06 (8)		55
		Day 15	2020-06-17 09:06 (15)		53 G1 Bradycardia
		Day 29/ PRE-DOSE	2020-07-01 07:35 (29)		49 G2 Bradycardia
		Day 29/ POST-DOSE	2020-07-01 09:26 (1)		47 G2 Bradycardia
		Day 36	2020-07-08 08:48 (8)		48 G2 Bradycardia
		Day 43	2020-07-15 08:39 (15)		50 G1 Bradycardia
		Day 57	2020-07-30 09:03 (30)		53 G1 Bradycardia
	Respiratory Rate (breaths/min)	Screening	2020-05-28 15:07 (-6)		14
		Day 1/ PRE-DOSE	2020-06-03 10:07 (1)	Yes	16
		Day 1/ POST-DOSE	2020-06-03 11:57 (1)		15
		Day 8	2020-06-10 10:06 (8)		15
		Day 15	2020-06-17 09:06 (15)		17 G1 Respiratory Rate Increased
		Day 29/ PRE-DOSE	2020-07-01 07:35 (29)		15
		Day 29/ POST-DOSE	2020-07-01 09:26 (1)		15
		Day 36	2020-07-08 08:48 (8)		14
		Day 43	2020-07-15 08:39 (15)		15

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2

Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)

Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2031057	Respiratory Rate (breaths/min)	Day 57	2020-07-30 09:03 (30)		16
	Systolic Blood Pressure (mmHg)	Screening	2020-05-28 15:07 (-6)		130
		Day 1/ PRE-DOSE	2020-06-03 10:07 (1)	Yes	115
		Day 1/ POST-DOSE	2020-06-03 11:57 (1)		116
		Day 8	2020-06-10 10:06 (8)		132
		Day 15	2020-06-17 09:06 (15)		128
		Day 29/ PRE-DOSE	2020-07-01 07:35 (29)		114
		Day 29/ POST-DOSE	2020-07-01 09:26 (1)		126
		Day 36	2020-07-08 08:48 (8)		110
		Day 43	2020-07-15 08:39 (15)		111
		Day 57	2020-07-30 09:03 (30)		116
	Temperature (C)	Screening	2020-05-28 15:07 (-6)		36.5
		Day 1/ PRE-DOSE	2020-06-03 10:07 (1)	Yes	36.9
		Day 1/ POST-DOSE	2020-06-03 11:57 (1)		36.9
		Day 8	2020-06-10 10:06 (8)		36.6
		Day 15	2020-06-17 09:06 (15)		36.5

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2031057	Temperature (C)	Day 29/ PRE-DOSE	2020-07-01 07:35 (29)		36.5
		Day 29/ POST-DOSE	2020-07-01 09:26 (1)		36.6
		Day 36	2020-07-08 08:48 (8)		36.5
		Day 43	2020-07-15 08:39 (15)		36.4
		Day 57	2020-07-30 09:03 (30)		36.5
	Weight (kg)	Screening	2020-05-28 15:07 (-6)		70.8
		Day 1/ PRE-DOSE	2020-06-03 10:07 (1)	Yes	70.9
		Day 1/ POST-DOSE	2020-06-03 11:57 (1)		70.9
		Day 15	2020-06-17 09:06 (15)		70.9
		Day 29/ PRE-DOSE	2020-07-01 07:35 (29)		69.9
		Day 29/ POST-DOSE	2020-07-01 09:26 (1)		69.9
		Day 57	2020-07-30 09:03 (30)		71.6
US2041077	Body Mass Index (kg/m2)	Screening	2020-05-29 10:55 (-5)	Yes	21.4
		Day 57	2020-07-27 13:25 (27)		21.2
	Diastolic Blood Pressure (mmHg)	Screening	2020-05-29 10:55 (-5)		78

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2041077	Diastolic Blood Pressure (mmHg)	Day 1/ PRE-DOSE	2020-06-03 13:24 (1)	Yes	89
		Day 1/ POST-DOSE	2020-06-03 15:27 (1)		90
		Day 8	2020-06-10 14:03 (8)		94 G1 Diastolic Hypertension
		Day 15	2020-06-17 14:06 (15)		88
		Day 29/ PRE-DOSE	2020-07-01 09:59 (29)		80
		Day 29/ POST-DOSE	2020-07-01 12:12 (1)		88
		Day 36	2020-07-10 13:20 (10)		94 G1 Diastolic Hypertension
		Day 43	2020-07-14 13:47 (14)		95 G1 Diastolic Hypertension
		Day 57	2020-07-27 13:25 (27)		89
	Height (cm)	Screening	2020-05-29 10:55 (-5)		165.1
		Day 1/ PRE-DOSE	2020-06-03 13:24 (1)	Yes	165.1
		Day 1/ POST-DOSE	2020-06-03 15:27 (1)		165.1
		Day 29/ PRE-DOSE	2020-07-01 09:59 (29)		165.1

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2041077	Height (cm)	Day 29/ POST-DOSE	2020-07-01 12:12 (1)		165.1
		Day 57	2020-07-27 13:25 (27)		165.1
	Pulse Rate (beats/min)	Screening	2020-05-29 10:55 (-5)		61
		Day 1/ PRE-DOSE	2020-06-03 13:24 (1)	Yes	80
		Day 1/ POST-DOSE	2020-06-03 15:27 (1)		65
		Day 8	2020-06-10 14:03 (8)		79
		Day 15	2020-06-17 14:06 (15)		77
		Day 29/ PRE-DOSE	2020-07-01 09:59 (29)		76
		Day 29/ POST-DOSE	2020-07-01 12:12 (1)		70
		Day 36	2020-07-10 13:20 (10)		81
		Day 43	2020-07-14 13:47 (14)		80
		Day 57	2020-07-27 13:25 (27)		78
	Respiratory Rate (breaths/min)	Screening	2020-05-29 10:55 (-5)		15
		Day 1/ PRE-DOSE	2020-06-03 13:24 (1)	Yes	12
		Day 1/ POST-DOSE	2020-06-03 15:27 (1)		12
		Day 8	2020-06-10 14:03 (8)		14

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2041077	Respiratory Rate (breaths/min)	Day 15	2020-06-17 14:06 (15)		14
		Day 29/ PRE-DOSE	2020-07-01 09:59 (29)		14
		Day 29/ POST-DOSE	2020-07-01 12:12 (1)		14
		Day 36	2020-07-10 13:20 (10)		16
		Day 43	2020-07-14 13:47 (14)		16
		Day 57	2020-07-27 13:25 (27)		14
	Systolic Blood Pressure (mmHg)	Screening	2020-05-29 10:55 (-5)		110
		Day 1/ PRE-DOSE	2020-06-03 13:24 (1)	Yes	130
		Day 1/ POST-DOSE	2020-06-03 15:27 (1)		132
		Day 8	2020-06-10 14:03 (8)		130
		Day 15	2020-06-17 14:06 (15)		136
		Day 29/ PRE-DOSE	2020-07-01 09:59 (29)		130
		Day 29/ POST-DOSE	2020-07-01 12:12 (1)		128
		Day 36	2020-07-10 13:20 (10)		148 G1 Systolic Hypertension
		Day 43	2020-07-14 13:47 (14)		165 G3 Systolic Hypertension

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2

Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)

Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2041077	Systolic Blood Pressure (mmHg)	Day 57	2020-07-27 13:25 (27)		140
	Temperature (C)	Screening	2020-05-29 10:55 (-5)		37
		Day 1/ PRE-DOSE	2020-06-03 13:24 (1)	Yes	36.5
		Day 1/ POST-DOSE	2020-06-03 15:27 (1)		36.5
		Day 8	2020-06-10 14:03 (8)		37
		Day 15	2020-06-17 14:06 (15)		36.6
		Day 29/ PRE-DOSE	2020-07-01 09:59 (29)		36
		Day 29/ POST-DOSE	2020-07-01 12:12 (1)		37.2
		Day 36	2020-07-10 13:20 (10)		36.7
		Day 43	2020-07-14 13:47 (14)		37.6
		Day 57	2020-07-27 13:25 (27)		36.8
	Weight (kg)	Screening	2020-05-29 10:55 (-5)		58.4
		Day 1/ PRE-DOSE	2020-06-03 13:24 (1)	Yes	58.9
		Day 1/ POST-DOSE	2020-06-03 15:27 (1)		58.9
		Day 29/ PRE-DOSE	2020-07-01 09:59 (29)		59.1

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2

Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)

Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2041077	Weight (kg)	Day 29/ POST-DOSE	2020-07-01 12:12 (1)		59.1
		Day 57	2020-07-27 13:25 (27)		57.9
US2041091	Body Mass Index (kg/m2)	Screening	2020-06-05 09:45 (-5)	Yes	19.4
		Day 57	2020-08-10 15:10 (32)		19.8
	Diastolic Blood Pressure (mmHg)	Screening	2020-06-05 09:45 (-5)		65
		Day 1/ PRE-DOSE	2020-06-10 10:57 (1)	Yes	55
		Day 1/ POST-DOSE	2020-06-10 13:12 (1)		63
		Day 8	2020-06-17 14:02 (8)		62
		Day 15	2020-06-24 14:12 (15)		63
		Day 29/ PRE-DOSE	2020-07-10 13:08 (31)		60
		Day 29/ POST-DOSE	2020-07-10 15:11 (1)		60
		Day 43	2020-07-27 14:40 (18)		62
		Day 57	2020-08-10 15:10 (32)		62
	Height (cm)	Screening	2020-06-05 09:45 (-5)		177.8
		Day 1/ PRE-DOSE	2020-06-10 10:57 (1)	Yes	177.8

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2

Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)

Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2041091	Height (cm)	Day 1/ POST-DOSE	2020-06-10 13:12 (1)		177.8
		Day 29/ PRE-DOSE	2020-07-10 13:08 (31)		177.8
		Day 29/ POST-DOSE	2020-07-10 15:11 (1)		177.8
		Day 57	2020-08-10 15:10 (32)		177.8
	Pulse Rate (beats/min)	Screening	2020-06-05 09:45 (-5)		78
		Day 1/ PRE-DOSE	2020-06-10 10:57 (1)	Yes	50 G1 Bradycardia
		Day 1/ POST-DOSE	2020-06-10 13:12 (1)		58
		Day 8	2020-06-17 14:02 (8)		51 G1 Bradycardia
		Day 15	2020-06-24 14:12 (15)		55
		Day 29/ PRE-DOSE	2020-07-10 13:08 (31)		59
		Day 29/ POST-DOSE	2020-07-10 15:11 (1)		44 G3 Bradycardia
		Day 43	2020-07-27 14:40 (18)		69
		Day 57	2020-08-10 15:10 (32)		64
	Respiratory Rate (breaths/min)	Screening	2020-06-05 09:45 (-5)		12
		Day 1/ PRE-DOSE	2020-06-10 10:57 (1)	Yes	14

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2

Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)

Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2041091	Respiratory Rate (breaths/min)	Day 1/ POST-DOSE	2020-06-10 13:12 (1)		12
		Day 8	2020-06-17 14:02 (8)		12
		Day 15	2020-06-24 14:12 (15)		12
		Day 29/ PRE-DOSE	2020-07-10 13:08 (31)		12
		Day 29/ POST-DOSE	2020-07-10 15:11 (1)		12
		Day 43	2020-07-27 14:40 (18)		14
		Day 57	2020-08-10 15:10 (32)		12
	Systolic Blood Pressure (mmHg)	Screening	2020-06-05 09:45 (-5)		123
		Day 1/ PRE-DOSE	2020-06-10 10:57 (1)	Yes	99
		Day 1/ POST-DOSE	2020-06-10 13:12 (1)		114
		Day 8	2020-06-17 14:02 (8)		119
		Day 15	2020-06-24 14:12 (15)		122
		Day 29/ PRE-DOSE	2020-07-10 13:08 (31)		107
		Day 29/ POST-DOSE	2020-07-10 15:11 (1)		116
		Day 43	2020-07-27 14:40 (18)		98
		Day 57	2020-08-10 15:10 (32)		112

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2

Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)

Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2041091	Temperature (C)	Screening	2020-06-05 09:45 (-5)		37.1
		Day 1/ PRE-DOSE	2020-06-10 10:57 (1)	Yes	37.1
		Day 1/ POST-DOSE	2020-06-10 13:12 (1)		36.9
		Day 8	2020-06-17 14:02 (8)		37.1
		Day 15	2020-06-24 14:12 (15)		36.7
		Day 29/ PRE-DOSE	2020-07-10 13:08 (31)		36.4
		Day 29/ POST-DOSE	2020-07-10 15:11 (1)		36.7
		Day 43	2020-07-27 14:40 (18)		36.8
		Day 57	2020-08-10 15:10 (32)		36.7
	Weight (kg)	Screening	2020-06-05 09:45 (-5)		61.4
		Day 1/ PRE-DOSE	2020-06-10 10:57 (1)	Yes	60.9
		Day 1/ POST-DOSE	2020-06-10 13:12 (1)		60.9
		Day 29/ PRE-DOSE	2020-07-10 13:08 (31)		60.3
		Day 29/ POST-DOSE	2020-07-10 15:11 (1)		60.3
		Day 57	2020-08-10 15:10 (32)		62.7

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2051008	Body Mass Index (kg/m2)	Screening	2020-05-26 14:13 (-3)	Yes	23.2
		Day 57	2020-07-27 11:50 (28)		23.1
	Diastolic Blood Pressure (mmHg)	Screening	2020-05-26 14:13 (-3)		79
		Day 1/ PRE-DOSE	2020-05-29 11:41 (1)	Yes	73
		Day 1/ POST-DOSE	2020-05-29 14:14 (1)		70
		Day 8	2020-06-05 10:27 (8)		81
		Day 15	2020-06-12 11:26 (15)		81
		Day 29/ PRE-DOSE	2020-06-30 09:03 (33)		83
		Day 29/ POST-DOSE	2020-06-30 11:21 (1)		99 G2 Diastolic Hypertension
		Day 36	2020-07-06 12:51 (7)		81
		Day 43	2020-07-13 09:23 (14)		90
		Day 57	2020-07-27 11:50 (28)		85
	Height (cm)	Screening	2020-05-26 14:13 (-3)		167.9
		Day 1/ PRE-DOSE	2020-05-29 11:41 (1)	Yes	167.9
		Day 1/ POST-DOSE	2020-05-29 14:14 (1)		167.9
		Day 29/ PRE-DOSE	2020-06-30 09:03 (33)		167.9

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2

Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)

Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2051008	Height (cm)	Day 29/ POST-DOSE	2020-06-30 11:21 (1)		167.9
		Day 57	2020-07-27 11:50 (28)		167.5
	Pulse Rate (beats/min)	Screening	2020-05-26 14:13 (-3)		63
		Day 1/ PRE-DOSE	2020-05-29 11:41 (1)	Yes	64
		Day 1/ POST-DOSE	2020-05-29 14:14 (1)		62
		Day 8	2020-06-05 10:27 (8)		73
		Day 15	2020-06-12 11:26 (15)		72
		Day 29/ PRE-DOSE	2020-06-30 09:03 (33)		66
		Day 29/ POST-DOSE	2020-06-30 11:21 (1)		58
		Day 36	2020-07-06 12:51 (7)		65
		Day 43	2020-07-13 09:23 (14)		65
		Day 57	2020-07-27 11:50 (28)		65
	Respiratory Rate (breaths/min)	Screening	2020-05-26 14:13 (-3)		12
		Day 1/ PRE-DOSE	2020-05-29 11:41 (1)	Yes	15
		Day 1/ POST-DOSE	2020-05-29 14:14 (1)		15
		Day 8	2020-06-05 10:27 (8)		14

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2051008	Respiratory Rate (breaths/min)	Day 15	2020-06-12 11:26 (15)		15
		Day 29/ PRE-DOSE	2020-06-30 09:03 (33)		16
		Day 29/ POST-DOSE	2020-06-30 11:21 (1)		16
		Day 36	2020-07-06 12:51 (7)		14
		Day 43	2020-07-13 09:23 (14)		16
		Day 57	2020-07-27 11:50 (28)		16
	Systolic Blood Pressure (mmHg)	Screening	2020-05-26 14:13 (-3)		116
		Day 1/ PRE-DOSE	2020-05-29 11:41 (1)	Yes	118
		Day 1/ POST-DOSE	2020-05-29 14:14 (1)		110
		Day 8	2020-06-05 10:27 (8)		122
		Day 15	2020-06-12 11:26 (15)		128
		Day 29/ PRE-DOSE	2020-06-30 09:03 (33)		130
		Day 29/ POST-DOSE	2020-06-30 11:21 (1)		151 G2 Systolic Hypertension
		Day 36	2020-07-06 12:51 (7)		120
		Day 43	2020-07-13 09:23 (14)		132
		Day 57	2020-07-27 11:50 (28)		134
	Temperature (C)	Screening	2020-05-26 14:13 (-3)		36.9

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2

Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)

Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2051008	Temperature (C)	Day 1/ PRE-DOSE	2020-05-29 11:41 (1)	Yes	36.7
		Day 1/ POST-DOSE	2020-05-29 14:14 (1)		36.6
		Day 8	2020-06-05 10:27 (8)		36.9
		Day 15	2020-06-12 11:26 (15)		36.7
		Day 29/ PRE-DOSE	2020-06-30 09:03 (33)		36.8
		Day 29/ POST-DOSE	2020-06-30 11:21 (1)		36.4
		Day 36	2020-07-06 12:51 (7)		36.7
		Day 43	2020-07-13 09:23 (14)		36.8
		Day 57	2020-07-27 11:50 (28)		36.8
	Weight (kg)	Screening	2020-05-26 14:13 (-3)		65.3
		Day 1/ PRE-DOSE	2020-05-29 11:41 (1)	Yes	64.9
		Day 1/ POST-DOSE	2020-05-29 14:14 (1)		64.9
		Day 29/ PRE-DOSE	2020-06-30 09:03 (33)		64.2
		Day 29/ POST-DOSE	2020-06-30 11:21 (1)		64.2
		Day 57	2020-07-27 11:50 (28)		64.8

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2051040	Body Mass Index (kg/m2)	Screening	2020-05-29 12:40 (-7)	Yes	22.7
		Day 57	2020-08-05 13:17 (30)		22.1
	Diastolic Blood Pressure (mmHg)	Screening	2020-05-29 12:40 (-7)		81
		Day 1/ PRE-DOSE	2020-06-05 13:42 (1)	Yes	68
		Day 1/ POST-DOSE	2020-06-05 15:28 (1)		74
		Day 8	2020-06-12 10:59 (8)		77
		Day 15	2020-06-19 13:15 (15)		50
		Unscheduled	2020-06-22 13:13 (18)		70
		Day 29/ PRE-DOSE	2020-07-07 13:09 (33)		56
		Day 29/ POST-DOSE	2020-07-07 15:11 (1)		78
		Day 36	2020-07-14 13:06 (8)		67
		Day 43	2020-07-21 14:11 (15)		63
		Day 57	2020-08-05 13:17 (30)		69
	Height (cm)	Screening	2020-05-29 12:40 (-7)		186
		Day 1/ PRE-DOSE	2020-06-05 13:42 (1)	Yes	186
		Day 1/ POST-DOSE	2020-06-05 15:28 (1)		186

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2

Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)

Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2051040	Height (cm)	Day 29/ PRE-DOSE	2020-07-07 13:09 (33)		186
		Day 29/ POST-DOSE	2020-07-07 15:11 (1)		186
		Day 57	2020-08-05 13:17 (30)		186
	Pulse Rate (beats/min)	Screening	2020-05-29 12:40 (-7)		46 G2 Bradycardia
		Day 1/ PRE-DOSE	2020-06-05 13:42 (1)	Yes	47 G2 Bradycardia
		Day 1/ POST-DOSE	2020-06-05 15:28 (1)		41 G3 Bradycardia
		Day 8	2020-06-12 10:59 (8)		42 G3 Bradycardia
		Day 15	2020-06-19 13:15 (15)		44 G3 Bradycardia
		Unscheduled	2020-06-22 13:13 (18)		50 G1 Bradycardia
		Day 29/ PRE-DOSE	2020-07-07 13:09 (33)		52 G1 Bradycardia
		Day 29/ POST-DOSE	2020-07-07 15:11 (1)		89
		Day 36	2020-07-14 13:06 (8)		91
		Day 43	2020-07-21 14:11 (15)		48 G2 Bradycardia
		Day 57	2020-08-05 13:17 (30)		45 G2 Bradycardia
	Respiratory Rate (breaths/min)	Screening	2020-05-29 12:40 (-7)		16
		Day 1/ PRE-DOSE	2020-06-05 13:42 (1)	Yes	15

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2051040	Respiratory Rate (breaths/min)	Day 1/ POST-DOSE	2020-06-05 15:28 (1)		15
		Day 8	2020-06-12 10:59 (8)		12
		Day 15	2020-06-19 13:15 (15)		14
		Unscheduled	2020-06-22 13:13 (18)		12
		Day 29/ PRE-DOSE	2020-07-07 13:09 (33)		15
		Day 29/ POST-DOSE	2020-07-07 15:11 (1)		15
		Day 36	2020-07-14 13:06 (8)		15
		Day 43	2020-07-21 14:11 (15)		15
		Day 57	2020-08-05 13:17 (30)		15
	Systolic Blood Pressure (mmHg)	Screening	2020-05-29 12:40 (-7)		126
		Day 1/ PRE-DOSE	2020-06-05 13:42 (1)	Yes	123
		Day 1/ POST-DOSE	2020-06-05 15:28 (1)		127
		Day 8	2020-06-12 10:59 (8)		121
		Day 15	2020-06-19 13:15 (15)		109
		Unscheduled	2020-06-22 13:13 (18)		133
		Day 29/ PRE-DOSE	2020-07-07 13:09 (33)		109

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2

Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)

Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2051040	Systolic Blood Pressure (mmHg)	Day 29/ POST-DOSE	2020-07-07 15:11 (1)		120
		Day 36	2020-07-14 13:06 (8)		116
		Day 43	2020-07-21 14:11 (15)		118
		Day 57	2020-08-05 13:17 (30)		116
	Temperature (C)	Screening	2020-05-29 12:40 (-7)		36.2
		Day 1/ PRE-DOSE	2020-06-05 13:42 (1)	Yes	35.6
		Day 1/ POST-DOSE	2020-06-05 15:28 (1)		35.9
		Day 8	2020-06-12 10:59 (8)		36.9
		Day 15	2020-06-19 13:15 (15)		35.9
		Unscheduled	2020-06-22 13:13 (18)		36.7
		Day 29/ PRE-DOSE	2020-07-07 13:09 (33)		36.6
		Day 29/ POST-DOSE	2020-07-07 15:11 (1)		36.1
		Day 36	2020-07-14 13:06 (8)		37.1
		Day 43	2020-07-21 14:11 (15)		37
		Day 57	2020-08-05 13:17 (30)		36.6
	Weight (kg)	Screening	2020-05-29 12:40 (-7)		78.4
		Day 1/ PRE-DOSE	2020-06-05 13:42 (1)	Yes	77.9

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2051040	Weight (kg)	Day 1/ POST-DOSE	2020-06-05 15:28 (1)		77.9
		Day 29/ PRE-DOSE	2020-07-07 13:09 (33)		76.3
		Day 29/ POST-DOSE	2020-07-07 15:11 (1)		76.3
		Day 57	2020-08-05 13:17 (30)		76.5
US2081041	Body Mass Index (kg/m2)	Screening	2020-06-01 11:30 (-3)	Yes	26.7
		Day 15	2020-06-19 07:38 (16)		26.5
		Day 57	2020-08-11 10:23 (36)		26.4
	Diastolic Blood Pressure (mmHg)	Screening	2020-06-01 11:30 (-3)		73
		Day 1/ PRE-DOSE	2020-06-04 12:40 (1)	Yes	68
		Day 1/ POST-DOSE	2020-06-04 13:52 (1)		68
		Day 8	2020-06-12 11:03 (9)		77
		Day 15	2020-06-19 07:38 (16)		75
		Day 29/ PRE-DOSE	2020-07-07 11:09 (34)		74
		Day 29/ POST-DOSE	2020-07-07 13:18 (1)		78
		Day 36	2020-07-15 11:02 (9)		72

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2

Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)

Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2081041	Diastolic Blood Pressure (mmHg)	Day 43	2020-07-20 12:02 (14)		70
		Day 57	2020-08-11 10:23 (36)		76
	Height (cm)	Screening	2020-06-01 11:30 (-3)		173.2
		Day 1/ PRE-DOSE	2020-06-04 12:40 (1)	Yes	173.2
		Day 1/ POST-DOSE	2020-06-04 13:52 (1)		173.2
		Day 15	2020-06-19 07:38 (16)		173.2
		Day 29/ PRE-DOSE	2020-07-07 11:09 (34)		173.2
		Day 29/ POST-DOSE	2020-07-07 13:18 (1)		173.2
		Day 57	2020-08-11 10:23 (36)		173.2
	Pulse Rate (beats/min)	Screening	2020-06-01 11:30 (-3)		48 G2 Bradycardia
		Day 1/ PRE-DOSE	2020-06-04 12:40 (1)	Yes	58
		Day 1/ POST-DOSE	2020-06-04 13:52 (1)		50 G1 Bradycardia
		Day 8	2020-06-12 11:03 (9)		43 G3 Bradycardia
		Day 15	2020-06-19 07:38 (16)		56
		Day 29/ PRE-DOSE	2020-07-07 11:09 (34)		57

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2081041	Pulse Rate (beats/min)	Day 29/ POST-DOSE	2020-07-07 13:18 (1)		58
		Day 36	2020-07-15 11:02 (9)		61
		Day 43	2020-07-20 12:02 (14)		54 G1 Bradycardia
		Day 57	2020-08-11 10:23 (36)		74
	Respiratory Rate (breaths/min)	Screening	2020-06-01 11:30 (-3)		18 G1 Respiratory Rate Increased
		Day 1/ PRE-DOSE	2020-06-04 12:40 (1)	Yes	18 G1 Respiratory Rate Increased
		Day 1/ POST-DOSE	2020-06-04 13:52 (1)		16
		Day 8	2020-06-12 11:03 (9)		18 G1 Respiratory Rate Increased
		Day 15	2020-06-19 07:38 (16)		17 G1 Respiratory Rate Increased
		Day 29/ PRE-DOSE	2020-07-07 11:09 (34)		18 G1 Respiratory Rate Increased
		Day 29/ POST-DOSE	2020-07-07 13:18 (1)		16
		Day 36	2020-07-15 11:02 (9)		14
		Day 43	2020-07-20 12:02 (14)		17 G1 Respiratory Rate Increased
		Day 57	2020-08-11 10:23 (36)		16

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2081041	Systolic Blood Pressure (mmHg)	Screening	2020-06-01 11:30 (-3)		119
		Day 1/ PRE-DOSE	2020-06-04 12:40 (1)	Yes	122
		Day 1/ POST-DOSE	2020-06-04 13:52 (1)		114
		Day 8	2020-06-12 11:03 (9)		121
		Day 15	2020-06-19 07:38 (16)		124
		Day 29/ PRE-DOSE	2020-07-07 11:09 (34)		112
		Day 29/ POST-DOSE	2020-07-07 13:18 (1)		122
		Day 36	2020-07-15 11:02 (9)		114
		Day 43	2020-07-20 12:02 (14)		118
		Day 57	2020-08-11 10:23 (36)		120
	Temperature (C)	Screening	2020-06-01 11:30 (-3)		37.1
		Day 1/ PRE-DOSE	2020-06-04 12:40 (1)	Yes	36.4
		Day 1/ POST-DOSE	2020-06-04 13:52 (1)		36.7
		Day 8	2020-06-12 11:03 (9)		36.7
		Day 15	2020-06-19 07:38 (16)		36.6
		Day 29/ PRE-DOSE	2020-07-07 11:09 (34)		36.7

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2

Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)

Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2081041	Temperature (C)	Day 29/ POST-DOSE	2020-07-07 13:18 (1)		36.7
		Day 36	2020-07-15 11:02 (9)		36.7
		Day 43	2020-07-20 12:02 (14)		37.1
		Day 57	2020-08-11 10:23 (36)		36.7
	Weight (kg)	Screening	2020-06-01 11:30 (-3)		80
		Day 1/ PRE-DOSE	2020-06-04 12:40 (1)	Yes	80
		Day 1/ POST-DOSE	2020-06-04 13:52 (1)		80
		Day 15	2020-06-19 07:38 (16)		79.5
		Day 29/ PRE-DOSE	2020-07-07 11:09 (34)		78.6
		Day 29/ POST-DOSE	2020-07-07 13:18 (1)		78.6
		Day 57	2020-08-11 10:23 (36)		79.1
US2081054	Body Mass Index (kg/m2)	Screening	2020-06-03 09:00 (-2)	Yes	26.8
		Day 15	2020-06-22 09:11 (18)		26.9
		Day 57	2020-08-05 15:05 (29)		27.5
	Diastolic Blood Pressure (mmHg)	Screening	2020-06-03 09:00 (-2)		84
		Day 1/ PRE-DOSE	2020-06-05 13:20 (1)	Yes	76

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2

Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)

Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2081054	Diastolic Blood Pressure (mmHg)	Day 1/ POST-DOSE	2020-06-05 14:56 (1)		64
		Day 8	2020-06-12 10:02 (8)		81
		Day 15	2020-06-22 09:11 (18)		84
		Day 29/ PRE-DOSE	2020-07-08 13:05 (34)		83
		Day 29/ POST-DOSE	2020-07-08 14:51 (1)		78
		Day 36	2020-07-15 10:48 (8)		81
		Day 43	2020-07-21 08:08 (14)		83
		Day 57	2020-08-05 15:05 (29)		78
	Height (cm)	Screening	2020-06-03 09:00 (-2)		188
		Day 1/ PRE-DOSE	2020-06-05 13:20 (1)	Yes	188
		Day 1/ POST-DOSE	2020-06-05 14:56 (1)		188
		Day 15	2020-06-22 09:11 (18)		188
		Day 29/ PRE-DOSE	2020-07-08 13:05 (34)		188
		Day 29/ POST-DOSE	2020-07-08 14:51 (1)		188
		Day 57	2020-08-05 15:05 (29)		188
	Pulse Rate (beats/min)	Screening	2020-06-03 09:00 (-2)		60

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2081054	Pulse Rate (beats/min)	Day 1/ PRE-DOSE	2020-06-05 13:20 (1)	Yes	78
		Day 1/ POST-DOSE	2020-06-05 14:56 (1)		54 G1 Bradycardia
		Day 8	2020-06-12 10:02 (8)		49 G2 Bradycardia
		Day 15	2020-06-22 09:11 (18)		61
		Day 29/ PRE-DOSE	2020-07-08 13:05 (34)		59
		Day 29/ POST-DOSE	2020-07-08 14:51 (1)		81
		Day 36	2020-07-15 10:48 (8)		52 G1 Bradycardia
		Day 43	2020-07-21 08:08 (14)		86
		Day 57	2020-08-05 15:05 (29)		60
	Respiratory Rate (breaths/min)	Screening	2020-06-03 09:00 (-2)		16
		Day 1/ PRE-DOSE	2020-06-05 13:20 (1)	Yes	17 G1 Respiratory Rate Increased
		Day 1/ POST-DOSE	2020-06-05 14:56 (1)		17 G1 Respiratory Rate Increased
		Day 8	2020-06-12 10:02 (8)		18 G1 Respiratory Rate Increased
		Day 15	2020-06-22 09:11 (18)		17 G1 Respiratory Rate Increased

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2081054	Respiratory Rate (breaths/min)	Day 29/ PRE-DOSE	2020-07-08 13:05 (34)		17 G1 Respiratory Rate Increased
		Day 29/ POST-DOSE	2020-07-08 14:51 (1)		18 G1 Respiratory Rate Increased
		Day 36	2020-07-15 10:48 (8)		18 G1 Respiratory Rate Increased
		Day 43	2020-07-21 08:08 (14)		17 G1 Respiratory Rate Increased
		Day 57	2020-08-05 15:05 (29)		18 G1 Respiratory Rate Increased
	Systolic Blood Pressure (mmHg)	Screening	2020-06-03 09:00 (-2)		118
		Day 1/ PRE-DOSE	2020-06-05 13:20 (1)	Yes	126
		Day 1/ POST-DOSE	2020-06-05 14:56 (1)		120
		Day 8	2020-06-12 10:02 (8)		128
		Day 15	2020-06-22 09:11 (18)		126
		Day 29/ PRE-DOSE	2020-07-08 13:05 (34)		129
		Day 29/ POST-DOSE	2020-07-08 14:51 (1)		125
		Day 36	2020-07-15 10:48 (8)		131
		Day 43	2020-07-21 08:08 (14)		121

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2

Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)

Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2081054	Systolic Blood Pressure (mmHg)	Day 57	2020-08-05 15:05 (29)		115
	Temperature (C)	Screening	2020-06-03 09:00 (-2)		36.4
		Day 1/ PRE-DOSE	2020-06-05 13:20 (1)	Yes	36.4
		Day 1/ POST-DOSE	2020-06-05 14:56 (1)		36.7
		Day 8	2020-06-12 10:02 (8)		36.4
		Day 15	2020-06-22 09:11 (18)		36.5
		Day 29/ PRE-DOSE	2020-07-08 13:05 (34)		36.4
		Day 29/ POST-DOSE	2020-07-08 14:51 (1)		36.5
		Day 36	2020-07-15 10:48 (8)		36.4
		Day 43	2020-07-21 08:08 (14)		36.4
		Day 57	2020-08-05 15:05 (29)		36.6
	Weight (kg)	Screening	2020-06-03 09:00 (-2)		94.5
		Day 1/ PRE-DOSE	2020-06-05 13:20 (1)	Yes	94.5
		Day 1/ POST-DOSE	2020-06-05 14:56 (1)		94.5
		Day 15	2020-06-22 09:11 (18)		95
		Day 29/ PRE-DOSE	2020-07-08 13:05 (34)		93.6

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2081054	Weight (kg)	Day 29/ POST-DOSE	2020-07-08 14:51 (1)		93.6
		Day 57	2020-08-05 15:05 (29)		97.3

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2

Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)

Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2021068	Body Mass Index (kg/m2)	Screening	2020-05-27 16:00 (-6)	Yes	29.5
		Day 57	2020-07-29 16:32 (29)		30.2
	Diastolic Blood Pressure (mmHg)	Screening	2020-05-27 16:00 (-6)		70
		Day 1/ PRE-DOSE	2020-06-02 15:35 (1)	Yes	78
		Day 1/ POST-DOSE	2020-06-02 17:43 (1)		78
		Day 8	2020-06-11 16:13 (10)		66
		Day 15	2020-06-17 16:15 (16)		67
		Day 29/ PRE-DOSE	2020-07-01 15:35 (30)		77
		Day 29/ POST-DOSE	2020-07-01 17:38 (1)		68
		Day 36	2020-07-08 16:08 (8)		67
		Day 43	2020-07-15 15:34 (15)		68
		Day 57	2020-07-29 16:32 (29)		70
	Height (cm)	Screening	2020-05-27 16:00 (-6)		191.5
		Day 1/ PRE-DOSE	2020-06-02 15:35 (1)	Yes	191
		Day 1/ POST-DOSE	2020-06-02 17:43 (1)		191
		Day 29/ PRE-DOSE	2020-07-01 15:35 (30)		191

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2021068	Height (cm)	Day 29/ POST-DOSE	2020-07-01 17:38 (1)		191
		Day 57	2020-07-29 16:32 (29)		191
	Pulse Rate (beats/min)	Screening	2020-05-27 16:00 (-6)		56
		Day 1/ PRE-DOSE	2020-06-02 15:35 (1)	Yes	54 G1 Bradycardia
		Day 1/ POST-DOSE	2020-06-02 17:43 (1)		53 G1 Bradycardia
		Day 8	2020-06-11 16:13 (10)		50 G1 Bradycardia
		Day 15	2020-06-17 16:15 (16)		50 G1 Bradycardia
		Day 29/ PRE-DOSE	2020-07-01 15:35 (30)		54 G1 Bradycardia
		Day 29/ POST-DOSE	2020-07-01 17:38 (1)		48 G2 Bradycardia
		Day 36	2020-07-08 16:08 (8)		49 G2 Bradycardia
		Day 43	2020-07-15 15:34 (15)		48 G2 Bradycardia
		Day 57	2020-07-29 16:32 (29)		51 G1 Bradycardia
	Respiratory Rate (breaths/min)	Screening	2020-05-27 16:00 (-6)		18 G1 Respiratory Rate Increased
		Day 1/ PRE-DOSE	2020-06-02 15:35 (1)	Yes	16
		Day 1/ POST-DOSE	2020-06-02 17:43 (1)		15

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2

Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)

Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2021068	Respiratory Rate (breaths/min)	Day 8	2020-06-11 16:13 (10)		15
		Day 15	2020-06-17 16:15 (16)		15
		Day 29/ PRE-DOSE	2020-07-01 15:35 (30)		16
		Day 29/ POST-DOSE	2020-07-01 17:38 (1)		15
		Day 36	2020-07-08 16:08 (8)		16
		Day 43	2020-07-15 15:34 (15)		15
		Day 57	2020-07-29 16:32 (29)		14
	Systolic Blood Pressure (mmHg)	Screening	2020-05-27 16:00 (-6)		104
		Day 1/ PRE-DOSE	2020-06-02 15:35 (1)	Yes	119
		Day 1/ POST-DOSE	2020-06-02 17:43 (1)		137
		Day 8	2020-06-11 16:13 (10)		139
		Day 15	2020-06-17 16:15 (16)		104
		Day 29/ PRE-DOSE	2020-07-01 15:35 (30)		129
		Day 29/ POST-DOSE	2020-07-01 17:38 (1)		126
		Day 36	2020-07-08 16:08 (8)		136
		Day 43	2020-07-15 15:34 (15)		118
		Day 57	2020-07-29 16:32 (29)		113

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2

Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)

Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2021068	Temperature (C)	Screening	2020-05-27 16:00 (-6)		37.1
		Day 1/ PRE-DOSE	2020-06-02 15:35 (1)	Yes	36.7
		Day 1/ POST-DOSE	2020-06-02 17:43 (1)		36.7
		Day 8	2020-06-11 16:13 (10)		37
		Day 15	2020-06-17 16:15 (16)		36.7
		Day 29/ PRE-DOSE	2020-07-01 15:35 (30)		36.8
		Day 29/ POST-DOSE	2020-07-01 17:38 (1)		36.8
		Day 36	2020-07-08 16:08 (8)		37.1
		Day 43	2020-07-15 15:34 (15)		36.8
		Day 57	2020-07-29 16:32 (29)		36.9
	Weight (kg)	Screening	2020-05-27 16:00 (-6)		108
		Day 1/ PRE-DOSE	2020-06-02 15:35 (1)	Yes	108.3
		Day 1/ POST-DOSE	2020-06-02 17:43 (1)		108.3
		Day 29/ PRE-DOSE	2020-07-01 15:35 (30)		108.1
		Day 29/ POST-DOSE	2020-07-01 17:38 (1)		108.1

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2021068	Weight (kg)	Day 57	2020-07-29 16:32 (29)		110.1
US2021164	Body Mass Index (kg/m2)	Screening	2020-06-03 14:30 (-5)	Yes	24.7
		Day 57	2020-08-10 10:15 (34)		24.7
	Diastolic Blood Pressure (mmHg)	Screening	2020-06-03 14:30 (-5)		92 G1 Diastolic Hypertension
		Day 1/ PRE-DOSE	2020-06-08 07:55 (1)	Yes	90
		Day 1/ POST-DOSE	2020-06-08 10:15 (1)		92 G1 Diastolic Hypertension
		Unscheduled	2020-06-10 11:34 (3)		100 G2 Diastolic Hypertension
		Day 8	2020-06-17 10:10 (10)		92 G1 Diastolic Hypertension
		Day 15	2020-06-24 09:45 (17)		84
		Day 29/ PRE-DOSE	2020-07-08 09:40 (31)		88
		Day 29/ POST-DOSE	2020-07-08 11:56 (1)		90
		Day 36	2020-07-15 16:15 (8)		82
		Day 43	2020-07-27 10:40 (20)		86
		Day 57	2020-08-10 10:15 (34)		88
	Height (cm)	Screening	2020-06-03 14:30 (-5)		164

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2021164	Height (cm)	Day 1/ PRE-DOSE	2020-06-08 07:55 (1)	Yes	164
		Day 1/ POST-DOSE	2020-06-08 10:15 (1)		164
		Day 29/ PRE-DOSE	2020-07-08 09:40 (31)		164
		Day 29/ POST-DOSE	2020-07-08 11:56 (1)		164
		Day 57	2020-08-10 10:15 (34)		164
	Pulse Rate (beats/min)	Screening	2020-06-03 14:30 (-5)		64
		Day 1/ PRE-DOSE	2020-06-08 07:55 (1)	Yes	68
		Day 1/ POST-DOSE	2020-06-08 10:15 (1)		58
		Unscheduled	2020-06-10 11:34 (3)		75
		Day 8	2020-06-17 10:10 (10)		64
		Day 15	2020-06-24 09:45 (17)		70
		Day 29/ PRE-DOSE	2020-07-08 09:40 (31)		80
		Day 29/ POST-DOSE	2020-07-08 11:56 (1)		51 G1 Bradycardia
		Day 36	2020-07-15 16:15 (8)		64
		Day 43	2020-07-27 10:40 (20)		56

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2

Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)

Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2021164	Pulse Rate (beats/min)	Day 57	2020-08-10 10:15 (34)		59
	Respiratory Rate (breaths/min)	Screening	2020-06-03 14:30 (-5)		14
		Day 1/ PRE-DOSE	2020-06-08 07:55 (1)	Yes	14
		Day 1/ POST-DOSE	2020-06-08 10:15 (1)		14
		Unscheduled	2020-06-10 11:34 (3)		14
		Day 8	2020-06-17 10:10 (10)		16
		Day 15	2020-06-24 09:45 (17)		15
		Day 29/ PRE-DOSE	2020-07-08 09:40 (31)		16
		Day 29/ POST-DOSE	2020-07-08 11:56 (1)		16
		Day 36	2020-07-15 16:15 (8)		14
		Day 43	2020-07-27 10:40 (20)		15
		Day 57	2020-08-10 10:15 (34)		15
	Systolic Blood Pressure (mmHg)	Screening	2020-06-03 14:30 (-5)		144 G1 Systolic Hypertension
		Day 1/ PRE-DOSE	2020-06-08 07:55 (1)	Yes	140
		Day 1/ POST-DOSE	2020-06-08 10:15 (1)		143 G1 Systolic Hypertension

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2021164	Systolic Blood Pressure (mmHg)	Unscheduled	2020-06-10 11:34 (3)		150 G1 Systolic Hypertension
		Day 8	2020-06-17 10:10 (10)		140
		Day 15	2020-06-24 09:45 (17)		110
		Day 29/ PRE-DOSE	2020-07-08 09:40 (31)		140
		Day 29/ POST-DOSE	2020-07-08 11:56 (1)		153 G2 Systolic Hypertension
		Day 36	2020-07-15 16:15 (8)		110
		Day 43	2020-07-27 10:40 (20)		127
		Day 57	2020-08-10 10:15 (34)		142 G1 Systolic Hypertension
	Temperature (C)	Screening	2020-06-03 14:30 (-5)		37.5
		Day 1/ PRE-DOSE	2020-06-08 07:55 (1)	Yes	36.8
		Day 1/ POST-DOSE	2020-06-08 10:15 (1)		37.2
		Unscheduled	2020-06-10 11:34 (3)		37.3
		Day 8	2020-06-17 10:10 (10)		36.8
		Day 15	2020-06-24 09:45 (17)		36.5
		Day 29/ PRE-DOSE	2020-07-08 09:40 (31)		36.8

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2

Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)

Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2021164	Temperature (C)	Day 29/ POST-DOSE	2020-07-08 11:56 (1)		36.9
		Day 36	2020-07-15 16:15 (8)		37
		Day 43	2020-07-27 10:40 (20)		37.3
		Day 57	2020-08-10 10:15 (34)		36.9
	Weight (kg)	Screening	2020-06-03 14:30 (-5)		66.3
		Day 1/ PRE-DOSE	2020-06-08 07:55 (1)	Yes	66.6
		Day 1/ POST-DOSE	2020-06-08 10:15 (1)		66.6
		Day 29/ PRE-DOSE	2020-07-08 09:40 (31)		66.2
		Day 29/ POST-DOSE	2020-07-08 11:56 (1)		66.2
		Day 57	2020-08-10 10:15 (34)		66.5
US2041008	Body Mass Index (kg/m2)	Screening	2020-05-26 09:47 (-6)	Yes	20
		Day 57	2020-08-11 10:38 (42)		19.4
	Diastolic Blood Pressure (mmHg)	Screening	2020-05-26 09:47 (-6)		79
		Day 1/ PRE-DOSE	2020-06-01 14:22 (1)	Yes	70
		Day 1/ POST-DOSE	2020-06-01 16:32 (1)		79

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2041008	Diastolic Blood Pressure (mmHg)	Day 8	2020-06-08 14:10 (8)		77
		Day 15	2020-06-15 14:10 (15)		62
		Day 29/ PRE-DOSE	2020-07-01 15:10 (31)		73
		Day 29/ POST-DOSE	2020-07-01 16:56 (1)		98 G2 Diastolic Hypertension
		Day 36	2020-07-08 10:24 (8)		71
		Day 43	2020-07-15 10:17 (15)		70
		Day 57	2020-08-11 10:38 (42)		68
	Height (cm)	Screening	2020-05-26 09:47 (-6)		188
		Day 1/ PRE-DOSE	2020-06-01 14:22 (1)	Yes	188
		Day 1/ POST-DOSE	2020-06-01 16:32 (1)		188
		Day 29/ PRE-DOSE	2020-07-01 15:10 (31)		188
		Day 29/ POST-DOSE	2020-07-01 16:56 (1)		188
		Day 57	2020-08-11 10:38 (42)		188
	Pulse Rate (beats/min)	Screening	2020-05-26 09:47 (-6)		80
		Day 1/ PRE-DOSE	2020-06-01 14:22 (1)	Yes	84

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2041008	Pulse Rate (beats/min)	Day 1/ POST-DOSE	2020-06-01 16:32 (1)		80
		Day 8	2020-06-08 14:10 (8)		86
		Day 15	2020-06-15 14:10 (15)		82
		Day 29/ PRE-DOSE	2020-07-01 15:10 (31)		72
		Day 29/ POST-DOSE	2020-07-01 16:56 (1)		69
		Day 36	2020-07-08 10:24 (8)		75
		Day 43	2020-07-15 10:17 (15)		84
		Day 57	2020-08-11 10:38 (42)		79
	Respiratory Rate (breaths/min)	Screening	2020-05-26 09:47 (-6)		14
		Day 1/ PRE-DOSE	2020-06-01 14:22 (1)	Yes	14
		Day 1/ POST-DOSE	2020-06-01 16:32 (1)		18 G1 Respiratory Rate Increased
		Day 8	2020-06-08 14:10 (8)		14
		Day 15	2020-06-15 14:10 (15)		14
		Day 29/ PRE-DOSE	2020-07-01 15:10 (31)		14
		Day 29/ POST-DOSE	2020-07-01 16:56 (1)		14
		Day 36	2020-07-08 10:24 (8)		16

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2

Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)

Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2041008	Respiratory Rate (breaths/min)	Day 43	2020-07-15 10:17 (15)		14
		Day 57	2020-08-11 10:38 (42)		12
	Systolic Blood Pressure (mmHg)	Screening	2020-05-26 09:47 (-6)		127
		Day 1/ PRE-DOSE	2020-06-01 14:22 (1)	Yes	108
		Day 1/ POST-DOSE	2020-06-01 16:32 (1)		118
		Day 8	2020-06-08 14:10 (8)		109
		Day 15	2020-06-15 14:10 (15)		111
		Day 29/ PRE-DOSE	2020-07-01 15:10 (31)		109
		Day 29/ POST-DOSE	2020-07-01 16:56 (1)		138
		Day 36	2020-07-08 10:24 (8)		103
		Day 43	2020-07-15 10:17 (15)		111
		Day 57	2020-08-11 10:38 (42)		99
	Temperature (C)	Screening	2020-05-26 09:47 (-6)		37.1
		Day 1/ PRE-DOSE	2020-06-01 14:22 (1)	Yes	37
		Day 1/ POST-DOSE	2020-06-01 16:32 (1)		36.8
		Day 8	2020-06-08 14:10 (8)		36.9
		Day 15	2020-06-15 14:10 (15)		37

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2041008	Temperature (C)	Day 29/ PRE-DOSE	2020-07-01 15:10 (31)		37
		Day 29/ POST-DOSE	2020-07-01 16:56 (1)		36.9
		Day 36	2020-07-08 10:24 (8)		37.2
		Day 43	2020-07-15 10:17 (15)		37.1
		Day 57	2020-08-11 10:38 (42)		37.3
	Weight (kg)	Screening	2020-05-26 09:47 (-6)		70.6
		Day 1/ PRE-DOSE	2020-06-01 14:22 (1)	Yes	70
		Day 1/ POST-DOSE	2020-06-01 16:32 (1)		70
		Day 29/ PRE-DOSE	2020-07-01 15:10 (31)		68.2
		Day 29/ POST-DOSE	2020-07-01 16:56 (1)		68.2
		Day 57	2020-08-11 10:38 (42)		68.7
US2051029	Body Mass Index (kg/m2)	Screening	2020-05-28 12:18 (-7)	Yes	23.7
		Day 57	2020-07-30 12:24 (22)		23.1
	Diastolic Blood Pressure (mmHg)	Screening	2020-05-28 12:18 (-7)		67
		Day 1/ PRE-DOSE	2020-06-04 10:25 (1)	Yes	70

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2051029	Diastolic Blood Pressure (mmHg)	Day 1/ POST-DOSE	2020-06-04 12:10 (1)		64
		Day 8	2020-06-11 11:56 (8)		64
		Day 15	2020-06-18 11:49 (15)		70
		Day 29/ PRE-DOSE	2020-07-09 11:43 (36)		64
		Day 29/ POST-DOSE	2020-07-09 13:45 (1)		68
		Day 36	2020-07-16 12:46 (8)		54
		Day 43	2020-07-20 11:35 (12)		55
		Day 57	2020-07-30 12:24 (22)		76
	Height (cm)	Screening	2020-05-28 12:18 (-7)		176.6
		Day 1/ PRE-DOSE	2020-06-04 10:25 (1)	Yes	176.6
		Day 1/ POST-DOSE	2020-06-04 12:10 (1)		176.6
		Day 29/ PRE-DOSE	2020-07-09 11:43 (36)		176.5
		Day 29/ POST-DOSE	2020-07-09 13:45 (1)		176.5
		Day 57	2020-07-30 12:24 (22)		176.5
	Pulse Rate (beats/min)	Screening	2020-05-28 12:18 (-7)		69

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2

Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)

Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2051029	Pulse Rate (beats/min)	Day 1/ PRE-DOSE	2020-06-04 10:25 (1)	Yes	76
		Day 1/ POST-DOSE	2020-06-04 12:10 (1)		66
		Day 8	2020-06-11 11:56 (8)		87
		Day 15	2020-06-18 11:49 (15)		81
		Day 29/ PRE-DOSE	2020-07-09 11:43 (36)		75
		Day 29/ POST-DOSE	2020-07-09 13:45 (1)		77
		Day 36	2020-07-16 12:46 (8)		86
		Day 43	2020-07-20 11:35 (12)		78
		Day 57	2020-07-30 12:24 (22)		70
	Respiratory Rate (breaths/min)	Screening	2020-05-28 12:18 (-7)		14
		Day 1/ PRE-DOSE	2020-06-04 10:25 (1)	Yes	15
		Day 1/ POST-DOSE	2020-06-04 12:10 (1)		15
		Day 8	2020-06-11 11:56 (8)		15
		Day 15	2020-06-18 11:49 (15)		14
		Day 29/ PRE-DOSE	2020-07-09 11:43 (36)		14

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2

Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)

Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2051029	Respiratory Rate (breaths/min)	Day 29/ POST-DOSE	2020-07-09 13:45 (1)		14
		Day 36	2020-07-16 12:46 (8)		12
		Day 43	2020-07-20 11:35 (12)		12
		Day 57	2020-07-30 12:24 (22)		14
	Systolic Blood Pressure (mmHg)	Screening	2020-05-28 12:18 (-7)		107
		Day 1/ PRE-DOSE	2020-06-04 10:25 (1)	Yes	120
		Day 1/ POST-DOSE	2020-06-04 12:10 (1)		105
		Day 8	2020-06-11 11:56 (8)		104
		Day 15	2020-06-18 11:49 (15)		112
		Day 29/ PRE-DOSE	2020-07-09 11:43 (36)		121
		Day 29/ POST-DOSE	2020-07-09 13:45 (1)		115
		Day 36	2020-07-16 12:46 (8)		111
		Day 43	2020-07-20 11:35 (12)		101
		Day 57	2020-07-30 12:24 (22)		117
	Temperature (C)	Screening	2020-05-28 12:18 (-7)		37.1
		Day 1/ PRE-DOSE	2020-06-04 10:25 (1)	Yes	36.9

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2

Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)

Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2051029	Temperature (C)	Day 1/ POST-DOSE	2020-06-04 12:10 (1)		36.8
		Day 8	2020-06-11 11:56 (8)		36.6
		Day 15	2020-06-18 11:49 (15)		36.7
		Day 29/ PRE-DOSE	2020-07-09 11:43 (36)		36.8
		Day 29/ POST-DOSE	2020-07-09 13:45 (1)		36.8
		Day 36	2020-07-16 12:46 (8)		38.6 G2 Fever
		Day 43	2020-07-20 11:35 (12)		36.7
		Day 57	2020-07-30 12:24 (22)		36.8
	Weight (kg)	Screening	2020-05-28 12:18 (-7)		73.8
		Day 1/ PRE-DOSE	2020-06-04 10:25 (1)	Yes	75.5
		Day 1/ POST-DOSE	2020-06-04 12:10 (1)		75.5
		Day 29/ PRE-DOSE	2020-07-09 11:43 (36)		72.6
		Day 29/ POST-DOSE	2020-07-09 13:45 (1)		72.6
		Day 57	2020-07-30 12:24 (22)		72.1
US2051045	Body Mass Index (kg/m2)	Screening	2020-06-03 14:25 (-7)	Yes	29

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2051045	Body Mass Index (kg/m2)	Day 57	2020-08-04 13:44 (28)		29.8
	Diastolic Blood Pressure (mmHg)	Screening	2020-06-03 14:25 (-7)		90
		Day 1/ PRE-DOSE	2020-06-10 12:19 (1)	Yes	88
		Day 1/ POST-DOSE	2020-06-10 14:24 (1)		88
		Day 8	2020-06-17 14:35 (8)		89
		Day 15	2020-06-24 15:33 (15)		88
		Day 29/ PRE-DOSE	2020-07-08 14:55 (29)		72
		Day 29/ POST-DOSE	2020-07-08 16:55 (1)		96 G2 Diastolic Hypertension
		Day 36	2020-07-16 15:47 (9)		103 G3 Diastolic Hypertension
		Day 43	2020-07-21 15:48 (14)		101 G3 Diastolic Hypertension
		Day 57	2020-08-04 13:44 (28)		100 G2 Diastolic Hypertension
	Height (cm)	Screening	2020-06-03 14:25 (-7)		171
		Day 1/ PRE-DOSE	2020-06-10 12:19 (1)	Yes	171
		Day 1/ POST-DOSE	2020-06-10 14:24 (1)		171

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2

Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)

Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2051045	Height (cm)	Day 29/ PRE-DOSE	2020-07-08 14:55 (29)		171
		Day 29/ POST-DOSE	2020-07-08 16:55 (1)		171
		Day 57	2020-08-04 13:44 (28)		170.2
	Pulse Rate (beats/min)	Screening	2020-06-03 14:25 (-7)		96
		Day 1/ PRE-DOSE	2020-06-10 12:19 (1)	Yes	96
		Day 1/ POST-DOSE	2020-06-10 14:24 (1)		80
		Day 8	2020-06-17 14:35 (8)		95
		Day 15	2020-06-24 15:33 (15)		95
		Day 29/ PRE-DOSE	2020-07-08 14:55 (29)		82
		Day 29/ POST-DOSE	2020-07-08 16:55 (1)		77
		Day 36	2020-07-16 15:47 (9)		97
		Day 43	2020-07-21 15:48 (14)		99
		Day 57	2020-08-04 13:44 (28)		85
	Respiratory Rate (breaths/min)	Screening	2020-06-03 14:25 (-7)		16
		Day 1/ PRE-DOSE	2020-06-10 12:19 (1)	Yes	15

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2051045	Respiratory Rate (breaths/min)	Day 1/ POST-DOSE	2020-06-10 14:24 (1)		16
		Day 8	2020-06-17 14:35 (8)		15
		Day 15	2020-06-24 15:33 (15)		15
		Day 29/ PRE-DOSE	2020-07-08 14:55 (29)		16
		Day 29/ POST-DOSE	2020-07-08 16:55 (1)		14
		Day 36	2020-07-16 15:47 (9)		14
		Day 43	2020-07-21 15:48 (14)		12
		Day 57	2020-08-04 13:44 (28)		14
	Systolic Blood Pressure (mmHg)	Screening	2020-06-03 14:25 (-7)		122
		Day 1/ PRE-DOSE	2020-06-10 12:19 (1)	Yes	124
		Day 1/ POST-DOSE	2020-06-10 14:24 (1)		155 G2 Systolic Hypertension
		Day 8	2020-06-17 14:35 (8)		129
		Day 15	2020-06-24 15:33 (15)		135
		Day 29/ PRE-DOSE	2020-07-08 14:55 (29)		123
		Day 29/ POST-DOSE	2020-07-08 16:55 (1)		134

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2051045	Systolic Blood Pressure (mmHg)	Day 36	2020-07-16 15:47 (9)		142 G1 Systolic Hypertension
		Day 43	2020-07-21 15:48 (14)		149 G1 Systolic Hypertension
		Day 57	2020-08-04 13:44 (28)		141 G1 Systolic Hypertension
	Temperature (C)	Screening	2020-06-03 14:25 (-7)		37.5
		Day 1/ PRE-DOSE	2020-06-10 12:19 (1)	Yes	36.7
		Day 1/ POST-DOSE	2020-06-10 14:24 (1)		36.7
		Day 8	2020-06-17 14:35 (8)		36.8
		Day 15	2020-06-24 15:33 (15)		38 G1 Fever
		Day 29/ PRE-DOSE	2020-07-08 14:55 (29)		36.8
		Day 29/ POST-DOSE	2020-07-08 16:55 (1)		36.7
		Day 36	2020-07-16 15:47 (9)		36.9
		Day 43	2020-07-21 15:48 (14)		36.3
		Day 57	2020-08-04 13:44 (28)		36.6
	Weight (kg)	Screening	2020-06-03 14:25 (-7)		84.7
		Day 1/ PRE-DOSE	2020-06-10 12:19 (1)	Yes	85

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2051045	Weight (kg)	Day 1/ POST-DOSE	2020-06-10 14:24 (1)		85
		Day 29/ PRE-DOSE	2020-07-08 14:55 (29)		87.2
		Day 29/ POST-DOSE	2020-07-08 16:55 (1)		87.2
		Day 57	2020-08-04 13:44 (28)		86.4
US2061008	Body Mass Index (kg/m2)	Screening	2020-05-28 13:34 (-6)	Yes	26.8
		Day 57	2020-08-03 13:17 (29)		27.9
	Diastolic Blood Pressure (mmHg)	Screening	2020-05-28 13:34 (-6)		81
		Day 1/ PRE-DOSE	2020-06-03 13:06 (1)	Yes	83
		Day 1/ POST-DOSE	2020-06-03 15:33 (1)		72
		Day 8	2020-06-11 13:10 (9)		76
		Day 15	2020-06-16 13:20 (14)		69
		Day 29/ PRE-DOSE	2020-07-06 08:14 (34)		80
		Day 29/ POST-DOSE	2020-07-06 10:41 (1)		82
		Day 36	2020-07-13 13:04 (8)		88
		Day 43	2020-07-20 13:03 (15)		76

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2061008	Diastolic Blood Pressure (mmHg)	Day 57	2020-08-03 13:17 (29)		79
	Height (cm)	Screening	2020-05-28 13:34 (-6)		182.5
		Day 1/ PRE-DOSE	2020-06-03 13:06 (1)	Yes	182.5
		Day 1/ POST-DOSE	2020-06-03 15:33 (1)		182.5
		Day 29/ PRE-DOSE	2020-07-06 08:14 (34)		182.5
		Day 29/ POST-DOSE	2020-07-06 10:41 (1)		182.5
		Day 57	2020-08-03 13:17 (29)		182.5
	Pulse Rate (beats/min)	Screening	2020-05-28 13:34 (-6)		65
		Day 1/ PRE-DOSE	2020-06-03 13:06 (1)	Yes	71
		Day 1/ POST-DOSE	2020-06-03 15:33 (1)		55
		Day 8	2020-06-11 13:10 (9)		47 G2 Bradycardia
		Day 15	2020-06-16 13:20 (14)		59
		Day 29/ PRE-DOSE	2020-07-06 08:14 (34)		61
		Day 29/ POST-DOSE	2020-07-06 10:41 (1)		53 G1 Bradycardia
		Day 36	2020-07-13 13:04 (8)		70

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2

Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)

Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2061008	Pulse Rate (beats/min)	Day 43	2020-07-20 13:03 (15)		76
		Day 57	2020-08-03 13:17 (29)		56
	Respiratory Rate (breaths/min)	Screening	2020-05-28 13:34 (-6)		16
		Day 1/ PRE-DOSE	2020-06-03 13:06 (1)	Yes	16
		Day 1/ POST-DOSE	2020-06-03 15:33 (1)		16
		Day 8	2020-06-11 13:10 (9)		16
		Day 15	2020-06-16 13:20 (14)		16
		Day 29/ PRE-DOSE	2020-07-06 08:14 (34)		16
		Day 29/ POST-DOSE	2020-07-06 10:41 (1)		16
		Day 36	2020-07-13 13:04 (8)		16
		Day 43	2020-07-20 13:03 (15)		16
		Day 57	2020-08-03 13:17 (29)		16
	Systolic Blood Pressure (mmHg)	Screening	2020-05-28 13:34 (-6)		128
		Day 1/ PRE-DOSE	2020-06-03 13:06 (1)	Yes	116
		Day 1/ POST-DOSE	2020-06-03 15:33 (1)		138
		Day 8	2020-06-11 13:10 (9)		132
		Day 15	2020-06-16 13:20 (14)		116

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2

Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)

Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2061008	Systolic Blood Pressure (mmHg)	Day 29/ PRE-DOSE	2020-07-06 08:14 (34)		129
		Day 29/ POST-DOSE	2020-07-06 10:41 (1)		122
		Day 36	2020-07-13 13:04 (8)		125
		Day 43	2020-07-20 13:03 (15)		122
		Day 57	2020-08-03 13:17 (29)		127
	Temperature (C)	Screening	2020-05-28 13:34 (-6)		36.7
		Day 1/ PRE-DOSE	2020-06-03 13:06 (1)	Yes	36.8
		Day 1/ POST-DOSE	2020-06-03 15:33 (1)		36.7
		Day 8	2020-06-11 13:10 (9)		35.8
		Day 15	2020-06-16 13:20 (14)		37.1
		Day 29/ PRE-DOSE	2020-07-06 08:14 (34)		36.6
		Day 29/ POST-DOSE	2020-07-06 10:41 (1)		36.6
		Day 36	2020-07-13 13:04 (8)		36.7
		Day 43	2020-07-20 13:03 (15)		36.4
		Day 57	2020-08-03 13:17 (29)		36.6
	Weight (kg)	Screening	2020-05-28 13:34 (-6)		89.4

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2061008	Weight (kg)	Day 1/ PRE-DOSE	2020-06-03 13:06 (1)	Yes	91
		Day 1/ POST-DOSE	2020-06-03 15:33 (1)		91
		Day 15	2020-06-16 13:20 (14)		91.2
		Day 29/ PRE-DOSE	2020-07-06 08:14 (34)		91.7
		Day 29/ POST-DOSE	2020-07-06 10:41 (1)		91.7
		Day 57	2020-08-03 13:17 (29)		93
US2061010	Body Mass Index (kg/m2)	Screening	2020-05-28 14:48 (-6)	Yes	20.5
		Day 57	2020-08-04 11:10 (28)		20.7
	Diastolic Blood Pressure (mmHg)	Screening	2020-05-28 14:48 (-6)		63
		Day 1/ PRE-DOSE	2020-06-03 08:32 (1)	Yes	80
		Day 1/ POST-DOSE	2020-06-03 10:52 (1)		93 G1 Diastolic Hypertension
		Day 8	2020-06-10 16:35 (8)		77
		Day 15	2020-06-17 16:45 (15)		64
		Day 29/ PRE-DOSE	2020-07-08 08:12 (36)		81

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2061010	Diastolic Blood Pressure (mmHg)	Day 29/ POST-DOSE	2020-07-08 10:36 (1)		79
		Day 36	2020-07-15 09:15 (8)		85
		Day 43	2020-07-22 08:22 (15)		77
		Day 57	2020-08-04 11:10 (28)		65
	Height (cm)	Screening	2020-05-28 14:48 (-6)		176.5
		Day 1/ PRE-DOSE	2020-06-03 08:32 (1)	Yes	177
		Day 1/ POST-DOSE	2020-06-03 10:52 (1)		177
		Day 29/ PRE-DOSE	2020-07-08 08:12 (36)		176.5
		Day 29/ POST-DOSE	2020-07-08 10:36 (1)		176.5
		Day 57	2020-08-04 11:10 (28)		177
	Pulse Rate (beats/min)	Screening	2020-05-28 14:48 (-6)		54 G1 Bradycardia
		Day 1/ PRE-DOSE	2020-06-03 08:32 (1)	Yes	58
		Day 1/ POST-DOSE	2020-06-03 10:52 (1)		60
		Day 8	2020-06-10 16:35 (8)		61
		Day 15	2020-06-17 16:45 (15)		63

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2061010	Pulse Rate (beats/min)	Day 29/ PRE-DOSE	2020-07-08 08:12 (36)		64
		Day 29/ POST-DOSE	2020-07-08 10:36 (1)		40 G3 Bradycardia
		Day 36	2020-07-15 09:15 (8)		57
		Day 43	2020-07-22 08:22 (15)		56
		Day 57	2020-08-04 11:10 (28)		47 G2 Bradycardia
	Respiratory Rate (breaths/min)	Screening	2020-05-28 14:48 (-6)		16
		Day 1/ PRE-DOSE	2020-06-03 08:32 (1)	Yes	16
		Day 1/ POST-DOSE	2020-06-03 10:52 (1)		14
		Day 8	2020-06-10 16:35 (8)		16
		Day 15	2020-06-17 16:45 (15)		14
		Day 29/ PRE-DOSE	2020-07-08 08:12 (36)		16
		Day 29/ POST-DOSE	2020-07-08 10:36 (1)		14
		Day 36	2020-07-15 09:15 (8)		16
		Day 43	2020-07-22 08:22 (15)		16
		Day 57	2020-08-04 11:10 (28)		16
	Systolic Blood Pressure (mmHg)	Screening	2020-05-28 14:48 (-6)		104

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2061010	Systolic Blood Pressure (mmHg)	Day 1/ PRE-DOSE	2020-06-03 08:32 (1)	Yes	129
		Day 1/ POST-DOSE	2020-06-03 10:52 (1)		147 G1 Systolic Hypertension
		Day 8	2020-06-10 16:35 (8)		123
		Day 15	2020-06-17 16:45 (15)		121
		Day 29/ PRE-DOSE	2020-07-08 08:12 (36)		126
		Day 29/ POST-DOSE	2020-07-08 10:36 (1)		118
		Day 36	2020-07-15 09:15 (8)		129
		Day 43	2020-07-22 08:22 (15)		113
		Day 57	2020-08-04 11:10 (28)		116
	Temperature (C)	Screening	2020-05-28 14:48 (-6)		37.2
		Day 1/ PRE-DOSE	2020-06-03 08:32 (1)	Yes	36.3
		Day 1/ POST-DOSE	2020-06-03 10:52 (1)		36.3
		Day 8	2020-06-10 16:35 (8)		36.9
		Day 15	2020-06-17 16:45 (15)		37.2
		Day 29/ PRE-DOSE	2020-07-08 08:12 (36)		36.4

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2061010	Temperature (C)	Day 29/ POST-DOSE	2020-07-08 10:36 (1)		36.4
		Day 36	2020-07-15 09:15 (8)		36.5
		Day 43	2020-07-22 08:22 (15)		36.8
		Day 57	2020-08-04 11:10 (28)		36.6
	Weight (kg)	Screening	2020-05-28 14:48 (-6)		63.8
		Day 1/ PRE-DOSE	2020-06-03 08:32 (1)	Yes	63
		Day 1/ POST-DOSE	2020-06-03 10:52 (1)		63
		Day 15	2020-06-17 16:45 (15)		63
		Day 29/ PRE-DOSE	2020-07-08 08:12 (36)		66
		Day 29/ POST-DOSE	2020-07-08 10:36 (1)		66
		Day 57	2020-08-04 11:10 (28)		64.7
US2061023	Body Mass Index (kg/m2)	Screening	2020-05-29 13:53 (-7)	Yes	26.4
		Day 57	2020-08-03 08:24 (29)		26.9
	Diastolic Blood Pressure (mmHg)	Screening	2020-05-29 13:53 (-7)		77
		Day 1/ PRE-DOSE	2020-06-05 10:15 (1)	Yes	78

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2061023	Diastolic Blood Pressure (mmHg)	Day 1/ POST-DOSE	2020-06-05 12:39 (1)		75
		Unscheduled	2020-06-11 10:03 (7)		87
		Day 8	2020-06-15 08:08 (11)		86
		Day 15	2020-06-17 10:15 (13)		84
		Day 29/ PRE-DOSE	2020-07-06 08:17 (32)		75
		Day 29/ POST-DOSE	2020-07-06 10:48 (1)		78
		Day 36	2020-07-13 08:08 (8)		67
		Day 43	2020-07-20 08:08 (15)		85
		Day 57	2020-08-03 08:24 (29)		86
	Height (cm)	Screening	2020-05-29 13:53 (-7)		176
		Day 1/ PRE-DOSE	2020-06-05 10:15 (1)	Yes	176
		Day 1/ POST-DOSE	2020-06-05 12:39 (1)		176
		Day 29/ PRE-DOSE	2020-07-06 08:17 (32)		178
		Day 29/ POST-DOSE	2020-07-06 10:48 (1)		178
		Day 57	2020-08-03 08:24 (29)		176
	Pulse Rate (beats/min)	Screening	2020-05-29 13:53 (-7)		63

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2061023	Pulse Rate (beats/min)	Day 1/ PRE-DOSE	2020-06-05 10:15 (1)	Yes	53 G1 Bradycardia
		Day 1/ POST-DOSE	2020-06-05 12:39 (1)		63
		Unscheduled	2020-06-11 10:03 (7)		67
		Day 8	2020-06-15 08:08 (11)		52 G1 Bradycardia
		Day 15	2020-06-17 10:15 (13)		47 G2 Bradycardia
		Day 29/ PRE-DOSE	2020-07-06 08:17 (32)		62
		Day 29/ POST-DOSE	2020-07-06 10:48 (1)		57
		Day 36	2020-07-13 08:08 (8)		57
		Day 43	2020-07-20 08:08 (15)		80
		Day 57	2020-08-03 08:24 (29)		68
	Respiratory Rate (breaths/min)	Screening	2020-05-29 13:53 (-7)		16
		Day 1/ PRE-DOSE	2020-06-05 10:15 (1)	Yes	16
		Day 1/ POST-DOSE	2020-06-05 12:39 (1)		16
		Unscheduled	2020-06-11 10:03 (7)		16
		Day 8	2020-06-15 08:08 (11)		16
		Day 15	2020-06-17 10:15 (13)		16

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2

Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)

Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2061023	Respiratory Rate (breaths/min)	Day 29/ PRE-DOSE	2020-07-06 08:17 (32)		14
		Day 29/ POST-DOSE	2020-07-06 10:48 (1)		14
		Day 36	2020-07-13 08:08 (8)		16
		Day 43	2020-07-20 08:08 (15)		16
		Day 57	2020-08-03 08:24 (29)		16
	Systolic Blood Pressure (mmHg)	Screening	2020-05-29 13:53 (-7)		125
		Day 1/ PRE-DOSE	2020-06-05 10:15 (1)	Yes	133
		Day 1/ POST-DOSE	2020-06-05 12:39 (1)		127
		Unscheduled	2020-06-11 10:03 (7)		115
		Day 8	2020-06-15 08:08 (11)		128
		Day 15	2020-06-17 10:15 (13)		135
		Day 29/ PRE-DOSE	2020-07-06 08:17 (32)		117
		Day 29/ POST-DOSE	2020-07-06 10:48 (1)		110
		Day 36	2020-07-13 08:08 (8)		98
		Day 43	2020-07-20 08:08 (15)		130
		Day 57	2020-08-03 08:24 (29)		117
	Temperature (C)	Screening	2020-05-29 13:53 (-7)		36.7

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2

Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)

Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2061023	Temperature (C)	Day 1/ PRE-DOSE	2020-06-05 10:15 (1)	Yes	36.9
		Day 1/ POST-DOSE	2020-06-05 12:39 (1)		36.8
		Unscheduled	2020-06-11 10:03 (7)		36.4
		Day 8	2020-06-15 08:08 (11)		36.1
		Day 15	2020-06-17 10:15 (13)		36.4
		Day 29/ PRE-DOSE	2020-07-06 08:17 (32)		36.7
		Day 29/ POST-DOSE	2020-07-06 10:48 (1)		36.8
		Day 36	2020-07-13 08:08 (8)		36.4
		Day 43	2020-07-20 08:08 (15)		36.4
		Day 57	2020-08-03 08:24 (29)		36.9
	Weight (kg)	Screening	2020-05-29 13:53 (-7)		81.9
		Day 1/ PRE-DOSE	2020-06-05 10:15 (1)	Yes	81.9
		Day 1/ POST-DOSE	2020-06-05 12:39 (1)		81.9
		Day 15	2020-06-17 10:15 (13)		83
		Day 29/ PRE-DOSE	2020-07-06 08:17 (32)		83.9

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2061023	Weight (kg)	Day 29/ POST-DOSE	2020-07-06 10:48 (1)		83.9
		Day 57	2020-08-03 08:24 (29)		83.2
US2081023	Body Mass Index (kg/m2)	Screening	2020-05-28 13:28 (-6)	Yes	25.5
		Day 15	2020-06-18 08:58 (16)		25
		Day 57	2020-08-05 15:15 (30)		25.5
	Diastolic Blood Pressure (mmHg)	Screening	2020-05-28 13:28 (-6)		87
		Day 1/ PRE-DOSE	2020-06-03 13:15 (1)	Yes	76
		Day 1/ POST-DOSE	2020-06-03 14:51 (1)		71
		Day 15	2020-06-18 08:58 (16)		76
		Day 29/ PRE-DOSE	2020-07-07 09:12 (35)		69
		Day 29/ POST-DOSE	2020-07-07 10:48 (1)		78
		Day 36	2020-07-14 09:16 (8)		84
		Day 43	2020-07-20 09:05 (14)		70
		Day 57	2020-08-05 15:15 (30)		70
	Height (cm)	Screening	2020-05-28 13:28 (-6)		181.6
		Day 1/ PRE-DOSE	2020-06-03 13:15 (1)	Yes	181.6

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2081023	Height (cm)	Day 1/ POST-DOSE	2020-06-03 14:51 (1)		181.6
		Day 15	2020-06-18 08:58 (16)		181.6
		Day 29/ PRE-DOSE	2020-07-07 09:12 (35)		181.6
		Day 29/ POST-DOSE	2020-07-07 10:48 (1)		181.6
		Day 57	2020-08-05 15:15 (30)		181.6
	Pulse Rate (beats/min)	Screening	2020-05-28 13:28 (-6)		49 G2 Bradycardia
		Day 1/ PRE-DOSE	2020-06-03 13:15 (1)	Yes	72
		Day 1/ POST-DOSE	2020-06-03 14:51 (1)		49 G2 Bradycardia
		Day 15	2020-06-18 08:58 (16)		60
		Day 29/ PRE-DOSE	2020-07-07 09:12 (35)		75
		Day 29/ POST-DOSE	2020-07-07 10:48 (1)		47 G2 Bradycardia
		Day 36	2020-07-14 09:16 (8)		70
		Day 43	2020-07-20 09:05 (14)		62
		Day 57	2020-08-05 15:15 (30)		60
	Respiratory Rate (breaths/min)	Screening	2020-05-28 13:28 (-6)		17 G1 Respiratory Rate Increased

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2081023	Respiratory Rate (breaths/min)	Day 1/ PRE-DOSE	2020-06-03 13:15 (1)	Yes	19 G1 Respiratory Rate Increased
		Day 1/ POST-DOSE	2020-06-03 14:51 (1)		17 G1 Respiratory Rate Increased
		Day 15	2020-06-18 08:58 (16)		18 G1 Respiratory Rate Increased
		Day 29/ PRE-DOSE	2020-07-07 09:12 (35)		18 G1 Respiratory Rate Increased
		Day 29/ POST-DOSE	2020-07-07 10:48 (1)		17 G1 Respiratory Rate Increased
		Day 36	2020-07-14 09:16 (8)		12
		Day 43	2020-07-20 09:05 (14)		17 G1 Respiratory Rate Increased
		Day 57	2020-08-05 15:15 (30)		17 G1 Respiratory Rate Increased
	Systolic Blood Pressure (mmHg)	Screening	2020-05-28 13:28 (-6)		134
		Day 1/ PRE-DOSE	2020-06-03 13:15 (1)	Yes	130
		Day 1/ POST-DOSE	2020-06-03 14:51 (1)		129
		Day 15	2020-06-18 08:58 (16)		112
		Day 29/ PRE-DOSE	2020-07-07 09:12 (35)		112

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2

Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)

Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2081023	Systolic Blood Pressure (mmHg)	Day 29/ POST-DOSE	2020-07-07 10:48 (1)		130
		Day 36	2020-07-14 09:16 (8)		111
		Day 43	2020-07-20 09:05 (14)		114
		Day 57	2020-08-05 15:15 (30)		118
	Temperature (C)	Screening	2020-05-28 13:28 (-6)		36.4
		Day 1/ PRE-DOSE	2020-06-03 13:15 (1)	Yes	37
		Day 1/ POST-DOSE	2020-06-03 14:51 (1)		36.7
		Day 15	2020-06-18 08:58 (16)		36.4
		Day 29/ PRE-DOSE	2020-07-07 09:12 (35)		36.5
		Day 29/ POST-DOSE	2020-07-07 10:48 (1)		36.6
		Day 36	2020-07-14 09:16 (8)		36.6
		Day 43	2020-07-20 09:05 (14)		36.4
		Day 57	2020-08-05 15:15 (30)		36.1
	Weight (kg)	Screening	2020-05-28 13:28 (-6)		84.1
		Day 1/ PRE-DOSE	2020-06-03 13:15 (1)	Yes	84.1
		Day 1/ POST-DOSE	2020-06-03 14:51 (1)		84.1

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2

Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)

Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2081023	Weight (kg)	Day 15	2020-06-18 08:58 (16)		82.5
		Day 29/ PRE-DOSE	2020-07-07 09:12 (35)		81.1
		Day 29/ POST-DOSE	2020-07-07 10:48 (1)		81.1
		Day 57	2020-08-05 15:15 (30)		84.1
US2081063	Body Mass Index (kg/m2)	Screening	2020-06-05 10:33 (-3)	Yes	21.3
		Day 15	2020-06-22 07:22 (15)		20.6
		Day 57	2020-08-06 08:40 (30)		22.9
	Diastolic Blood Pressure (mmHg)	Screening	2020-06-05 10:33 (-3)		74
		Day 1/ PRE-DOSE	2020-06-08 07:55 (1)	Yes	78
		Day 1/ POST-DOSE	2020-06-08 09:24 (1)		70
		Day 8	2020-06-15 07:07 (8)		74
		Day 15	2020-06-22 07:22 (15)		78
		Day 29/ PRE-DOSE	2020-07-08 09:05 (31)		78
		Day 29/ POST-DOSE	2020-07-08 11:01 (1)		78
		Day 36	2020-07-15 08:30 (8)		68
		Day 43	2020-07-22 08:32 (15)		72

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2081063	Diastolic Blood Pressure (mmHg)	Day 57	2020-08-06 08:40 (30)		82
	Height (cm)	Screening	2020-06-05 10:33 (-3)		191.8
		Day 1/ PRE-DOSE	2020-06-08 07:55 (1)	Yes	191.8
		Day 1/ POST-DOSE	2020-06-08 09:24 (1)		191.8
		Day 15	2020-06-22 07:22 (15)		191.8
		Day 29/ PRE-DOSE	2020-07-08 09:05 (31)		191.8
		Day 29/ POST-DOSE	2020-07-08 11:01 (1)		191.8
		Day 57	2020-08-06 08:40 (30)		191.8
	Pulse Rate (beats/min)	Screening	2020-06-05 10:33 (-3)		57
		Day 1/ PRE-DOSE	2020-06-08 07:55 (1)	Yes	62
		Day 1/ POST-DOSE	2020-06-08 09:24 (1)		53 G1 Bradycardia
		Day 8	2020-06-15 07:07 (8)		45 G2 Bradycardia
		Day 15	2020-06-22 07:22 (15)		60
		Day 29/ PRE-DOSE	2020-07-08 09:05 (31)		64
		Day 29/ POST-DOSE	2020-07-08 11:01 (1)		56

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2

Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)

Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2081063	Pulse Rate (beats/min)	Day 36	2020-07-15 08:30 (8)		52 G1 Bradycardia
		Day 43	2020-07-22 08:32 (15)		60
		Day 57	2020-08-06 08:40 (30)		67
	Respiratory Rate (breaths/min)	Screening	2020-06-05 10:33 (-3)		14
		Day 1/ PRE-DOSE	2020-06-08 07:55 (1)	Yes	18 G1 Respiratory Rate Increased
		Day 1/ POST-DOSE	2020-06-08 09:24 (1)		17 G1 Respiratory Rate Increased
		Day 8	2020-06-15 07:07 (8)		16
		Day 15	2020-06-22 07:22 (15)		14
		Day 29/ PRE-DOSE	2020-07-08 09:05 (31)		16
		Day 29/ POST-DOSE	2020-07-08 11:01 (1)		17 G1 Respiratory Rate Increased
		Day 36	2020-07-15 08:30 (8)		17 G1 Respiratory Rate Increased
		Day 43	2020-07-22 08:32 (15)		17 G1 Respiratory Rate Increased
		Day 57	2020-08-06 08:40 (30)		12
	Systolic Blood Pressure (mmHg)	Screening	2020-06-05 10:33 (-3)		116
		Day 1/ PRE-DOSE	2020-06-08 07:55 (1)	Yes	126

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2

Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)

Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2081063	Systolic Blood Pressure (mmHg)	Day 1/ POST-DOSE	2020-06-08 09:24 (1)		112
		Day 8	2020-06-15 07:07 (8)		118
		Day 15	2020-06-22 07:22 (15)		110
		Day 29/ PRE-DOSE	2020-07-08 09:05 (31)		114
		Day 29/ POST-DOSE	2020-07-08 11:01 (1)		116
		Day 36	2020-07-15 08:30 (8)		110
		Day 43	2020-07-22 08:32 (15)		125
		Day 57	2020-08-06 08:40 (30)		118
	Temperature (C)	Screening	2020-06-05 10:33 (-3)		36.8
		Day 1/ PRE-DOSE	2020-06-08 07:55 (1)	Yes	36.7
		Day 1/ POST-DOSE	2020-06-08 09:24 (1)		36.5
		Day 8	2020-06-15 07:07 (8)		36.7
		Day 15	2020-06-22 07:22 (15)		36.7
		Day 29/ PRE-DOSE	2020-07-08 09:05 (31)		36.4
		Day 29/ POST-DOSE	2020-07-08 11:01 (1)		36.6
		Day 36	2020-07-15 08:30 (8)		36.7

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2

Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)

Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2081063	Temperature (C)	Day 43	2020-07-22 08:32 (15)		36.7
		Day 57	2020-08-06 08:40 (30)		36.7
	Weight (kg)	Screening	2020-06-05 10:33 (-3)		78.5
		Day 1/ PRE-DOSE	2020-06-08 07:55 (1)	Yes	78.5
		Day 1/ POST-DOSE	2020-06-08 09:24 (1)		78.5
		Day 15	2020-06-22 07:22 (15)		75.9
		Day 29/ PRE-DOSE	2020-07-08 09:05 (31)		80.8
		Day 29/ POST-DOSE	2020-07-08 11:01 (1)		80.8
		Day 57	2020-08-06 08:40 (30)		84.1

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2

Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)

Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2021206	Body Mass Index (kg/m2)	Screening	2020-06-17 11:20 (-15)	Yes	27.2
		Day 57	2020-09-08 10:46 (36)		26.8
	Diastolic Blood Pressure (mmHg)	Screening	2020-06-17 11:20 (-15)		84
		Day 1/ PRE-DOSE	2020-07-02 11:15 (1)	Yes	72
		Day 1/ POST-DOSE	2020-07-02 13:17 (1)		80
		Day 8	2020-07-09 09:21 (8)		76
		Day 15	2020-07-16 09:24 (15)		88
		Day 29/ PRE-DOSE	2020-08-04 10:16 (34)		84
		Day 29/ POST-DOSE	2020-08-04 11:53 (1)		88
		Day 36	2020-08-14 08:25 (11)		86
		Day 43	2020-08-19 09:39 (16)		84
		Day 57	2020-09-08 10:46 (36)		86
	Height (cm)	Screening	2020-06-17 11:20 (-15)		172.4
		Day 1/ PRE-DOSE	2020-07-02 11:15 (1)	Yes	172.4
		Day 1/ POST-DOSE	2020-07-02 13:17 (1)		172.4
		Day 29/ PRE-DOSE	2020-08-04 10:16 (34)		172.4

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2

Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)

Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2021206	Height (cm)	Day 29/ POST-DOSE	2020-08-04 11:53 (1)		172.4
		Day 57	2020-09-08 10:46 (36)		172.4
	Pulse Rate (beats/min)	Screening	2020-06-17 11:20 (-15)		68
		Day 1/ PRE-DOSE	2020-07-02 11:15 (1)	Yes	66
		Day 1/ POST-DOSE	2020-07-02 13:17 (1)		60
		Day 8	2020-07-09 09:21 (8)		83
		Day 15	2020-07-16 09:24 (15)		67
		Day 29/ PRE-DOSE	2020-08-04 10:16 (34)		76
		Day 29/ POST-DOSE	2020-08-04 11:53 (1)		67
		Day 36	2020-08-14 08:25 (11)		66
		Day 43	2020-08-19 09:39 (16)		68
		Day 57	2020-09-08 10:46 (36)		68
	Respiratory Rate (breaths/min)	Screening	2020-06-17 11:20 (-15)		16
		Day 1/ PRE-DOSE	2020-07-02 11:15 (1)	Yes	15
		Day 1/ POST-DOSE	2020-07-02 13:17 (1)		15
		Day 8	2020-07-09 09:21 (8)		16

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2

Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)

Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2021206	Respiratory Rate (breaths/min)	Day 15	2020-07-16 09:24 (15)		15
		Day 29/ PRE-DOSE	2020-08-04 10:16 (34)		16
		Day 29/ POST-DOSE	2020-08-04 11:53 (1)		15
		Day 36	2020-08-14 08:25 (11)		15
		Day 43	2020-08-19 09:39 (16)		15
		Day 57	2020-09-08 10:46 (36)		15
	Systolic Blood Pressure (mmHg)	Screening	2020-06-17 11:20 (-15)		136
		Day 1/ PRE-DOSE	2020-07-02 11:15 (1)	Yes	141 G1 Systolic Hypertension
		Day 1/ POST-DOSE	2020-07-02 13:17 (1)		132
		Day 8	2020-07-09 09:21 (8)		120
		Day 15	2020-07-16 09:24 (15)		154 G2 Systolic Hypertension
		Day 29/ PRE-DOSE	2020-08-04 10:16 (34)		132
		Day 29/ POST-DOSE	2020-08-04 11:53 (1)		148 G1 Systolic Hypertension
		Day 36	2020-08-14 08:25 (11)		136
		Day 43	2020-08-19 09:39 (16)		134
		Day 57	2020-09-08 10:46 (36)		138

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2

Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)

Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2021206	Temperature (C)	Screening	2020-06-17 11:20 (-15)		37.2
		Day 1/ PRE-DOSE	2020-07-02 11:15 (1)	Yes	36.7
		Day 1/ POST-DOSE	2020-07-02 13:17 (1)		36.9
		Day 8	2020-07-09 09:21 (8)		36.8
		Day 15	2020-07-16 09:24 (15)		37
		Day 29/ PRE-DOSE	2020-08-04 10:16 (34)		36.8
		Day 29/ POST-DOSE	2020-08-04 11:53 (1)		37
		Day 36	2020-08-14 08:25 (11)		36.8
		Day 43	2020-08-19 09:39 (16)		36.9
		Day 57	2020-09-08 10:46 (36)		37
	Weight (kg)	Screening	2020-06-17 11:20 (-15)		80.8
		Day 1/ PRE-DOSE	2020-07-02 11:15 (1)	Yes	81.9
		Day 1/ POST-DOSE	2020-07-02 13:17 (1)		81.9
		Day 29/ PRE-DOSE	2020-08-04 10:16 (34)		79.9
		Day 29/ POST-DOSE	2020-08-04 11:53 (1)		79.9

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2

Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)

Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2021206	Weight (kg)	Day 57	2020-09-08 10:46 (36)		79.6
US2031103	Body Mass Index (kg/m2)	Screening	2020-06-09 16:48 (-20)	Yes	28.5
		Day 57	2020-08-27 15:57 (29)		28.2
	Diastolic Blood Pressure (mmHg)	Screening	2020-06-09 16:48 (-20)		80
		Day 1/ PRE-DOSE	2020-06-29 12:16 (1)	Yes	77
		Day 1/ POST-DOSE	2020-06-29 14:20 (1)		82
		Day 8	2020-07-07 16:21 (9)		88
		Day 15	2020-07-13 11:04 (15)		84
		Day 29/ PRE-DOSE	2020-07-30 16:10 (32)		86
		Day 29/ POST-DOSE	2020-07-30 18:15 (1)		80
		Day 36	2020-08-06 16:11 (8)		84
		Day 43	2020-08-13 15:41 (15)		80
		Day 57	2020-08-27 15:57 (29)		86
	Height (cm)	Screening	2020-06-09 16:48 (-20)		176.5
		Day 1/ PRE-DOSE	2020-06-29 12:16 (1)	Yes	176.5
		Day 1/ POST-DOSE	2020-06-29 14:20 (1)		176.5

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2031103	Height (cm)	Day 29/ PRE-DOSE	2020-07-30 16:10 (32)		176.5
		Day 29/ POST-DOSE	2020-07-30 18:15 (1)		176.5
		Day 57	2020-08-27 15:57 (29)		176.5
	Pulse Rate (beats/min)	Screening	2020-06-09 16:48 (-20)		86
		Day 1/ PRE-DOSE	2020-06-29 12:16 (1)	Yes	59
		Day 1/ POST-DOSE	2020-06-29 14:20 (1)		51 G1 Bradycardia
		Day 8	2020-07-07 16:21 (9)		54 G1 Bradycardia
		Day 15	2020-07-13 11:04 (15)		55
		Day 29/ PRE-DOSE	2020-07-30 16:10 (32)		53 G1 Bradycardia
		Day 29/ POST-DOSE	2020-07-30 18:15 (1)		64
		Day 36	2020-08-06 16:11 (8)		60
		Day 43	2020-08-13 15:41 (15)		74
		Day 57	2020-08-27 15:57 (29)		74
	Respiratory Rate (breaths/min)	Screening	2020-06-09 16:48 (-20)		16
		Day 1/ PRE-DOSE	2020-06-29 12:16 (1)	Yes	16

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2031103	Respiratory Rate (breaths/min)	Day 1/ POST-DOSE	2020-06-29 14:20 (1)		18 G1 Respiratory Rate Increased
		Day 8	2020-07-07 16:21 (9)		15
		Day 15	2020-07-13 11:04 (15)		15
		Day 29/ PRE-DOSE	2020-07-30 16:10 (32)		15
		Day 29/ POST-DOSE	2020-07-30 18:15 (1)		16
		Day 36	2020-08-06 16:11 (8)		14
		Day 43	2020-08-13 15:41 (15)		17 G1 Respiratory Rate Increased
		Day 57	2020-08-27 15:57 (29)		15
	Systolic Blood Pressure (mmHg)	Screening	2020-06-09 16:48 (-20)		130
		Day 1/ PRE-DOSE	2020-06-29 12:16 (1)	Yes	129
		Day 1/ POST-DOSE	2020-06-29 14:20 (1)		135
		Day 8	2020-07-07 16:21 (9)		148 G1 Systolic Hypertension
		Day 15	2020-07-13 11:04 (15)		145 G1 Systolic Hypertension
		Day 29/ PRE-DOSE	2020-07-30 16:10 (32)		149 G1 Systolic Hypertension

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2031103	Systolic Blood Pressure (mmHg)	Day 29/ POST-DOSE	2020-07-30 18:15 (1)		130
		Day 36	2020-08-06 16:11 (8)		154 G2 Systolic Hypertension
		Day 43	2020-08-13 15:41 (15)		136
		Day 57	2020-08-27 15:57 (29)		140
	Temperature (C)	Screening	2020-06-09 16:48 (-20)		36.6
		Day 1/ PRE-DOSE	2020-06-29 12:16 (1)	Yes	36.4
		Day 1/ POST-DOSE	2020-06-29 14:20 (1)		36.5
		Day 8	2020-07-07 16:21 (9)		36.5
		Day 15	2020-07-13 11:04 (15)		36.6
		Day 29/ PRE-DOSE	2020-07-30 16:10 (32)		36.7
		Day 29/ POST-DOSE	2020-07-30 18:15 (1)		36.6
		Day 36	2020-08-06 16:11 (8)		36.3
		Day 43	2020-08-13 15:41 (15)		36.5
		Day 57	2020-08-27 15:57 (29)		36.7
	Weight (kg)	Screening	2020-06-09 16:48 (-20)		88.9
		Day 1/ PRE-DOSE	2020-06-29 12:16 (1)	Yes	88.9

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2031103	Weight (kg)	Day 1/ POST-DOSE	2020-06-29 14:20 (1)		88.9
		Day 29/ PRE-DOSE	2020-07-30 16:10 (32)		87.7
		Day 29/ POST-DOSE	2020-07-30 18:15 (1)		87.7
		Day 57	2020-08-27 15:57 (29)		87.8
US2041102	Body Mass Index (kg/m2)	Screening	2020-06-10 09:43 (-16)	Yes	26.6
		Day 57	2020-08-18 10:23 (26)		26.7
	Diastolic Blood Pressure (mmHg)	Screening	2020-06-10 09:43 (-16)		73
		Day 1/ PRE-DOSE	2020-06-26 07:04 (1)	Yes	86
		Day 1/ POST-DOSE	2020-06-26 09:40 (1)		82
		Day 8	2020-07-06 09:10 (11)		83
		Day 15	2020-07-10 10:05 (15)		78
		Day 29/ PRE-DOSE	2020-07-24 12:38 (29)		79
		Day 29/ POST-DOSE	2020-07-24 14:16 (1)		79
		Day 36	2020-07-31 11:05 (8)		97 G2 Diastolic Hypertension

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2

Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)

Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2041102	Diastolic Blood Pressure (mmHg)	Day 43	2020-08-07 11:37 (15)		74
		Day 57	2020-08-18 10:23 (26)		85
	Height (cm)	Screening	2020-06-10 09:43 (-16)		181.6
		Day 1/ PRE-DOSE	2020-06-26 07:04 (1)	Yes	181.6
		Day 1/ POST-DOSE	2020-06-26 09:40 (1)		181.6
		Day 29/ PRE-DOSE	2020-07-24 12:38 (29)		181.6
		Day 29/ POST-DOSE	2020-07-24 14:16 (1)		181.6
		Day 57	2020-08-18 10:23 (26)		181.6
	Pulse Rate (beats/min)	Screening	2020-06-10 09:43 (-16)		65
		Day 1/ PRE-DOSE	2020-06-26 07:04 (1)	Yes	67
		Day 1/ POST-DOSE	2020-06-26 09:40 (1)		72
		Day 8	2020-07-06 09:10 (11)		85
		Day 15	2020-07-10 10:05 (15)		78
		Day 29/ PRE-DOSE	2020-07-24 12:38 (29)		67
		Day 29/ POST-DOSE	2020-07-24 14:16 (1)		57

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2

Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)

Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2041102	Pulse Rate (beats/min)	Day 36	2020-07-31 11:05 (8)		64
		Day 43	2020-08-07 11:37 (15)		65
		Day 57	2020-08-18 10:23 (26)		58
	Respiratory Rate (breaths/min)	Screening	2020-06-10 09:43 (-16)		16
		Day 1/ PRE-DOSE	2020-06-26 07:04 (1)	Yes	14
		Day 1/ POST-DOSE	2020-06-26 09:40 (1)		14
		Day 8	2020-07-06 09:10 (11)		14
		Day 15	2020-07-10 10:05 (15)		16
		Day 29/ PRE-DOSE	2020-07-24 12:38 (29)		14
		Day 29/ POST-DOSE	2020-07-24 14:16 (1)		14
		Day 36	2020-07-31 11:05 (8)		14
		Day 43	2020-08-07 11:37 (15)		14
		Day 57	2020-08-18 10:23 (26)		12
	Systolic Blood Pressure (mmHg)	Screening	2020-06-10 09:43 (-16)		119
		Day 1/ PRE-DOSE	2020-06-26 07:04 (1)	Yes	139
		Day 1/ POST-DOSE	2020-06-26 09:40 (1)		142 G1 Systolic Hypertension
		Day 8	2020-07-06 09:10 (11)		119

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2

Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)

Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2041102	Systolic Blood Pressure (mmHg)	Day 15	2020-07-10 10:05 (15)		124
		Day 29/ PRE-DOSE	2020-07-24 12:38 (29)		139
		Day 29/ POST-DOSE	2020-07-24 14:16 (1)		143 G1 Systolic Hypertension
		Day 36	2020-07-31 11:05 (8)		146 G1 Systolic Hypertension
		Day 43	2020-08-07 11:37 (15)		130
		Day 57	2020-08-18 10:23 (26)		138
	Temperature (C)	Screening	2020-06-10 09:43 (-16)		37.2
		Day 1/ PRE-DOSE	2020-06-26 07:04 (1)	Yes	36.4
		Day 1/ POST-DOSE	2020-06-26 09:40 (1)		36.3
		Day 8	2020-07-06 09:10 (11)		36.8
		Day 15	2020-07-10 10:05 (15)		36.9
		Day 29/ PRE-DOSE	2020-07-24 12:38 (29)		36.9
		Day 29/ POST-DOSE	2020-07-24 14:16 (1)		36.6
		Day 36	2020-07-31 11:05 (8)		36.7
		Day 43	2020-08-07 11:37 (15)		36.8
		Day 57	2020-08-18 10:23 (26)		36.4

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2

Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)

Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2041102	Weight (kg)	Screening	2020-06-10 09:43 (-16)		87.7
		Day 1/ PRE-DOSE	2020-06-26 07:04 (1)	Yes	88
		Day 1/ POST-DOSE	2020-06-26 09:40 (1)		88
		Day 29/ PRE-DOSE	2020-07-24 12:38 (29)		87.6
		Day 29/ POST-DOSE	2020-07-24 14:16 (1)		87.6
		Day 57	2020-08-18 10:23 (26)		88.1
US2041114	Body Mass Index (kg/m2)	Screening	2020-06-11 11:45 (-15)	Yes	26
		Day 57	2020-09-01 07:16 (30)		26.3
	Diastolic Blood Pressure (mmHg)	Screening	2020-06-11 11:45 (-15)		70
		Day 1/ PRE-DOSE	2020-06-26 15:05 (1)	Yes	72
		Day 1/ POST-DOSE	2020-06-26 16:45 (1)		72
		Day 8	2020-07-06 08:35 (11)		74
		Day 15	2020-07-07 07:09 (12)		76
		Day 29/ PRE-DOSE	2020-08-03 11:22 (39)		80

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2

Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)

Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2041114	Diastolic Blood Pressure (mmHg)	Day 29/ POST-DOSE	2020-08-03 12:52 (1)		78
		Day 36	2020-08-11 07:10 (9)		79
		Day 43	2020-08-18 07:14 (16)		71
		Day 57	2020-09-01 07:16 (30)		77
	Height (cm)	Screening	2020-06-11 11:45 (-15)		191
		Day 1/ PRE-DOSE	2020-06-26 15:05 (1)	Yes	191
		Day 1/ POST-DOSE	2020-06-26 16:45 (1)		191
		Day 29/ PRE-DOSE	2020-08-03 11:22 (39)		191
		Day 29/ POST-DOSE	2020-08-03 12:52 (1)		191
		Day 57	2020-09-01 07:16 (30)		191
	Pulse Rate (beats/min)	Screening	2020-06-11 11:45 (-15)		60
		Day 1/ PRE-DOSE	2020-06-26 15:05 (1)	Yes	60
		Day 1/ POST-DOSE	2020-06-26 16:45 (1)		62
		Day 8	2020-07-06 08:35 (11)		54 G1 Bradycardia
		Day 15	2020-07-07 07:09 (12)		61

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2

Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)

Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2041114	Pulse Rate (beats/min)	Day 29/ PRE-DOSE	2020-08-03 11:22 (39)		53 G1 Bradycardia
		Day 29/ POST-DOSE	2020-08-03 12:52 (1)		49 G2 Bradycardia
		Day 36	2020-08-11 07:10 (9)		49 G2 Bradycardia
		Day 43	2020-08-18 07:14 (16)		63
		Day 57	2020-09-01 07:16 (30)		56
	Respiratory Rate (breaths/min)	Screening	2020-06-11 11:45 (-15)		12
		Day 1/ PRE-DOSE	2020-06-26 15:05 (1)	Yes	14
		Day 1/ POST-DOSE	2020-06-26 16:45 (1)		14
		Day 8	2020-07-06 08:35 (11)		14
		Day 15	2020-07-07 07:09 (12)		14
		Day 29/ PRE-DOSE	2020-08-03 11:22 (39)		12
		Day 29/ POST-DOSE	2020-08-03 12:52 (1)		14
		Day 36	2020-08-11 07:10 (9)		12
		Day 43	2020-08-18 07:14 (16)		14
		Day 57	2020-09-01 07:16 (30)		12
	Systolic Blood Pressure (mmHg)	Screening	2020-06-11 11:45 (-15)		133

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2041114	Systolic Blood Pressure (mmHg)	Day 1/ PRE-DOSE	2020-06-26 15:05 (1)	Yes	130
		Day 1/ POST-DOSE	2020-06-26 16:45 (1)		128
		Day 8	2020-07-06 08:35 (11)		126
		Day 15	2020-07-07 07:09 (12)		133
		Day 29/ PRE-DOSE	2020-08-03 11:22 (39)		134
		Day 29/ POST-DOSE	2020-08-03 12:52 (1)		143 G1 Systolic Hypertension
		Day 36	2020-08-11 07:10 (9)		137
		Day 43	2020-08-18 07:14 (16)		134
		Day 57	2020-09-01 07:16 (30)		135
	Temperature (C)	Screening	2020-06-11 11:45 (-15)		37.1
		Day 1/ PRE-DOSE	2020-06-26 15:05 (1)	Yes	36.9
		Day 1/ POST-DOSE	2020-06-26 16:45 (1)		37.1
		Day 8	2020-07-06 08:35 (11)		37
		Day 15	2020-07-07 07:09 (12)		37.1
		Day 29/ PRE-DOSE	2020-08-03 11:22 (39)		36.9

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2041114	Temperature (C)	Day 29/ POST-DOSE	2020-08-03 12:52 (1)		36.9
		Day 36	2020-08-11 07:10 (9)		36.8
		Day 43	2020-08-18 07:14 (16)		37.6
		Day 57	2020-09-01 07:16 (30)		37.1
	Weight (kg)	Screening	2020-06-11 11:45 (-15)		94.7
		Day 1/ PRE-DOSE	2020-06-26 15:05 (1)	Yes	98.1
		Day 1/ POST-DOSE	2020-06-26 16:45 (1)		98.1
		Day 29/ PRE-DOSE	2020-08-03 11:22 (39)		96.1
		Day 29/ POST-DOSE	2020-08-03 12:52 (1)		96.1
		Day 57	2020-09-01 07:16 (30)		96
US2041151	Body Mass Index (kg/m2)	Screening	2020-06-19 13:23 (-17)	Yes	28.2
		Day 57	2020-09-01 14:53 (29)		27.9
	Diastolic Blood Pressure (mmHg)	Screening	2020-06-19 13:23 (-17)		72
		Day 1/ PRE-DOSE	2020-07-06 14:04 (1)	Yes	75
		Day 1/ POST-DOSE	2020-07-06 15:56 (1)		70

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2

Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)

Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2041151	Diastolic Blood Pressure (mmHg)	Day 8	2020-07-13 13:02 (8)		66
		Day 15	2020-07-21 13:57 (16)		69
		Day 29/ PRE-DOSE	2020-08-04 10:27 (30)		79
		Day 29/ POST-DOSE	2020-08-04 12:23 (1)		72
		Day 36	2020-08-11 14:10 (8)		78
		Day 43	2020-08-18 14:25 (15)		69
		Day 57	2020-09-01 14:53 (29)		70
	Height (cm)	Screening	2020-06-19 13:23 (-17)		177.8
		Day 1/ PRE-DOSE	2020-07-06 14:04 (1)	Yes	177.8
		Day 1/ POST-DOSE	2020-07-06 15:56 (1)		177.8
		Day 29/ PRE-DOSE	2020-08-04 10:27 (30)		177.8
		Day 29/ POST-DOSE	2020-08-04 12:23 (1)		177.8
		Day 57	2020-09-01 14:53 (29)		177.8
	Pulse Rate (beats/min)	Screening	2020-06-19 13:23 (-17)		58
		Day 1/ PRE-DOSE	2020-07-06 14:04 (1)	Yes	69

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2

Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)

Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2041151	Pulse Rate (beats/min)	Day 1/ POST-DOSE	2020-07-06 15:56 (1)		53 G1 Bradycardia
		Day 8	2020-07-13 13:02 (8)		62
		Day 15	2020-07-21 13:57 (16)		58
		Day 29/ PRE-DOSE	2020-08-04 10:27 (30)		52 G1 Bradycardia
		Day 29/ POST-DOSE	2020-08-04 12:23 (1)		49 G2 Bradycardia
		Day 36	2020-08-11 14:10 (8)		67
		Day 43	2020-08-18 14:25 (15)		61
		Day 57	2020-09-01 14:53 (29)		57
	Respiratory Rate (breaths/min)	Screening	2020-06-19 13:23 (-17)		12
		Day 1/ PRE-DOSE	2020-07-06 14:04 (1)	Yes	12
		Day 1/ POST-DOSE	2020-07-06 15:56 (1)		12
		Day 8	2020-07-13 13:02 (8)		14
		Day 15	2020-07-21 13:57 (16)		12
		Day 29/ PRE-DOSE	2020-08-04 10:27 (30)		14
		Day 29/ POST-DOSE	2020-08-04 12:23 (1)		14
		Day 36	2020-08-11 14:10 (8)		12

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2

Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)

Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2041151	Respiratory Rate (breaths/min)	Day 43	2020-08-18 14:25 (15)		16
		Day 57	2020-09-01 14:53 (29)		12
	Systolic Blood Pressure (mmHg)	Screening	2020-06-19 13:23 (-17)		146 G1 Systolic Hypertension
		Day 1/ PRE-DOSE	2020-07-06 14:04 (1)	Yes	132
		Day 1/ POST-DOSE	2020-07-06 15:56 (1)		122
		Day 8	2020-07-13 13:02 (8)		127
		Day 15	2020-07-21 13:57 (16)		127
		Day 29/ PRE-DOSE	2020-08-04 10:27 (30)		138
		Day 29/ POST-DOSE	2020-08-04 12:23 (1)		139
		Day 36	2020-08-11 14:10 (8)		127
		Day 43	2020-08-18 14:25 (15)		127
		Day 57	2020-09-01 14:53 (29)		137
	Temperature (C)	Screening	2020-06-19 13:23 (-17)		36.7
		Day 1/ PRE-DOSE	2020-07-06 14:04 (1)	Yes	36.9
		Day 1/ POST-DOSE	2020-07-06 15:56 (1)		36.6
		Day 8	2020-07-13 13:02 (8)		36.8

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2041151	Temperature (C)	Day 15	2020-07-21 13:57 (16)		36.8
		Day 29/ PRE-DOSE	2020-08-04 10:27 (30)		36.9
		Day 29/ POST-DOSE	2020-08-04 12:23 (1)		36.9
		Day 36	2020-08-11 14:10 (8)		36.9
		Day 43	2020-08-18 14:25 (15)		36.6
		Day 57	2020-09-01 14:53 (29)		36.8
	Weight (kg)	Screening	2020-06-19 13:23 (-17)		89.1
		Day 1/ PRE-DOSE	2020-07-06 14:04 (1)	Yes	90.1
		Day 1/ POST-DOSE	2020-07-06 15:56 (1)		90.1
		Day 29/ PRE-DOSE	2020-08-04 10:27 (30)		89.3
		Day 29/ POST-DOSE	2020-08-04 12:23 (1)		89.3
		Day 57	2020-09-01 14:53 (29)		88.3
US2051063	Body Mass Index (kg/m2)	Screening	2020-06-16 15:05 (-14)	Yes	28
		Day 57	2020-08-25 09:50 (29)		28.1
	Diastolic Blood Pressure (mmHg)	Screening	2020-06-16 15:05 (-14)		86

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2

Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)

Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2051063	Diastolic Blood Pressure (mmHg)	Day 1/ PRE-DOSE	2020-06-30 13:25 (1)	Yes	83
		Day 1/ POST-DOSE	2020-06-30 15:38 (1)		88
		Day 8	2020-07-07 13:06 (8)		77
		Day 15	2020-07-14 10:10 (15)		75
		Day 29/ PRE-DOSE	2020-07-28 09:35 (29)		74
		Day 29/ POST-DOSE	2020-07-28 11:41 (1)		82
		Day 36	2020-08-04 13:05 (8)		77
		Day 43	2020-08-11 09:38 (15)		79
		Day 57	2020-08-25 09:50 (29)		79
	Height (cm)	Screening	2020-06-16 15:05 (-14)		172.2
		Day 1/ PRE-DOSE	2020-06-30 13:25 (1)	Yes	172.2
		Day 1/ POST-DOSE	2020-06-30 15:38 (1)		172.2
		Day 29/ PRE-DOSE	2020-07-28 09:35 (29)		172.2
		Day 29/ POST-DOSE	2020-07-28 11:41 (1)		172.2
		Day 57	2020-08-25 09:50 (29)		172.2

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2

Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)

Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2051063	Pulse Rate (beats/min)	Screening	2020-06-16 15:05 (-14)		51 G1 Bradycardia
		Day 1/ PRE-DOSE	2020-06-30 13:25 (1)	Yes	51 G1 Bradycardia
		Day 1/ POST-DOSE	2020-06-30 15:38 (1)		50 G1 Bradycardia
		Day 8	2020-07-07 13:06 (8)		53 G1 Bradycardia
		Day 15	2020-07-14 10:10 (15)		48 G2 Bradycardia
		Day 29/ PRE-DOSE	2020-07-28 09:35 (29)		55
		Day 29/ POST-DOSE	2020-07-28 11:41 (1)		55
		Day 36	2020-08-04 13:05 (8)		50 G1 Bradycardia
		Day 43	2020-08-11 09:38 (15)		50 G1 Bradycardia
		Day 57	2020-08-25 09:50 (29)		57
	Respiratory Rate (breaths/min)	Screening	2020-06-16 15:05 (-14)		16
		Day 1/ PRE-DOSE	2020-06-30 13:25 (1)	Yes	14
		Day 1/ POST-DOSE	2020-06-30 15:38 (1)		16
		Day 8	2020-07-07 13:06 (8)		14
		Day 15	2020-07-14 10:10 (15)		12
		Day 29/ PRE-DOSE	2020-07-28 09:35 (29)		16

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2

Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)

Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2051063	Respiratory Rate (breaths/min)	Day 29/ POST-DOSE	2020-07-28 11:41 (1)		15
		Day 36	2020-08-04 13:05 (8)		15
		Day 43	2020-08-11 09:38 (15)		15
		Day 57	2020-08-25 09:50 (29)		15
	Systolic Blood Pressure (mmHg)	Screening	2020-06-16 15:05 (-14)		142 G1 Systolic Hypertension
		Day 1/ PRE-DOSE	2020-06-30 13:25 (1)	Yes	143 G1 Systolic Hypertension
		Day 1/ POST-DOSE	2020-06-30 15:38 (1)		143 G1 Systolic Hypertension
		Day 8	2020-07-07 13:06 (8)		126
		Day 15	2020-07-14 10:10 (15)		141 G1 Systolic Hypertension
		Day 29/ PRE-DOSE	2020-07-28 09:35 (29)		138
		Day 29/ POST-DOSE	2020-07-28 11:41 (1)		150 G1 Systolic Hypertension
		Day 36	2020-08-04 13:05 (8)		140
		Day 43	2020-08-11 09:38 (15)		150 G1 Systolic Hypertension
		Day 57	2020-08-25 09:50 (29)		132
	Temperature (C)	Screening	2020-06-16 15:05 (-14)		36.9

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2

Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)

Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2051063	Temperature (C)	Day 1/ PRE-DOSE	2020-06-30 13:25 (1)	Yes	36.6
		Day 1/ POST-DOSE	2020-06-30 15:38 (1)		36.7
		Day 8	2020-07-07 13:06 (8)		36.7
		Day 15	2020-07-14 10:10 (15)		36.1
		Day 29/ PRE-DOSE	2020-07-28 09:35 (29)		36.8
		Day 29/ POST-DOSE	2020-07-28 11:41 (1)		36.8
		Day 36	2020-08-04 13:05 (8)		36.6
		Day 43	2020-08-11 09:38 (15)		36.3
		Day 57	2020-08-25 09:50 (29)		36.2
	Weight (kg)	Screening	2020-06-16 15:05 (-14)		83
		Day 1/ PRE-DOSE	2020-06-30 13:25 (1)	Yes	82.9
		Day 1/ POST-DOSE	2020-06-30 15:38 (1)		82.9
		Day 29/ PRE-DOSE	2020-07-28 09:35 (29)		82.9
		Day 29/ POST-DOSE	2020-07-28 11:41 (1)		82.9
		Day 57	2020-08-25 09:50 (29)		83.4

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2

Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)

Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2051072	Body Mass Index (kg/m2)	Screening	2020-06-19 08:45 (-17)	Yes	25.3
		Day 57	2020-09-21 08:25 (50)		25.4
	Diastolic Blood Pressure (mmHg)	Screening	2020-06-19 08:45 (-17)		73
		Day 1/ PRE-DOSE	2020-07-06 15:21 (1)	Yes	73
		Day 1/ POST-DOSE	2020-07-06 17:24 (1)		85
		Day 8	2020-07-13 08:17 (8)		89
		Day 15	2020-07-20 08:15 (15)		78
		Day 29/ PRE-DOSE	2020-08-03 08:34 (29)		72
		Day 29/ POST-DOSE	2020-08-03 10:49 (1)		75
		Day 36	2020-08-10 08:12 (8)		76
		Day 43	2020-08-17 10:07 (15)		76
		Day 57	2020-09-21 08:25 (50)		87
	Height (cm)	Screening	2020-06-19 08:45 (-17)		175.2
		Day 1/ PRE-DOSE	2020-07-06 15:21 (1)	Yes	175.2
		Day 1/ POST-DOSE	2020-07-06 17:24 (1)		175.2
		Day 29/ PRE-DOSE	2020-08-03 08:34 (29)		175.2

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2051072	Height (cm)	Day 29/ POST-DOSE	2020-08-03 10:49 (1)		175.2
		Day 57	2020-09-21 08:25 (50)		175.2
	Pulse Rate (beats/min)	Screening	2020-06-19 08:45 (-17)		54 G1 Bradycardia
		Day 1/ PRE-DOSE	2020-07-06 15:21 (1)	Yes	58
		Day 1/ POST-DOSE	2020-07-06 17:24 (1)		42 G3 Bradycardia
		Day 8	2020-07-13 08:17 (8)		59
		Day 15	2020-07-20 08:15 (15)		55
		Day 29/ PRE-DOSE	2020-08-03 08:34 (29)		57
		Day 29/ POST-DOSE	2020-08-03 10:49 (1)		50 G1 Bradycardia
		Day 36	2020-08-10 08:12 (8)		54 G1 Bradycardia
		Day 43	2020-08-17 10:07 (15)		45 G2 Bradycardia
		Day 57	2020-09-21 08:25 (50)		67
	Respiratory Rate (breaths/min)	Screening	2020-06-19 08:45 (-17)		12
		Day 1/ PRE-DOSE	2020-07-06 15:21 (1)	Yes	14
		Day 1/ POST-DOSE	2020-07-06 17:24 (1)		14
		Day 8	2020-07-13 08:17 (8)		14

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2

Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)

Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2051072	Respiratory Rate (breaths/min)	Day 15	2020-07-20 08:15 (15)		14
		Day 29/ PRE-DOSE	2020-08-03 08:34 (29)		14
		Day 29/ POST-DOSE	2020-08-03 10:49 (1)		16
		Day 36	2020-08-10 08:12 (8)		16
		Day 43	2020-08-17 10:07 (15)		15
		Day 57	2020-09-21 08:25 (50)		15
	Systolic Blood Pressure (mmHg)	Screening	2020-06-19 08:45 (-17)		135
		Day 1/ PRE-DOSE	2020-07-06 15:21 (1)	Yes	137
		Day 1/ POST-DOSE	2020-07-06 17:24 (1)		148 G1 Systolic Hypertension
		Day 8	2020-07-13 08:17 (8)		120
		Day 15	2020-07-20 08:15 (15)		124
		Day 29/ PRE-DOSE	2020-08-03 08:34 (29)		123
		Day 29/ POST-DOSE	2020-08-03 10:49 (1)		139
		Day 36	2020-08-10 08:12 (8)		124
		Day 43	2020-08-17 10:07 (15)		144 G1 Systolic Hypertension

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2

Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)

Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2051072	Systolic Blood Pressure (mmHg)	Day 57	2020-09-21 08:25 (50)		146 G1 Systolic Hypertension
	Temperature (C)	Screening	2020-06-19 08:45 (-17)		36.9
		Day 1/ PRE-DOSE	2020-07-06 15:21 (1)	Yes	36.7
		Day 1/ POST-DOSE	2020-07-06 17:24 (1)		36.3
		Day 8	2020-07-13 08:17 (8)		37.1
		Day 15	2020-07-20 08:15 (15)		36.1
		Day 29/ PRE-DOSE	2020-08-03 08:34 (29)		36.7
		Day 29/ POST-DOSE	2020-08-03 10:49 (1)		36.2
		Day 36	2020-08-10 08:12 (8)		35.9
		Day 43	2020-08-17 10:07 (15)		36.8
		Day 57	2020-09-21 08:25 (50)		36.6
	Weight (kg)	Screening	2020-06-19 08:45 (-17)		77.8
		Day 1/ PRE-DOSE	2020-07-06 15:21 (1)	Yes	79.1
		Day 1/ POST-DOSE	2020-07-06 17:24 (1)		79.1
		Day 29/ PRE-DOSE	2020-08-03 08:34 (29)		80.2

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2

Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)

Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2051072	Weight (kg)	Day 29/ POST-DOSE	2020-08-03 10:49 (1)		80.2
		Day 57	2020-09-21 08:25 (50)		77.9
US2051086	Body Mass Index (kg/m2)	Screening	2020-06-24 15:20 (-12)	Yes	23.7
		Day 57	2020-09-03 10:57 (31)		23.7
	Diastolic Blood Pressure (mmHg)	Screening	2020-06-24 15:20 (-12)		65
		Day 1/ PRE-DOSE	2020-07-06 14:08 (1)	Yes	58
		Day 1/ POST-DOSE	2020-07-06 16:06 (1)		85
		Day 8	2020-07-13 11:06 (8)		77
		Day 15	2020-07-28 11:05 (23)		81
		Day 29/ PRE-DOSE	2020-08-04 11:09 (30)		83
		Day 29/ POST-DOSE	2020-08-04 13:16 (1)		89
		Day 36	2020-08-11 10:58 (8)		89
		Day 43	2020-08-18 11:06 (15)		70
		Day 57	2020-09-03 10:57 (31)		84
	Height (cm)	Screening	2020-06-24 15:20 (-12)		193
		Day 1/ PRE-DOSE	2020-07-06 14:08 (1)	Yes	193

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2051086	Height (cm)	Day 1/ POST-DOSE	2020-07-06 16:06 (1)		193
		Day 29/ PRE-DOSE	2020-08-04 11:09 (30)		193.2
		Day 29/ POST-DOSE	2020-08-04 13:16 (1)		193.2
		Day 57	2020-09-03 10:57 (31)		193.2
	Pulse Rate (beats/min)	Screening	2020-06-24 15:20 (-12)		69
		Day 1/ PRE-DOSE	2020-07-06 14:08 (1)	Yes	61
		Day 1/ POST-DOSE	2020-07-06 16:06 (1)		68
		Day 8	2020-07-13 11:06 (8)		74
		Day 15	2020-07-28 11:05 (23)		66
		Day 29/ PRE-DOSE	2020-08-04 11:09 (30)		56
		Day 29/ POST-DOSE	2020-08-04 13:16 (1)		60
		Day 36	2020-08-11 10:58 (8)		66
		Day 43	2020-08-18 11:06 (15)		73
		Day 57	2020-09-03 10:57 (31)		66
	Respiratory Rate (breaths/min)	Screening	2020-06-24 15:20 (-12)		16

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2051086	Respiratory Rate (breaths/min)	Day 1/ PRE-DOSE	2020-07-06 14:08 (1)	Yes	14
		Day 1/ POST-DOSE	2020-07-06 16:06 (1)		15
		Day 8	2020-07-13 11:06 (8)		13
		Day 15	2020-07-28 11:05 (23)		15
		Day 29/ PRE-DOSE	2020-08-04 11:09 (30)		12
		Day 29/ POST-DOSE	2020-08-04 13:16 (1)		14
		Day 36	2020-08-11 10:58 (8)		14
		Day 43	2020-08-18 11:06 (15)		16
		Day 57	2020-09-03 10:57 (31)		15
	Systolic Blood Pressure (mmHg)	Screening	2020-06-24 15:20 (-12)		114
		Day 1/ PRE-DOSE	2020-07-06 14:08 (1)	Yes	117
		Day 1/ POST-DOSE	2020-07-06 16:06 (1)		127
		Day 8	2020-07-13 11:06 (8)		110
		Day 15	2020-07-28 11:05 (23)		129
		Day 29/ PRE-DOSE	2020-08-04 11:09 (30)		129

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2051086	Systolic Blood Pressure (mmHg)	Day 29/ POST-DOSE	2020-08-04 13:16 (1)		153 G2 Systolic Hypertension
		Day 36	2020-08-11 10:58 (8)		144 G1 Systolic Hypertension
		Day 43	2020-08-18 11:06 (15)		109
		Day 57	2020-09-03 10:57 (31)		137
	Temperature (C)	Screening	2020-06-24 15:20 (-12)		37
		Day 1/ PRE-DOSE	2020-07-06 14:08 (1)	Yes	36.6
		Day 1/ POST-DOSE	2020-07-06 16:06 (1)		36.4
		Day 8	2020-07-13 11:06 (8)		37.1
		Day 15	2020-07-28 11:05 (23)		36.8
		Day 29/ PRE-DOSE	2020-08-04 11:09 (30)		36.8
		Day 29/ POST-DOSE	2020-08-04 13:16 (1)		36.1
		Day 36	2020-08-11 10:58 (8)		36.3
		Day 43	2020-08-18 11:06 (15)		36.5
		Day 57	2020-09-03 10:57 (31)		36.5
	Weight (kg)	Screening	2020-06-24 15:20 (-12)		88.4
		Day 1/ PRE-DOSE	2020-07-06 14:08 (1)	Yes	88.1

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2051086	Weight (kg)	Day 1/ POST-DOSE	2020-07-06 16:06 (1)		88.1
		Day 29/ PRE-DOSE	2020-08-04 11:09 (30)		88.5
		Day 29/ POST-DOSE	2020-08-04 13:16 (1)		88.5
		Day 57	2020-09-03 10:57 (31)		88.6
US2051112	Body Mass Index (kg/m2)	Screening	2020-07-01 13:15 (-5)	Yes	29.4
		Day 57	2020-08-31 13:28 (29)		30.2
	Diastolic Blood Pressure (mmHg)	Screening	2020-07-01 13:15 (-5)		82
		Day 1/ PRE-DOSE	2020-07-06 10:23 (1)	Yes	69
		Day 1/ POST-DOSE	2020-07-06 12:43 (1)		70
		Day 8	2020-07-13 10:20 (8)		88
		Day 15	2020-07-20 10:26 (15)		92 G1 Diastolic Hypertension
		Day 29/ PRE-DOSE	2020-08-03 11:47 (29)		90
		Day 29/ POST-DOSE	2020-08-03 13:40 (1)		98 G2 Diastolic Hypertension

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2051112	Diastolic Blood Pressure (mmHg)	Day 36	2020-08-10 10:36 (8)		93 G1 Diastolic Hypertension
		Day 43	2020-08-17 10:50 (15)		97 G2 Diastolic Hypertension
		Day 57	2020-08-31 13:28 (29)		85
	Height (cm)	Screening	2020-07-01 13:15 (-5)		160.7
		Day 1/ PRE-DOSE	2020-07-06 10:23 (1)	Yes	160.7
		Day 1/ POST-DOSE	2020-07-06 12:43 (1)		160.7
		Day 29/ PRE-DOSE	2020-08-03 11:47 (29)		160.7
		Day 29/ POST-DOSE	2020-08-03 13:40 (1)		160.7
		Day 57	2020-08-31 13:28 (29)		159
	Pulse Rate (beats/min)	Screening	2020-07-01 13:15 (-5)		72
		Day 1/ PRE-DOSE	2020-07-06 10:23 (1)	Yes	65
		Day 1/ POST-DOSE	2020-07-06 12:43 (1)		55
		Day 8	2020-07-13 10:20 (8)		70
		Day 15	2020-07-20 10:26 (15)		69

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2

Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)

Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2051112	Pulse Rate (beats/min)	Day 29/ PRE-DOSE	2020-08-03 11:47 (29)		74
		Day 29/ POST-DOSE	2020-08-03 13:40 (1)		70
		Day 36	2020-08-10 10:36 (8)		76
		Day 43	2020-08-17 10:50 (15)		76
		Day 57	2020-08-31 13:28 (29)		62
	Respiratory Rate (breaths/min)	Screening	2020-07-01 13:15 (-5)		14
		Day 1/ PRE-DOSE	2020-07-06 10:23 (1)	Yes	15
		Day 1/ POST-DOSE	2020-07-06 12:43 (1)		15
		Day 8	2020-07-13 10:20 (8)		12
		Day 15	2020-07-20 10:26 (15)		12
		Day 29/ PRE-DOSE	2020-08-03 11:47 (29)		15
		Day 29/ POST-DOSE	2020-08-03 13:40 (1)		15
		Day 36	2020-08-10 10:36 (8)		14
		Day 43	2020-08-17 10:50 (15)		14
		Day 57	2020-08-31 13:28 (29)		14
	Systolic Blood Pressure (mmHg)	Screening	2020-07-01 13:15 (-5)		152 G2 Systolic Hypertension

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2051112	Systolic Blood Pressure (mmHg)	Day 1/ PRE-DOSE	2020-07-06 10:23 (1)	Yes	116
		Day 1/ POST-DOSE	2020-07-06 12:43 (1)		135
		Day 8	2020-07-13 10:20 (8)		128
		Day 15	2020-07-20 10:26 (15)		135
		Day 29/ PRE-DOSE	2020-08-03 11:47 (29)		148 G1 Systolic Hypertension
		Day 29/ POST-DOSE	2020-08-03 13:40 (1)		135
		Day 36	2020-08-10 10:36 (8)		153 G2 Systolic Hypertension
		Day 43	2020-08-17 10:50 (15)		130
		Day 57	2020-08-31 13:28 (29)		131
	Temperature (C)	Screening	2020-07-01 13:15 (-5)		36.8
		Day 1/ PRE-DOSE	2020-07-06 10:23 (1)	Yes	36.7
		Day 1/ POST-DOSE	2020-07-06 12:43 (1)		36.8
		Day 8	2020-07-13 10:20 (8)		36.6
		Day 15	2020-07-20 10:26 (15)		36.9
		Day 29/ PRE-DOSE	2020-08-03 11:47 (29)		36.6

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2051112	Temperature (C)	Day 29/ POST-DOSE	2020-08-03 13:40 (1)		36.5
		Day 36	2020-08-10 10:36 (8)		37.1
		Day 43	2020-08-17 10:50 (15)		36.5
		Day 57	2020-08-31 13:28 (29)		36.6
	Weight (kg)	Screening	2020-07-01 13:15 (-5)		75.9
		Day 1/ PRE-DOSE	2020-07-06 10:23 (1)	Yes	75.2
		Day 1/ POST-DOSE	2020-07-06 12:43 (1)		75.2
		Day 29/ PRE-DOSE	2020-08-03 11:47 (29)		75.3
		Day 29/ POST-DOSE	2020-08-03 13:40 (1)		75.3
		Day 57	2020-08-31 13:28 (29)		76.3
US2061035	Body Mass Index (kg/m2)	Screening	2020-06-09 09:51 (-17)	Yes	25.7
		Day 57	2020-08-18 09:09 (30)		25.7
	Diastolic Blood Pressure (mmHg)	Screening	2020-06-09 09:51 (-17)		60
		Day 1/ PRE-DOSE	2020-06-26 11:15 (1)	Yes	66
		Day 1/ POST-DOSE	2020-06-26 13:41 (1)		71

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2

Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)

Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2061035	Diastolic Blood Pressure (mmHg)	Day 8	2020-07-06 11:02 (11)		72
		Day 15	2020-07-13 09:05 (18)		54
		Day 29/ PRE-DOSE	2020-07-20 09:06 (25)		50
		Day 29/ POST-DOSE	2020-07-20 11:19 (1)		53
		Day 36	2020-07-27 09:05 (8)		57
		Day 43	2020-08-03 09:31 (15)		53
		Day 57	2020-08-18 09:09 (30)		62
	Height (cm)	Screening	2020-06-09 09:51 (-17)		183
		Day 1/ PRE-DOSE	2020-06-26 11:15 (1)	Yes	183
		Day 1/ POST-DOSE	2020-06-26 13:41 (1)		183
		Day 29/ PRE-DOSE	2020-07-20 09:06 (25)		183
		Day 29/ POST-DOSE	2020-07-20 11:19 (1)		183
		Day 57	2020-08-18 09:09 (30)		183
	Pulse Rate (beats/min)	Screening	2020-06-09 09:51 (-17)		55
		Day 1/ PRE-DOSE	2020-06-26 11:15 (1)	Yes	58

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2061035	Pulse Rate (beats/min)	Day 1/ POST-DOSE	2020-06-26 13:41 (1)		46 G2 Bradycardia
		Day 8	2020-07-06 11:02 (11)		52 G1 Bradycardia
		Day 15	2020-07-13 09:05 (18)		62
		Day 29/ PRE-DOSE	2020-07-20 09:06 (25)		63
		Day 29/ POST-DOSE	2020-07-20 11:19 (1)		49 G2 Bradycardia
		Day 36	2020-07-27 09:05 (8)		65
		Day 43	2020-08-03 09:31 (15)		58
		Day 57	2020-08-18 09:09 (30)		60
	Respiratory Rate (breaths/min)	Screening	2020-06-09 09:51 (-17)		16
		Day 1/ PRE-DOSE	2020-06-26 11:15 (1)	Yes	16
		Day 1/ POST-DOSE	2020-06-26 13:41 (1)		16
		Day 8	2020-07-06 11:02 (11)		16
		Day 15	2020-07-13 09:05 (18)		16
		Day 29/ PRE-DOSE	2020-07-20 09:06 (25)		16
		Day 29/ POST-DOSE	2020-07-20 11:19 (1)		16
		Day 36	2020-07-27 09:05 (8)		14

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2

Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)

Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2061035	Respiratory Rate (breaths/min)	Day 43	2020-08-03 09:31 (15)		16
		Day 57	2020-08-18 09:09 (30)		16
	Systolic Blood Pressure (mmHg)	Screening	2020-06-09 09:51 (-17)		116
		Day 1/ PRE-DOSE	2020-06-26 11:15 (1)	Yes	130
		Day 1/ POST-DOSE	2020-06-26 13:41 (1)		124
		Day 8	2020-07-06 11:02 (11)		133
		Day 15	2020-07-13 09:05 (18)		107
		Day 29/ PRE-DOSE	2020-07-20 09:06 (25)		96
		Day 29/ POST-DOSE	2020-07-20 11:19 (1)		109
		Day 36	2020-07-27 09:05 (8)		106
		Day 43	2020-08-03 09:31 (15)		116
		Day 57	2020-08-18 09:09 (30)		116
	Temperature (C)	Screening	2020-06-09 09:51 (-17)		36.1
		Day 1/ PRE-DOSE	2020-06-26 11:15 (1)	Yes	36.6
		Day 1/ POST-DOSE	2020-06-26 13:41 (1)		36.7
		Day 8	2020-07-06 11:02 (11)		36.4
		Day 15	2020-07-13 09:05 (18)		36.8

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2

Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)

Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2061035	Temperature (C)	Day 29/ PRE-DOSE	2020-07-20 09:06 (25)		36.9
		Day 29/ POST-DOSE	2020-07-20 11:19 (1)		36.3
		Day 36	2020-07-27 09:05 (8)		37.1
		Day 43	2020-08-03 09:31 (15)		36.5
		Day 57	2020-08-18 09:09 (30)		36.3
	Weight (kg)	Screening	2020-06-09 09:51 (-17)		86
		Day 1/ PRE-DOSE	2020-06-26 11:15 (1)	Yes	87
		Day 1/ POST-DOSE	2020-06-26 13:41 (1)		87
		Day 29/ PRE-DOSE	2020-07-20 09:06 (25)		86.1
		Day 29/ POST-DOSE	2020-07-20 11:19 (1)		86.1
		Day 57	2020-08-18 09:09 (30)		86.2
US2071088	Body Mass Index (kg/m2)	Screening	2020-06-18 13:11 (-8)	Yes	27.4
		Day 57	2020-08-24 10:43 (29)		27.8
	Diastolic Blood Pressure (mmHg)	Screening	2020-06-18 13:11 (-8)		78
		Day 1/ PRE-DOSE	2020-06-26 13:10 (1)	Yes	70

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2

Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)

Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2071088	Diastolic Blood Pressure (mmHg)	Day 1/ POST-DOSE	2020-06-26 15:11 (1)		76
		Day 8	2020-07-06 13:14 (11)		64
		Day 15	2020-07-08 13:00 (13)		76
		Day 29/ PRE-DOSE	2020-07-27 11:14 (32)		68
		Day 29/ POST-DOSE	2020-07-27 12:58 (1)		70
		Day 36	2020-08-05 11:23 (10)		70
		Day 43	2020-08-12 11:27 (17)		70
		Day 57	2020-08-24 10:43 (29)		72
	Height (cm)	Screening	2020-06-18 13:11 (-8)		179
		Day 1/ PRE-DOSE	2020-06-26 13:10 (1)	Yes	179
		Day 1/ POST-DOSE	2020-06-26 15:11 (1)		179
		Day 29/ PRE-DOSE	2020-07-27 11:14 (32)		179
		Day 29/ POST-DOSE	2020-07-27 12:58 (1)		179
		Day 57	2020-08-24 10:43 (29)		179
	Pulse Rate (beats/min)	Screening	2020-06-18 13:11 (-8)		82

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2071088	Pulse Rate (beats/min)	Day 1/ PRE-DOSE	2020-06-26 13:10 (1)	Yes	68
		Day 1/ POST-DOSE	2020-06-26 15:11 (1)		68
		Day 8	2020-07-06 13:14 (11)		88
		Day 15	2020-07-08 13:00 (13)		100
		Day 29/ PRE-DOSE	2020-07-27 11:14 (32)		84
		Day 29/ POST-DOSE	2020-07-27 12:58 (1)		86
		Day 36	2020-08-05 11:23 (10)		88
		Day 43	2020-08-12 11:27 (17)		94
		Day 57	2020-08-24 10:43 (29)		89
	Respiratory Rate (breaths/min)	Screening	2020-06-18 13:11 (-8)		16
		Day 1/ PRE-DOSE	2020-06-26 13:10 (1)	Yes	18 G1 Respiratory Rate Increased
		Day 1/ POST-DOSE	2020-06-26 15:11 (1)		12
		Day 8	2020-07-06 13:14 (11)		16
		Day 15	2020-07-08 13:00 (13)		14
		Day 29/ PRE-DOSE	2020-07-27 11:14 (32)		14

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2071088	Respiratory Rate (breaths/min)	Day 29/ POST-DOSE	2020-07-27 12:58 (1)		14
		Day 36	2020-08-05 11:23 (10)		14
		Day 43	2020-08-12 11:27 (17)		12
		Day 57	2020-08-24 10:43 (29)		22 G2 Respiratory Rate Increased
	Systolic Blood Pressure (mmHg)	Screening	2020-06-18 13:11 (-8)		128
		Day 1/ PRE-DOSE	2020-06-26 13:10 (1)	Yes	114
		Day 1/ POST-DOSE	2020-06-26 15:11 (1)		120
		Day 8	2020-07-06 13:14 (11)		114
		Day 15	2020-07-08 13:00 (13)		114
		Day 29/ PRE-DOSE	2020-07-27 11:14 (32)		110
		Day 29/ POST-DOSE	2020-07-27 12:58 (1)		126
		Day 36	2020-08-05 11:23 (10)		102
		Day 43	2020-08-12 11:27 (17)		121
		Day 57	2020-08-24 10:43 (29)		116
	Temperature (C)	Screening	2020-06-18 13:11 (-8)		36.7
		Day 1/ PRE-DOSE	2020-06-26 13:10 (1)	Yes	36.9

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2

Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)

Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2071088	Temperature (C)	Day 1/ POST-DOSE	2020-06-26 15:11 (1)		36.8
		Day 8	2020-07-06 13:14 (11)		36.8
		Day 15	2020-07-08 13:00 (13)		37.2
		Day 29/ PRE-DOSE	2020-07-27 11:14 (32)		36.4
		Day 29/ POST-DOSE	2020-07-27 12:58 (1)		37.2
		Day 36	2020-08-05 11:23 (10)		36.8
		Day 43	2020-08-12 11:27 (17)		36.7
		Day 57	2020-08-24 10:43 (29)		36.6
	Weight (kg)	Screening	2020-06-18 13:11 (-8)		87.9
		Day 1/ PRE-DOSE	2020-06-26 13:10 (1)	Yes	88.8
		Day 1/ POST-DOSE	2020-06-26 15:11 (1)		88.8
		Day 29/ PRE-DOSE	2020-07-27 11:14 (32)		88.3
		Day 29/ POST-DOSE	2020-07-27 12:58 (1)		88.3
		Day 57	2020-08-24 10:43 (29)		89.1
US2071102	Body Mass Index (kg/m2)	Screening	2020-06-25 15:54 (-4)	Yes	24

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2

Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)

Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2071102	Body Mass Index (kg/m2)	Day 57	2020-08-24 13:47 (28)		25
	Diastolic Blood Pressure (mmHg)	Screening	2020-06-25 15:54 (-4)		76
		Day 1/ PRE-DOSE	2020-06-29 12:12 (1)	Yes	72
		Day 1/ POST-DOSE	2020-06-29 14:05 (1)		80
		Day 8	2020-07-09 15:10 (11)		80
		Day 15	2020-07-14 10:05 (16)		78
		Day 29/ PRE-DOSE	2020-07-28 13:26 (30)		80
		Day 29/ POST-DOSE	2020-07-28 15:16 (1)		78
		Day 36	2020-08-04 12:44 (8)		76
		Day 43	2020-08-13 15:50 (17)		80
		Day 57	2020-08-24 13:47 (28)		81
	Height (cm)	Screening	2020-06-25 15:54 (-4)		162.5
		Day 1/ PRE-DOSE	2020-06-29 12:12 (1)	Yes	162.5
		Day 1/ POST-DOSE	2020-06-29 14:05 (1)		162.5
		Day 29/ PRE-DOSE	2020-07-28 13:26 (30)		162.5

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2071102	Height (cm)	Day 29/ POST-DOSE	2020-07-28 15:16 (1)		162.5
		Day 57	2020-08-24 13:47 (28)		162.5
	Pulse Rate (beats/min)	Screening	2020-06-25 15:54 (-4)		80
		Day 1/ PRE-DOSE	2020-06-29 12:12 (1)	Yes	76
		Day 1/ POST-DOSE	2020-06-29 14:05 (1)		76
		Day 8	2020-07-09 15:10 (11)		82
		Day 15	2020-07-14 10:05 (16)		88
		Day 29/ PRE-DOSE	2020-07-28 13:26 (30)		80
		Day 29/ POST-DOSE	2020-07-28 15:16 (1)		88
		Day 36	2020-08-04 12:44 (8)		88
		Day 43	2020-08-13 15:50 (17)		76
		Day 57	2020-08-24 13:47 (28)		81
	Respiratory Rate (breaths/min)	Screening	2020-06-25 15:54 (-4)		14
		Day 1/ PRE-DOSE	2020-06-29 12:12 (1)	Yes	14
		Day 1/ POST-DOSE	2020-06-29 14:05 (1)		14
		Day 8	2020-07-09 15:10 (11)		16

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2071102	Respiratory Rate (breaths/min)	Day 15	2020-07-14 10:05 (16)		14
		Day 29/ PRE-DOSE	2020-07-28 13:26 (30)		16
		Day 29/ POST-DOSE	2020-07-28 15:16 (1)		14
		Day 36	2020-08-04 12:44 (8)		14
		Day 43	2020-08-13 15:50 (17)		14
		Day 57	2020-08-24 13:47 (28)		22 G2 Respiratory Rate Increased
	Systolic Blood Pressure (mmHg)	Screening	2020-06-25 15:54 (-4)		110
		Day 1/ PRE-DOSE	2020-06-29 12:12 (1)	Yes	114
		Day 1/ POST-DOSE	2020-06-29 14:05 (1)		120
		Day 8	2020-07-09 15:10 (11)		124
		Day 15	2020-07-14 10:05 (16)		118
		Day 29/ PRE-DOSE	2020-07-28 13:26 (30)		122
		Day 29/ POST-DOSE	2020-07-28 15:16 (1)		118
		Day 36	2020-08-04 12:44 (8)		116
		Day 43	2020-08-13 15:50 (17)		118
		Day 57	2020-08-24 13:47 (28)		132

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2071102	Temperature (C)	Screening	2020-06-25 15:54 (-4)		36.6
		Day 1/ PRE-DOSE	2020-06-29 12:12 (1)	Yes	36.3
		Day 1/ POST-DOSE	2020-06-29 14:05 (1)		36.4
		Day 8	2020-07-09 15:10 (11)		36.6
		Day 15	2020-07-14 10:05 (16)		36.8
		Day 29/ PRE-DOSE	2020-07-28 13:26 (30)		36.5
		Day 29/ POST-DOSE	2020-07-28 15:16 (1)		36.6
		Day 36	2020-08-04 12:44 (8)		36.3
		Day 43	2020-08-13 15:50 (17)		36.7
		Day 57	2020-08-24 13:47 (28)		36.3
	Weight (kg)	Screening	2020-06-25 15:54 (-4)		63.5
		Day 1/ PRE-DOSE	2020-06-29 12:12 (1)	Yes	65.7
		Day 1/ POST-DOSE	2020-06-29 14:05 (1)		65.7
		Day 29/ PRE-DOSE	2020-07-28 13:26 (30)		66.9
		Day 29/ POST-DOSE	2020-07-28 15:16 (1)		66.9

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2071102	Weight (kg)	Day 57	2020-08-24 13:47 (28)		65.9
US2081030	Body Mass Index (kg/m2)	Screening	2020-05-29 10:43 (-4)	Yes	21.3
		Day 15	2020-06-16 07:07 (15)		21.5
		Day 57	2020-08-03 08:10 (29)		21.3
	Diastolic Blood Pressure (mmHg)	Screening	2020-05-29 10:43 (-4)		78
		Day 1/ PRE-DOSE	2020-06-02 11:23 (1)	Yes	72
		Day 1/ POST-DOSE	2020-06-02 13:43 (1)		70
		Day 8	2020-06-09 10:01 (8)		74
		Day 15	2020-06-16 07:07 (15)		70
		Day 29/ PRE-DOSE	2020-07-06 09:10 (35)		68
		Day 29/ POST-DOSE	2020-07-06 10:23 (1)		76
		Day 36	2020-07-13 08:06 (8)		74
		Day 43	2020-07-20 08:00 (15)		83
		Day 57	2020-08-03 08:10 (29)		85
	Height (cm)	Screening	2020-05-29 10:43 (-4)		167.6
		Day 1/ PRE-DOSE	2020-06-02 11:23 (1)	Yes	167.6

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2081030	Height (cm)	Day 1/ POST-DOSE	2020-06-02 13:43 (1)		167.6
		Day 15	2020-06-16 07:07 (15)		167.6
		Day 29/ PRE-DOSE	2020-07-06 09:10 (35)		167.6
		Day 29/ POST-DOSE	2020-07-06 10:23 (1)		167.6
		Day 57	2020-08-03 08:10 (29)		167.6
	Pulse Rate (beats/min)	Screening	2020-05-29 10:43 (-4)		62
		Day 1/ PRE-DOSE	2020-06-02 11:23 (1)	Yes	62
		Day 1/ POST-DOSE	2020-06-02 13:43 (1)		72
		Day 8	2020-06-09 10:01 (8)		60
		Day 15	2020-06-16 07:07 (15)		68
		Day 29/ PRE-DOSE	2020-07-06 09:10 (35)		52 G1 Bradycardia
		Day 29/ POST-DOSE	2020-07-06 10:23 (1)		49 G2 Bradycardia
		Day 36	2020-07-13 08:06 (8)		74
		Day 43	2020-07-20 08:00 (15)		55
		Day 57	2020-08-03 08:10 (29)		65
	Respiratory Rate (breaths/min)	Screening	2020-05-29 10:43 (-4)		14

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2081030	Respiratory Rate (breaths/min)	Day 1/ PRE-DOSE	2020-06-02 11:23 (1)	Yes	18 G1 Respiratory Rate Increased
		Day 1/ POST-DOSE	2020-06-02 13:43 (1)		18 G1 Respiratory Rate Increased
		Day 8	2020-06-09 10:01 (8)		16
		Day 15	2020-06-16 07:07 (15)		17 G1 Respiratory Rate Increased
		Day 29/ PRE-DOSE	2020-07-06 09:10 (35)		16
		Day 29/ POST-DOSE	2020-07-06 10:23 (1)		12
		Day 36	2020-07-13 08:06 (8)		18 G1 Respiratory Rate Increased
		Day 43	2020-07-20 08:00 (15)		18 G1 Respiratory Rate Increased
		Day 57	2020-08-03 08:10 (29)		17 G1 Respiratory Rate Increased
	Systolic Blood Pressure (mmHg)	Screening	2020-05-29 10:43 (-4)		128
		Day 1/ PRE-DOSE	2020-06-02 11:23 (1)	Yes	120
		Day 1/ POST-DOSE	2020-06-02 13:43 (1)		122
		Day 8	2020-06-09 10:01 (8)		116

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2

Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)

Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2081030	Systolic Blood Pressure (mmHg)	Day 15	2020-06-16 07:07 (15)		122
		Day 29/ PRE-DOSE	2020-07-06 09:10 (35)		112
		Day 29/ POST-DOSE	2020-07-06 10:23 (1)		129
		Day 36	2020-07-13 08:06 (8)		124
		Day 43	2020-07-20 08:00 (15)		127
		Day 57	2020-08-03 08:10 (29)		120
	Temperature (C)	Screening	2020-05-29 10:43 (-4)		36.7
		Day 1/ PRE-DOSE	2020-06-02 11:23 (1)	Yes	36.7
		Day 1/ POST-DOSE	2020-06-02 13:43 (1)		36.7
		Day 8	2020-06-09 10:01 (8)		36.8
		Day 15	2020-06-16 07:07 (15)		36.8
		Day 29/ PRE-DOSE	2020-07-06 09:10 (35)		37.2
		Day 29/ POST-DOSE	2020-07-06 10:23 (1)		36.7
		Day 36	2020-07-13 08:06 (8)		36.7
		Day 43	2020-07-20 08:00 (15)		36.6
		Day 57	2020-08-03 08:10 (29)		36.5
	Weight (kg)	Screening	2020-05-29 10:43 (-4)		59.7

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2081030	Weight (kg)	Day 1/ PRE-DOSE	2020-06-02 11:23 (1)	Yes	59.7
		Day 1/ POST-DOSE	2020-06-02 13:43 (1)		59.7
		Day 15	2020-06-16 07:07 (15)		60.5
		Day 29/ PRE-DOSE	2020-07-06 09:10 (35)		59.5
		Day 29/ POST-DOSE	2020-07-06 10:23 (1)		59.5
		Day 57	2020-08-03 08:10 (29)		60
US2081066	Body Mass Index (kg/m2)	Screening	2020-06-11 11:58 (-15)	Yes	27.7
		Day 57	2020-08-25 09:24 (33)		28.2
	Diastolic Blood Pressure (mmHg)	Screening	2020-06-11 11:58 (-15)		93 G1 Diastolic Hypertension
		Day 1/ PRE-DOSE	2020-06-26 11:07 (1)	Yes	88
		Day 1/ POST-DOSE	2020-06-26 13:12 (1)		89
		Day 8	2020-07-03 08:03 (8)		78
		Day 15	2020-07-09 08:36 (14)		101 G3 Diastolic Hypertension

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2081066	Diastolic Blood Pressure (mmHg)	Day 29/ PRE-DOSE	2020-07-24 09:00 (29)		92 G1 Diastolic Hypertension
		Day 29/ POST-DOSE	2020-07-24 10:30 (1)		87
		Day 36	2020-08-03 10:06 (11)		82
		Day 43	2020-08-11 13:05 (19)		81
		Day 57	2020-08-25 09:24 (33)		89
	Height (cm)	Screening	2020-06-11 11:58 (-15)		181.6
		Day 1/ PRE-DOSE	2020-06-26 11:07 (1)	Yes	180.3
		Day 1/ POST-DOSE	2020-06-26 13:12 (1)		180.3
		Day 29/ PRE-DOSE	2020-07-24 09:00 (29)		181.6
		Day 29/ POST-DOSE	2020-07-24 10:30 (1)		181.6
		Day 57	2020-08-25 09:24 (33)		180.3
	Pulse Rate (beats/min)	Screening	2020-06-11 11:58 (-15)		57
		Day 1/ PRE-DOSE	2020-06-26 11:07 (1)	Yes	58
		Day 1/ POST-DOSE	2020-06-26 13:12 (1)		55
		Day 8	2020-07-03 08:03 (8)		56

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2

Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)

Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2081066	Pulse Rate (beats/min)	Day 15	2020-07-09 08:36 (14)		63
		Day 29/ PRE-DOSE	2020-07-24 09:00 (29)		57
		Day 29/ POST-DOSE	2020-07-24 10:30 (1)		53 G1 Bradycardia
		Day 36	2020-08-03 10:06 (11)		59
		Day 43	2020-08-11 13:05 (19)		61
		Day 57	2020-08-25 09:24 (33)		68
	Respiratory Rate (breaths/min)	Screening	2020-06-11 11:58 (-15)		18 G1 Respiratory Rate Increased
		Day 1/ PRE-DOSE	2020-06-26 11:07 (1)	Yes	17 G1 Respiratory Rate Increased
		Day 1/ POST-DOSE	2020-06-26 13:12 (1)		17 G1 Respiratory Rate Increased
		Day 8	2020-07-03 08:03 (8)		16
		Day 15	2020-07-09 08:36 (14)		16
		Day 29/ PRE-DOSE	2020-07-24 09:00 (29)		17 G1 Respiratory Rate Increased
		Day 29/ POST-DOSE	2020-07-24 10:30 (1)		14
		Day 36	2020-08-03 10:06 (11)		14
		Day 43	2020-08-11 13:05 (19)		18 G1 Respiratory Rate Increased

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2081066	Respiratory Rate (breaths/min)	Day 57	2020-08-25 09:24 (33)		16
	Systolic Blood Pressure (mmHg)	Screening	2020-06-11 11:58 (-15)		149 G1 Systolic Hypertension
		Day 1/ PRE-DOSE	2020-06-26 11:07 (1)	Yes	128
		Day 1/ POST-DOSE	2020-06-26 13:12 (1)		134
		Day 8	2020-07-03 08:03 (8)		131
		Day 15	2020-07-09 08:36 (14)		154 G2 Systolic Hypertension
		Day 29/ PRE-DOSE	2020-07-24 09:00 (29)		157 G3 Systolic Hypertension
		Day 29/ POST-DOSE	2020-07-24 10:30 (1)		142 G1 Systolic Hypertension
		Day 36	2020-08-03 10:06 (11)		130
		Day 43	2020-08-11 13:05 (19)		137
		Day 57	2020-08-25 09:24 (33)		144 G1 Systolic Hypertension
	Temperature (C)	Screening	2020-06-11 11:58 (-15)		36.8
		Day 1/ PRE-DOSE	2020-06-26 11:07 (1)	Yes	36.4
		Day 1/ POST-DOSE	2020-06-26 13:12 (1)		36.7

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2

Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)

Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2081066	Temperature (C)	Day 8	2020-07-03 08:03 (8)		36.6
		Day 15	2020-07-09 08:36 (14)		36.6
		Day 29/ PRE-DOSE	2020-07-24 09:00 (29)		36.8
		Day 29/ POST-DOSE	2020-07-24 10:30 (1)		36.7
		Day 36	2020-08-03 10:06 (11)		36.7
		Day 43	2020-08-11 13:05 (19)		36.7
		Day 57	2020-08-25 09:24 (33)		36.6
	Weight (kg)	Screening	2020-06-11 11:58 (-15)		91.4
		Day 1/ PRE-DOSE	2020-06-26 11:07 (1)	Yes	90.9
		Day 1/ POST-DOSE	2020-06-26 13:12 (1)		90.9
		Day 29/ PRE-DOSE	2020-07-24 09:00 (29)		90.5
		Day 29/ POST-DOSE	2020-07-24 10:30 (1)		90.5
		Day 57	2020-08-25 09:24 (33)		91.7
US2081073	Body Mass Index (kg/m2)	Screening	2020-06-15 09:20 (-11)	Yes	21.2
		Day 57	2020-08-21 10:05 (29)		21
	Diastolic Blood Pressure (mmHg)	Screening	2020-06-15 09:20 (-11)		87

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2

Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)

Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2081073	Diastolic Blood Pressure (mmHg)	Day 1/ PRE-DOSE	2020-06-26 09:06 (1)	Yes	80
		Day 1/ POST-DOSE	2020-06-26 11:03 (1)		80
		Day 8	2020-07-03 10:00 (8)		77
		Day 15	2020-07-13 10:00 (18)		80
		Day 29/ PRE-DOSE	2020-07-24 10:55 (29)		75
		Day 29/ POST-DOSE	2020-07-24 13:08 (1)		78
		Day 36	2020-08-03 12:01 (11)		88
		Day 43	2020-08-10 09:19 (18)		76
		Day 57	2020-08-21 10:05 (29)		76
	Height (cm)	Screening	2020-06-15 09:20 (-11)		163.8
		Day 1/ PRE-DOSE	2020-06-26 09:06 (1)	Yes	163.8
		Day 1/ POST-DOSE	2020-06-26 11:03 (1)		163.8
		Day 29/ PRE-DOSE	2020-07-24 10:55 (29)		163.8
		Day 29/ POST-DOSE	2020-07-24 13:08 (1)		163.8
		Day 57	2020-08-21 10:05 (29)		163.8

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2081073	Pulse Rate (beats/min)	Screening	2020-06-15 09:20 (-11)		55
		Day 1/ PRE-DOSE	2020-06-26 09:06 (1)	Yes	61
		Day 1/ POST-DOSE	2020-06-26 11:03 (1)		61
		Day 8	2020-07-03 10:00 (8)		50 G1 Bradycardia
		Day 15	2020-07-13 10:00 (18)		56
		Day 29/ PRE-DOSE	2020-07-24 10:55 (29)		49 G2 Bradycardia
		Day 29/ POST-DOSE	2020-07-24 13:08 (1)		50 G1 Bradycardia
		Day 36	2020-08-03 12:01 (11)		51 G1 Bradycardia
		Day 43	2020-08-10 09:19 (18)		56
		Day 57	2020-08-21 10:05 (29)		61
	Respiratory Rate (breaths/min)	Screening	2020-06-15 09:20 (-11)		14
		Day 1/ PRE-DOSE	2020-06-26 09:06 (1)	Yes	17 G1 Respiratory Rate Increased
		Day 1/ POST-DOSE	2020-06-26 11:03 (1)		17 G1 Respiratory Rate Increased
		Day 8	2020-07-03 10:00 (8)		16
		Day 15	2020-07-13 10:00 (18)		18 G1 Respiratory Rate Increased

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2

Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)

Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2081073	Respiratory Rate (breaths/min)	Day 29/ PRE-DOSE	2020-07-24 10:55 (29)		17 G1 Respiratory Rate Increased
		Day 29/ POST-DOSE	2020-07-24 13:08 (1)		17 G1 Respiratory Rate Increased
		Day 36	2020-08-03 12:01 (11)		16
		Day 43	2020-08-10 09:19 (18)		12
		Day 57	2020-08-21 10:05 (29)		12
	Systolic Blood Pressure (mmHg)	Screening	2020-06-15 09:20 (-11)		123
		Day 1/ PRE-DOSE	2020-06-26 09:06 (1)	Yes	139
		Day 1/ POST-DOSE	2020-06-26 11:03 (1)		136
		Day 8	2020-07-03 10:00 (8)		120
		Day 15	2020-07-13 10:00 (18)		127
		Day 29/ PRE-DOSE	2020-07-24 10:55 (29)		111
		Day 29/ POST-DOSE	2020-07-24 13:08 (1)		130
		Day 36	2020-08-03 12:01 (11)		128
		Day 43	2020-08-10 09:19 (18)		112
		Day 57	2020-08-21 10:05 (29)		111
	Temperature (C)	Screening	2020-06-15 09:20 (-11)		36.4

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2081073	Temperature (C)	Day 1/ PRE-DOSE	2020-06-26 09:06 (1)	Yes	36.6
		Day 1/ POST-DOSE	2020-06-26 11:03 (1)		36.5
		Day 8	2020-07-03 10:00 (8)		36.4
		Day 15	2020-07-13 10:00 (18)		36.6
		Day 29/ PRE-DOSE	2020-07-24 10:55 (29)		36.6
		Day 29/ POST-DOSE	2020-07-24 13:08 (1)		36.8
		Day 36	2020-08-03 12:01 (11)		36.4
		Day 43	2020-08-10 09:19 (18)		35.3
		Day 57	2020-08-21 10:05 (29)		36.8
	Weight (kg)	Screening	2020-06-15 09:20 (-11)		56.9
		Day 1/ PRE-DOSE	2020-06-26 09:06 (1)	Yes	56.9
		Day 1/ POST-DOSE	2020-06-26 11:03 (1)		56.9
		Day 29/ PRE-DOSE	2020-07-24 10:55 (29)		56.4
		Day 29/ POST-DOSE	2020-07-24 13:08 (1)		56.4
		Day 57	2020-08-21 10:05 (29)		56.4

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2

Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)

Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2081113	Body Mass Index (kg/m2)	Screening	2020-06-24 09:00 (-14)	Yes	25.4
		Day 57	2020-09-08 08:11 (30)		26.3
	Diastolic Blood Pressure (mmHg)	Screening	2020-06-24 09:00 (-14)		70
		Day 1/ PRE-DOSE	2020-07-08 08:12 (1)	Yes	73
		Day 1/ POST-DOSE	2020-07-08 09:56 (1)		67
		Day 8	2020-07-17 08:33 (10)		74
		Day 15	2020-07-23 08:06 (16)		66
		Day 29/ PRE-DOSE	2020-08-10 09:07 (34)		69
		Day 29/ POST-DOSE	2020-08-10 11:04 (1)		77
		Day 36	2020-08-18 10:56 (9)		68
		Day 43	2020-08-24 10:00 (15)		64
		Day 57	2020-09-08 08:11 (30)		78
	Height (cm)	Screening	2020-06-24 09:00 (-14)		200.7
		Day 1/ PRE-DOSE	2020-07-08 08:12 (1)	Yes	200.7
		Day 1/ POST-DOSE	2020-07-08 09:56 (1)		200.7
		Day 29/ PRE-DOSE	2020-08-10 09:07 (34)		200.7

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2

Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)

Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2081113	Height (cm)	Day 29/ POST-DOSE	2020-08-10 11:04 (1)		200.7
		Day 57	2020-09-08 08:11 (30)		199.4
	Pulse Rate (beats/min)	Screening	2020-06-24 09:00 (-14)		59
		Day 1/ PRE-DOSE	2020-07-08 08:12 (1)	Yes	64
		Day 1/ POST-DOSE	2020-07-08 09:56 (1)		52 G1 Bradycardia
		Day 8	2020-07-17 08:33 (10)		50 G1 Bradycardia
		Day 15	2020-07-23 08:06 (16)		54 G1 Bradycardia
		Day 29/ PRE-DOSE	2020-08-10 09:07 (34)		51 G1 Bradycardia
		Day 29/ POST-DOSE	2020-08-10 11:04 (1)		49 G2 Bradycardia
		Day 36	2020-08-18 10:56 (9)		69
		Day 43	2020-08-24 10:00 (15)		71
		Day 57	2020-09-08 08:11 (30)		47 G2 Bradycardia
	Respiratory Rate (breaths/min)	Screening	2020-06-24 09:00 (-14)		16
		Day 1/ PRE-DOSE	2020-07-08 08:12 (1)	Yes	19 G1 Respiratory Rate Increased
		Day 1/ POST-DOSE	2020-07-08 09:56 (1)		14
		Day 8	2020-07-17 08:33 (10)		14

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2081113	Respiratory Rate (breaths/min)	Day 15	2020-07-23 08:06 (16)		17 G1 Respiratory Rate Increased
		Day 29/ PRE-DOSE	2020-08-10 09:07 (34)		16
		Day 29/ POST-DOSE	2020-08-10 11:04 (1)		16
		Day 36	2020-08-18 10:56 (9)		16
		Day 43	2020-08-24 10:00 (15)		12
		Day 57	2020-09-08 08:11 (30)		14
	Systolic Blood Pressure (mmHg)	Screening	2020-06-24 09:00 (-14)		119
		Day 1/ PRE-DOSE	2020-07-08 08:12 (1)	Yes	114
		Day 1/ POST-DOSE	2020-07-08 09:56 (1)		102
		Day 8	2020-07-17 08:33 (10)		117
		Day 15	2020-07-23 08:06 (16)		118
		Day 29/ PRE-DOSE	2020-08-10 09:07 (34)		113
		Day 29/ POST-DOSE	2020-08-10 11:04 (1)		125
		Day 36	2020-08-18 10:56 (9)		111
		Day 43	2020-08-24 10:00 (15)		117
		Day 57	2020-09-08 08:11 (30)		115

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2

Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)

Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2081113	Temperature (C)	Screening	2020-06-24 09:00 (-14)		36.5
		Day 1/ PRE-DOSE	2020-07-08 08:12 (1)	Yes	36.7
		Day 1/ POST-DOSE	2020-07-08 09:56 (1)		36.6
		Day 8	2020-07-17 08:33 (10)		36.5
		Day 15	2020-07-23 08:06 (16)		36.7
		Day 29/ PRE-DOSE	2020-08-10 09:07 (34)		36.7
		Day 29/ POST-DOSE	2020-08-10 11:04 (1)		36.6
		Day 36	2020-08-18 10:56 (9)		36.7
		Day 43	2020-08-24 10:00 (15)		36.6
		Day 57	2020-09-08 08:11 (30)		36.8
	Weight (kg)	Screening	2020-06-24 09:00 (-14)		102.2
		Day 1/ PRE-DOSE	2020-07-08 08:12 (1)	Yes	102.4
		Day 1/ POST-DOSE	2020-07-08 09:56 (1)		102.4
		Day 29/ PRE-DOSE	2020-08-10 09:07 (34)		102.3
		Day 29/ POST-DOSE	2020-08-10 11:04 (1)		102.3

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2081113	Weight (kg)	Day 57	2020-09-08 08:11 (30)		104.6

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2021220	Body Mass Index (kg/m2)	Screening	2020-06-24 11:30 (-5)	Yes	27.7
		Day 57	2020-08-25 12:45 (28)		27.8
	Diastolic Blood Pressure (mmHg)	Screening	2020-06-24 11:30 (-5)		80
		Day 1/ PRE-DOSE	2020-06-29 11:15 (1)	Yes	78
		Day 1/ POST-DOSE	2020-06-29 13:17 (1)		82
		Day 8	2020-07-07 11:25 (9)		78
		Day 15	2020-07-15 11:18 (17)		78
		Day 29/ PRE-DOSE	2020-07-29 11:51 (31)		88
		Day 29/ POST-DOSE	2020-07-29 15:21 (1)		82
		Day 36	2020-08-07 10:50 (10)		88
		Day 43	2020-08-12 11:05 (15)		81
		Day 57	2020-08-25 12:45 (28)		78
	Height (cm)	Screening	2020-06-24 11:30 (-5)		177.8
		Day 1/ PRE-DOSE	2020-06-29 11:15 (1)	Yes	177.8
		Day 1/ POST-DOSE	2020-06-29 13:17 (1)		177.8
		Day 29/ PRE-DOSE	2020-07-29 11:51 (31)		177.8

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2021220	Height (cm)	Day 29/ POST-DOSE	2020-07-29 15:21 (1)		177.8
		Day 57	2020-08-25 12:45 (28)		177.8
	Pulse Rate (beats/min)	Screening	2020-06-24 11:30 (-5)		72
		Day 1/ PRE-DOSE	2020-06-29 11:15 (1)	Yes	72
		Day 1/ POST-DOSE	2020-06-29 13:17 (1)		64
		Day 8	2020-07-07 11:25 (9)		75
		Day 15	2020-07-15 11:18 (17)		72
		Day 29/ PRE-DOSE	2020-07-29 11:51 (31)		71
		Day 29/ POST-DOSE	2020-07-29 15:21 (1)		64
		Day 36	2020-08-07 10:50 (10)		72
		Day 43	2020-08-12 11:05 (15)		69
		Day 57	2020-08-25 12:45 (28)		61
	Respiratory Rate (breaths/min)	Screening	2020-06-24 11:30 (-5)		14
		Day 1/ PRE-DOSE	2020-06-29 11:15 (1)	Yes	16
		Day 1/ POST-DOSE	2020-06-29 13:17 (1)		16
		Day 8	2020-07-07 11:25 (9)		15

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2021220	Respiratory Rate (breaths/min)	Day 15	2020-07-15 11:18 (17)		16
		Day 29/ PRE-DOSE	2020-07-29 11:51 (31)		16
		Day 29/ POST-DOSE	2020-07-29 15:21 (1)		15
		Day 36	2020-08-07 10:50 (10)		16
		Day 43	2020-08-12 11:05 (15)		15
		Day 57	2020-08-25 12:45 (28)		15
	Systolic Blood Pressure (mmHg)	Screening	2020-06-24 11:30 (-5)		138
		Day 1/ PRE-DOSE	2020-06-29 11:15 (1)	Yes	118
		Day 1/ POST-DOSE	2020-06-29 13:17 (1)		138
		Day 8	2020-07-07 11:25 (9)		153 G2 Systolic Hypertension
		Day 15	2020-07-15 11:18 (17)		130
		Day 29/ PRE-DOSE	2020-07-29 11:51 (31)		144 G1 Systolic Hypertension
		Day 29/ POST-DOSE	2020-07-29 15:21 (1)		136
		Day 36	2020-08-07 10:50 (10)		138
		Day 43	2020-08-12 11:05 (15)		144 G1 Systolic Hypertension

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2021220	Systolic Blood Pressure (mmHg)	Day 57	2020-08-25 12:45 (28)		138
	Temperature (C)	Screening	2020-06-24 11:30 (-5)		36.4
		Day 1/ PRE-DOSE	2020-06-29 11:15 (1)	Yes	36.7
		Day 1/ POST-DOSE	2020-06-29 13:17 (1)		36.6
		Day 8	2020-07-07 11:25 (9)		37
		Day 15	2020-07-15 11:18 (17)		36.6
		Day 29/ PRE-DOSE	2020-07-29 11:51 (31)		37
		Day 29/ POST-DOSE	2020-07-29 15:21 (1)		36.7
		Day 36	2020-08-07 10:50 (10)		36.8
		Day 43	2020-08-12 11:05 (15)		36.5
		Day 57	2020-08-25 12:45 (28)		37.1
	Weight (kg)	Screening	2020-06-24 11:30 (-5)		87.6
		Day 1/ PRE-DOSE	2020-06-29 11:15 (1)	Yes	87.2
		Day 1/ POST-DOSE	2020-06-29 13:17 (1)		87.2
		Day 29/ PRE-DOSE	2020-07-29 11:51 (31)		87.9

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Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2

Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)

Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2021220	Weight (kg)	Day 29/ POST-DOSE	2020-07-29 15:21 (1)		87.9
		Day 57	2020-08-25 12:45 (28)		87.9
US2041119	Body Mass Index (kg/m2)	Screening	2020-06-11 15:40 (-25)	Yes	26.8
		Day 57	2020-09-01 09:11 (29)		25.9
	Diastolic Blood Pressure (mmHg)	Screening	2020-06-11 15:40 (-25)		78
		Day 1/ PRE-DOSE	2020-07-06 13:07 (1)	Yes	76
		Day 1/ POST-DOSE	2020-07-06 14:49 (1)		76
		Day 8	2020-07-13 09:06 (8)		82
		Day 15	2020-07-21 09:06 (16)		76
		Day 29/ PRE-DOSE	2020-08-04 09:32 (30)		88
		Day 29/ POST-DOSE	2020-08-04 11:06 (1)		82
		Day 36	2020-08-11 10:13 (8)		79
		Day 43	2020-08-18 09:50 (15)		82
		Day 57	2020-09-01 09:11 (29)		82
	Height (cm)	Screening	2020-06-11 15:40 (-25)		177.8
		Day 1/ PRE-DOSE	2020-07-06 13:07 (1)	Yes	177.8

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2041119	Height (cm)	Day 1/ POST-DOSE	2020-07-06 14:49 (1)		177.8
		Day 29/ PRE-DOSE	2020-08-04 09:32 (30)		177.8
		Day 29/ POST-DOSE	2020-08-04 11:06 (1)		177.8
		Day 57	2020-09-01 09:11 (29)		177.8
	Pulse Rate (beats/min)	Screening	2020-06-11 15:40 (-25)		63
		Day 1/ PRE-DOSE	2020-07-06 13:07 (1)	Yes	64
		Day 1/ POST-DOSE	2020-07-06 14:49 (1)		56
		Day 8	2020-07-13 09:06 (8)		67
		Day 15	2020-07-21 09:06 (16)		66
		Day 29/ PRE-DOSE	2020-08-04 09:32 (30)		54 G1 Bradycardia
		Day 29/ POST-DOSE	2020-08-04 11:06 (1)		66
		Day 36	2020-08-11 10:13 (8)		63
		Day 43	2020-08-18 09:50 (15)		68
		Day 57	2020-09-01 09:11 (29)		60
	Respiratory Rate (breaths/min)	Screening	2020-06-11 15:40 (-25)		12

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2041119	Respiratory Rate (breaths/min)	Day 1/ PRE-DOSE	2020-07-06 13:07 (1)	Yes	12
		Day 1/ POST-DOSE	2020-07-06 14:49 (1)		12
		Day 8	2020-07-13 09:06 (8)		16
		Day 15	2020-07-21 09:06 (16)		14
		Day 29/ PRE-DOSE	2020-08-04 09:32 (30)		14
		Day 29/ POST-DOSE	2020-08-04 11:06 (1)		14
		Day 36	2020-08-11 10:13 (8)		14
		Day 43	2020-08-18 09:50 (15)		14
		Day 57	2020-09-01 09:11 (29)		12
	Systolic Blood Pressure (mmHg)	Screening	2020-06-11 15:40 (-25)		140
		Day 1/ PRE-DOSE	2020-07-06 13:07 (1)	Yes	154 G2 Systolic Hypertension
		Day 1/ POST-DOSE	2020-07-06 14:49 (1)		148 G1 Systolic Hypertension
		Day 8	2020-07-13 09:06 (8)		144 G1 Systolic Hypertension
		Day 15	2020-07-21 09:06 (16)		140
		Day 29/ PRE-DOSE	2020-08-04 09:32 (30)		159 G3 Systolic Hypertension

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2041119	Systolic Blood Pressure (mmHg)	Day 29/ POST-DOSE	2020-08-04 11:06 (1)		124
		Day 36	2020-08-11 10:13 (8)		141 G1 Systolic Hypertension
		Day 43	2020-08-18 09:50 (15)		144 G1 Systolic Hypertension
		Day 57	2020-09-01 09:11 (29)		138
	Temperature (C)	Screening	2020-06-11 15:40 (-25)		36.9
		Day 1/ PRE-DOSE	2020-07-06 13:07 (1)	Yes	36.6
		Day 1/ POST-DOSE	2020-07-06 14:49 (1)		36.7
		Day 8	2020-07-13 09:06 (8)		36.6
		Day 15	2020-07-21 09:06 (16)		36.6
		Day 29/ PRE-DOSE	2020-08-04 09:32 (30)		36.5
		Day 29/ POST-DOSE	2020-08-04 11:06 (1)		36.7
		Day 36	2020-08-11 10:13 (8)		37.1
		Day 43	2020-08-18 09:50 (15)		36.7
		Day 57	2020-09-01 09:11 (29)		36.4
	Weight (kg)	Screening	2020-06-11 15:40 (-25)		84.8

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2041119	Weight (kg)	Day 1/ PRE-DOSE	2020-07-06 13:07 (1)	Yes	82.8
		Day 1/ POST-DOSE	2020-07-06 14:49 (1)		82.8
		Day 29/ PRE-DOSE	2020-08-04 09:32 (30)		81.2
		Day 29/ POST-DOSE	2020-08-04 11:06 (1)		81.2
		Day 57	2020-09-01 09:11 (29)		81.9
US2051059	Body Mass Index (kg/m2)	Screening	2020-06-15 14:50 (-11)	Yes	27.8
		Day 57	2020-08-18 15:03 (23)		27.9
	Diastolic Blood Pressure (mmHg)	Screening	2020-06-15 14:50 (-11)		82
		Day 1/ PRE-DOSE	2020-06-26 13:48 (1)	Yes	84
		Day 1/ POST-DOSE	2020-06-26 15:33 (1)		89
		Day 8	2020-07-06 14:59 (11)		75
		Day 15	2020-07-10 14:11 (15)		85
		Day 29/ PRE-DOSE	2020-07-27 12:37 (32)		85
		Day 29/ POST-DOSE	2020-07-27 14:33 (1)		89

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2

Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)

Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2051059	Diastolic Blood Pressure (mmHg)	Day 36	2020-08-03 14:43 (8)		82
		Day 43	2020-08-10 14:48 (15)		87
		Day 57	2020-08-18 15:03 (23)		77
	Height (cm)	Screening	2020-06-15 14:50 (-11)		163.5
		Day 1/ PRE-DOSE	2020-06-26 13:48 (1)	Yes	163.5
		Day 1/ POST-DOSE	2020-06-26 15:33 (1)		163.5
		Day 29/ PRE-DOSE	2020-07-27 12:37 (32)		163.1
		Day 29/ POST-DOSE	2020-07-27 14:33 (1)		163.1
		Day 57	2020-08-18 15:03 (23)		163.1
	Pulse Rate (beats/min)	Screening	2020-06-15 14:50 (-11)		67
		Day 1/ PRE-DOSE	2020-06-26 13:48 (1)	Yes	65
		Day 1/ POST-DOSE	2020-06-26 15:33 (1)		63
		Day 8	2020-07-06 14:59 (11)		69
		Day 15	2020-07-10 14:11 (15)		69
		Day 29/ PRE-DOSE	2020-07-27 12:37 (32)		68

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2051059	Pulse Rate (beats/min)	Day 29/ POST-DOSE	2020-07-27 14:33 (1)		58
		Day 36	2020-08-03 14:43 (8)		65
		Day 43	2020-08-10 14:48 (15)		74
		Day 57	2020-08-18 15:03 (23)		66
	Respiratory Rate (breaths/min)	Screening	2020-06-15 14:50 (-11)		16
		Day 1/ PRE-DOSE	2020-06-26 13:48 (1)	Yes	15
		Day 1/ POST-DOSE	2020-06-26 15:33 (1)		16
		Day 8	2020-07-06 14:59 (11)		14
		Day 15	2020-07-10 14:11 (15)		16
		Day 29/ PRE-DOSE	2020-07-27 12:37 (32)		15
		Day 29/ POST-DOSE	2020-07-27 14:33 (1)		15
		Day 36	2020-08-03 14:43 (8)		15
		Day 43	2020-08-10 14:48 (15)		15
		Day 57	2020-08-18 15:03 (23)		16
	Systolic Blood Pressure (mmHg)	Screening	2020-06-15 14:50 (-11)		139
		Day 1/ PRE-DOSE	2020-06-26 13:48 (1)	Yes	143 G1 Systolic Hypertension

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2051059	Systolic Blood Pressure (mmHg)	Day 1/ POST-DOSE	2020-06-26 15:33 (1)		139
		Day 8	2020-07-06 14:59 (11)		134
		Day 15	2020-07-10 14:11 (15)		125
		Day 29/ PRE-DOSE	2020-07-27 12:37 (32)		144 G1 Systolic Hypertension
		Day 29/ POST-DOSE	2020-07-27 14:33 (1)		150 G1 Systolic Hypertension
		Day 36	2020-08-03 14:43 (8)		151 G2 Systolic Hypertension
		Day 43	2020-08-10 14:48 (15)		131
		Day 57	2020-08-18 15:03 (23)		124
	Temperature (C)	Screening	2020-06-15 14:50 (-11)		36.5
		Day 1/ PRE-DOSE	2020-06-26 13:48 (1)	Yes	35.9
		Day 1/ POST-DOSE	2020-06-26 15:33 (1)		36.6
		Day 8	2020-07-06 14:59 (11)		36.5
		Day 15	2020-07-10 14:11 (15)		37.2
		Day 29/ PRE-DOSE	2020-07-27 12:37 (32)		36.3
		Day 29/ POST-DOSE	2020-07-27 14:33 (1)		36.6

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2

Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)

Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2051059	Temperature (C)	Day 36	2020-08-03 14:43 (8)		37.4
		Day 43	2020-08-10 14:48 (15)		36.8
		Day 57	2020-08-18 15:03 (23)		36.7
	Weight (kg)	Screening	2020-06-15 14:50 (-11)		74.3
		Day 1/ PRE-DOSE	2020-06-26 13:48 (1)	Yes	74
		Day 1/ POST-DOSE	2020-06-26 15:33 (1)		74
		Day 29/ PRE-DOSE	2020-07-27 12:37 (32)		75.5
		Day 29/ POST-DOSE	2020-07-27 14:33 (1)		75.5
		Day 57	2020-08-18 15:03 (23)		74.1
US2051068	Body Mass Index (kg/m2)	Screening	2020-06-17 14:41 (-13)	Yes	28.8
		Day 57	2020-08-25 11:40 (29)		29.3
	Diastolic Blood Pressure (mmHg)	Screening	2020-06-17 14:41 (-13)		77
		Day 1/ PRE-DOSE	2020-06-30 12:15 (1)	Yes	87
		Day 1/ POST-DOSE	2020-06-30 14:48 (1)		87
		Day 8	2020-07-07 12:13 (8)		79
		Day 15	2020-07-14 11:58 (15)		75

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2051068	Diastolic Blood Pressure (mmHg)	Day 29/ PRE-DOSE	2020-07-28 12:15 (29)		83
		Day 29/ POST-DOSE	2020-07-28 14:08 (1)		73
		Day 36	2020-08-04 12:30 (8)		72
		Day 43	2020-08-11 10:00 (15)		72
		Day 57	2020-08-25 11:40 (29)		89
	Height (cm)	Screening	2020-06-17 14:41 (-13)		174
		Day 1/ PRE-DOSE	2020-06-30 12:15 (1)	Yes	174
		Day 1/ POST-DOSE	2020-06-30 14:48 (1)		174
		Day 29/ PRE-DOSE	2020-07-28 12:15 (29)		174
		Day 29/ POST-DOSE	2020-07-28 14:08 (1)		174
		Day 57	2020-08-25 11:40 (29)		174
	Pulse Rate (beats/min)	Screening	2020-06-17 14:41 (-13)		59
		Day 1/ PRE-DOSE	2020-06-30 12:15 (1)	Yes	60
		Day 1/ POST-DOSE	2020-06-30 14:48 (1)		51 G1 Bradycardia
		Day 8	2020-07-07 12:13 (8)		69

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2051068	Pulse Rate (beats/min)	Day 15	2020-07-14 11:58 (15)		66
		Day 29/ PRE-DOSE	2020-07-28 12:15 (29)		69
		Day 29/ POST-DOSE	2020-07-28 14:08 (1)		50 G1 Bradycardia
		Day 36	2020-08-04 12:30 (8)		61
		Day 43	2020-08-11 10:00 (15)		62
		Day 57	2020-08-25 11:40 (29)		71
	Respiratory Rate (breaths/min)	Screening	2020-06-17 14:41 (-13)		12
		Day 1/ PRE-DOSE	2020-06-30 12:15 (1)	Yes	16
		Day 1/ POST-DOSE	2020-06-30 14:48 (1)		16
		Day 8	2020-07-07 12:13 (8)		12
		Day 15	2020-07-14 11:58 (15)		16
		Day 29/ PRE-DOSE	2020-07-28 12:15 (29)		15
		Day 29/ POST-DOSE	2020-07-28 14:08 (1)		14
		Day 36	2020-08-04 12:30 (8)		15
		Day 43	2020-08-11 10:00 (15)		15
		Day 57	2020-08-25 11:40 (29)		16

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2051068	Systolic Blood Pressure (mmHg)	Screening	2020-06-17 14:41 (-13)		160 G3 Systolic Hypertension
		Day 1/ PRE-DOSE	2020-06-30 12:15 (1)	Yes	147 G1 Systolic Hypertension
		Day 1/ POST-DOSE	2020-06-30 14:48 (1)		150 G1 Systolic Hypertension
		Day 8	2020-07-07 12:13 (8)		153 G2 Systolic Hypertension
		Day 15	2020-07-14 11:58 (15)		141 G1 Systolic Hypertension
		Day 29/ PRE-DOSE	2020-07-28 12:15 (29)		143 G1 Systolic Hypertension
		Day 29/ POST-DOSE	2020-07-28 14:08 (1)		127
		Day 36	2020-08-04 12:30 (8)		136
		Day 43	2020-08-11 10:00 (15)		140
		Day 57	2020-08-25 11:40 (29)		140
	Temperature (C)	Screening	2020-06-17 14:41 (-13)		36.3
		Day 1/ PRE-DOSE	2020-06-30 12:15 (1)	Yes	36.7
		Day 1/ POST-DOSE	2020-06-30 14:48 (1)		36.4
		Day 8	2020-07-07 12:13 (8)		36.7

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2051068	Temperature (C)	Day 15	2020-07-14 11:58 (15)		36.7
		Day 29/ PRE-DOSE	2020-07-28 12:15 (29)		37.1
		Day 29/ POST-DOSE	2020-07-28 14:08 (1)		36.7
		Day 36	2020-08-04 12:30 (8)		36.7
		Day 43	2020-08-11 10:00 (15)		36.5
		Day 57	2020-08-25 11:40 (29)		37.4
	Weight (kg)	Screening	2020-06-17 14:41 (-13)		87.3
		Day 1/ PRE-DOSE	2020-06-30 12:15 (1)	Yes	88.7
		Day 1/ POST-DOSE	2020-06-30 14:48 (1)		88.7
		Day 29/ PRE-DOSE	2020-07-28 12:15 (29)		85.6
		Day 29/ POST-DOSE	2020-07-28 14:08 (1)		85.6
		Day 57	2020-08-25 11:40 (29)		88.7
US2051094	Body Mass Index (kg/m2)	Screening	2020-06-29 10:05 (-8)	Yes	22.4
		Day 57	2020-09-02 09:45 (30)		22.5
	Diastolic Blood Pressure (mmHg)	Screening	2020-06-29 10:05 (-8)		75

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2051094	Diastolic Blood Pressure (mmHg)	Day 1/ PRE-DOSE	2020-07-07 10:48 (1)	Yes	68
		Day 1/ POST-DOSE	2020-07-07 12:44 (1)		77
		Day 8	2020-07-16 10:45 (10)		73
		Day 15	2020-07-22 10:48 (16)		66
		Day 29/ PRE-DOSE	2020-08-04 10:47 (29)		74
		Day 29/ POST-DOSE	2020-08-04 15:53 (1)		75
		Day 36	2020-08-11 10:44 (8)		86
		Day 43	2020-08-18 10:48 (15)		78
		Day 57	2020-09-02 09:45 (30)		72
	Height (cm)	Screening	2020-06-29 10:05 (-8)		181.4
		Day 1/ PRE-DOSE	2020-07-07 10:48 (1)	Yes	181.2
		Day 1/ POST-DOSE	2020-07-07 12:44 (1)		181.2
		Day 29/ PRE-DOSE	2020-08-04 10:47 (29)		181.2
		Day 29/ POST-DOSE	2020-08-04 15:53 (1)		181.2
		Day 57	2020-09-02 09:45 (30)		181.2

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2051094	Pulse Rate (beats/min)	Screening	2020-06-29 10:05 (-8)		74
		Day 1/ PRE-DOSE	2020-07-07 10:48 (1)	Yes	62
		Day 1/ POST-DOSE	2020-07-07 12:44 (1)		58
		Day 8	2020-07-16 10:45 (10)		62
		Day 15	2020-07-22 10:48 (16)		65
		Day 29/ PRE-DOSE	2020-08-04 10:47 (29)		66
		Day 29/ POST-DOSE	2020-08-04 15:53 (1)		59
		Day 36	2020-08-11 10:44 (8)		64
		Day 43	2020-08-18 10:48 (15)		60
		Day 57	2020-09-02 09:45 (30)		70
	Respiratory Rate (breaths/min)	Screening	2020-06-29 10:05 (-8)		16
		Day 1/ PRE-DOSE	2020-07-07 10:48 (1)	Yes	14
		Day 1/ POST-DOSE	2020-07-07 12:44 (1)		16
		Day 8	2020-07-16 10:45 (10)		12
		Day 15	2020-07-22 10:48 (16)		12
		Day 29/ PRE-DOSE	2020-08-04 10:47 (29)		14

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2051094	Respiratory Rate (breaths/min)	Day 29/ POST-DOSE	2020-08-04 15:53 (1)		14
		Day 36	2020-08-11 10:44 (8)		12
		Day 43	2020-08-18 10:48 (15)		12
		Day 57	2020-09-02 09:45 (30)		14
	Systolic Blood Pressure (mmHg)	Screening	2020-06-29 10:05 (-8)		131
		Day 1/ PRE-DOSE	2020-07-07 10:48 (1)	Yes	114
		Day 1/ POST-DOSE	2020-07-07 12:44 (1)		137
		Day 8	2020-07-16 10:45 (10)		111
		Day 15	2020-07-22 10:48 (16)		125
		Day 29/ PRE-DOSE	2020-08-04 10:47 (29)		112
		Day 29/ POST-DOSE	2020-08-04 15:53 (1)		125
		Day 36	2020-08-11 10:44 (8)		124
		Day 43	2020-08-18 10:48 (15)		169 G3 Systolic Hypertension
		Day 57	2020-09-02 09:45 (30)		144 G1 Systolic Hypertension
	Temperature (C)	Screening	2020-06-29 10:05 (-8)		37

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2051094	Temperature (C)	Day 1/ PRE-DOSE	2020-07-07 10:48 (1)	Yes	37
		Day 1/ POST-DOSE	2020-07-07 12:44 (1)		36.3
		Day 8	2020-07-16 10:45 (10)		36.4
		Day 15	2020-07-22 10:48 (16)		36.3
		Day 29/ PRE-DOSE	2020-08-04 10:47 (29)		36.6
		Day 29/ POST-DOSE	2020-08-04 15:53 (1)		35.8
		Day 36	2020-08-11 10:44 (8)		36.3
		Day 43	2020-08-18 10:48 (15)		36
		Day 57	2020-09-02 09:45 (30)		35.9
	Weight (kg)	Screening	2020-06-29 10:05 (-8)		73.7
		Day 1/ PRE-DOSE	2020-07-07 10:48 (1)	Yes	72.1
		Day 1/ POST-DOSE	2020-07-07 12:44 (1)		72.1
		Day 29/ PRE-DOSE	2020-08-04 10:47 (29)		73.8
		Day 29/ POST-DOSE	2020-08-04 15:53 (1)		73.8
		Day 57	2020-09-02 09:45 (30)		73.8

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2071083	Body Mass Index (kg/m2)	Screening	2020-06-15 08:27 (-11)	Yes	24
		Day 57	2020-08-24 08:46 (35)		24
	Diastolic Blood Pressure (mmHg)	Screening	2020-06-15 08:27 (-11)		78
		Day 1/ PRE-DOSE	2020-06-26 09:14 (1)	Yes	64
		Day 1/ POST-DOSE	2020-06-26 11:36 (1)		64
		Day 8	2020-07-06 08:45 (11)		60
		Day 15	2020-07-10 09:09 (15)		70
		Day 29/ PRE-DOSE	2020-07-21 08:41 (26)		60
		Day 29/ POST-DOSE	2020-07-21 11:02 (1)		68
		Day 36	2020-07-29 10:10 (9)		58
		Day 43	2020-08-06 08:38 (17)		62
		Day 57	2020-08-24 08:46 (35)		62
	Height (cm)	Screening	2020-06-15 08:27 (-11)		167.5
		Day 1/ PRE-DOSE	2020-06-26 09:14 (1)	Yes	168
		Day 1/ POST-DOSE	2020-06-26 11:36 (1)		168
		Day 29/ PRE-DOSE	2020-07-21 08:41 (26)		168

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2071083	Height (cm)	Day 29/ POST-DOSE	2020-07-21 11:02 (1)		168
		Day 57	2020-08-24 08:46 (35)		167.5
	Pulse Rate (beats/min)	Screening	2020-06-15 08:27 (-11)		60
		Day 1/ PRE-DOSE	2020-06-26 09:14 (1)	Yes	62
		Day 1/ POST-DOSE	2020-06-26 11:36 (1)		60
		Day 8	2020-07-06 08:45 (11)		58
		Day 15	2020-07-10 09:09 (15)		60
		Day 29/ PRE-DOSE	2020-07-21 08:41 (26)		68
		Day 29/ POST-DOSE	2020-07-21 11:02 (1)		62
		Day 36	2020-07-29 10:10 (9)		60
		Day 43	2020-08-06 08:38 (17)		72
		Day 57	2020-08-24 08:46 (35)		49 G2 Bradycardia
	Respiratory Rate (breaths/min)	Screening	2020-06-15 08:27 (-11)		12
		Day 1/ PRE-DOSE	2020-06-26 09:14 (1)	Yes	16
		Day 1/ POST-DOSE	2020-06-26 11:36 (1)		14
		Day 8	2020-07-06 08:45 (11)		12

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2071083	Respiratory Rate (breaths/min)	Day 15	2020-07-10 09:09 (15)		12
		Day 29/ PRE-DOSE	2020-07-21 08:41 (26)		12
		Day 29/ POST-DOSE	2020-07-21 11:02 (1)		12
		Day 36	2020-07-29 10:10 (9)		12
		Day 43	2020-08-06 08:38 (17)		12
		Day 57	2020-08-24 08:46 (35)		12
	Systolic Blood Pressure (mmHg)	Screening	2020-06-15 08:27 (-11)		140
		Day 1/ PRE-DOSE	2020-06-26 09:14 (1)	Yes	120
		Day 1/ POST-DOSE	2020-06-26 11:36 (1)		118
		Day 8	2020-07-06 08:45 (11)		142 G1 Systolic Hypertension
		Day 15	2020-07-10 09:09 (15)		140
		Day 29/ PRE-DOSE	2020-07-21 08:41 (26)		142 G1 Systolic Hypertension
		Day 29/ POST-DOSE	2020-07-21 11:02 (1)		144 G1 Systolic Hypertension
		Day 36	2020-07-29 10:10 (9)		120
		Day 43	2020-08-06 08:38 (17)		118

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2071083	Systolic Blood Pressure (mmHg)	Day 57	2020-08-24 08:46 (35)		142 G1 Systolic Hypertension
	Temperature (C)	Screening	2020-06-15 08:27 (-11)		36.5
		Day 1/ PRE-DOSE	2020-06-26 09:14 (1)	Yes	36.7
		Day 1/ POST-DOSE	2020-06-26 11:36 (1)		36.2
		Day 8	2020-07-06 08:45 (11)		36.9
		Day 15	2020-07-10 09:09 (15)		36.8
		Day 29/ PRE-DOSE	2020-07-21 08:41 (26)		36.8
		Day 29/ POST-DOSE	2020-07-21 11:02 (1)		36.1
		Day 36	2020-07-29 10:10 (9)		36.9
		Day 43	2020-08-06 08:38 (17)		37
		Day 57	2020-08-24 08:46 (35)		36
	Weight (kg)	Screening	2020-06-15 08:27 (-11)		67.2
		Day 1/ PRE-DOSE	2020-06-26 09:14 (1)	Yes	67.6
		Day 1/ POST-DOSE	2020-06-26 11:36 (1)		67.6
		Day 29/ PRE-DOSE	2020-07-21 08:41 (26)		68.1

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2

Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)

Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2071083	Weight (kg)	Day 29/ POST-DOSE	2020-07-21 11:02 (1)		68.1
		Day 57	2020-08-24 08:46 (35)		67.2
US2071099	Body Mass Index (kg/m2)	Screening	2020-06-24 15:08 (-13)	Yes	29.3
		Day 57	2020-09-03 14:07 (31)		30.2
	Diastolic Blood Pressure (mmHg)	Screening	2020-06-24 15:08 (-13)		82
		Day 1/ PRE-DOSE	2020-07-07 12:34 (1)	Yes	78
		Day 1/ POST-DOSE	2020-07-07 14:40 (1)		76
		Day 8	2020-07-15 13:57 (9)		70
		Day 15	2020-07-21 14:04 (15)		80
		Day 29/ PRE-DOSE	2020-08-04 13:56 (29)		70
		Day 29/ POST-DOSE	2020-08-04 16:15 (1)		68
		Day 36	2020-08-11 14:06 (8)		76
		Day 43	2020-08-17 13:59 (14)		85
		Day 57	2020-09-03 14:07 (31)		96 G2 Diastolic Hypertension
	Height (cm)	Screening	2020-06-24 15:08 (-13)		171

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2071099	Height (cm)	Day 1/ PRE-DOSE	2020-07-07 12:34 (1)	Yes	171
		Day 1/ POST-DOSE	2020-07-07 14:40 (1)		171
		Day 29/ PRE-DOSE	2020-08-04 13:56 (29)		171
		Day 29/ POST-DOSE	2020-08-04 16:15 (1)		171
		Day 57	2020-09-03 14:07 (31)		171
	Pulse Rate (beats/min)	Screening	2020-06-24 15:08 (-13)		80
		Day 1/ PRE-DOSE	2020-07-07 12:34 (1)	Yes	80
		Day 1/ POST-DOSE	2020-07-07 14:40 (1)		76
		Day 8	2020-07-15 13:57 (9)		82
		Day 15	2020-07-21 14:04 (15)		76
		Day 29/ PRE-DOSE	2020-08-04 13:56 (29)		88
		Day 29/ POST-DOSE	2020-08-04 16:15 (1)		60
		Day 36	2020-08-11 14:06 (8)		86
		Day 43	2020-08-17 13:59 (14)		76
		Day 57	2020-09-03 14:07 (31)		79

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2071099	Respiratory Rate (breaths/min)	Screening	2020-06-24 15:08 (-13)		16
		Day 1/ PRE-DOSE	2020-07-07 12:34 (1)	Yes	16
		Day 1/ POST-DOSE	2020-07-07 14:40 (1)		14
		Day 8	2020-07-15 13:57 (9)		16
		Day 15	2020-07-21 14:04 (15)		14
		Day 29/ PRE-DOSE	2020-08-04 13:56 (29)		16
		Day 29/ POST-DOSE	2020-08-04 16:15 (1)		16
		Day 36	2020-08-11 14:06 (8)		16
		Day 43	2020-08-17 13:59 (14)		14
		Day 57	2020-09-03 14:07 (31)		16
	Systolic Blood Pressure (mmHg)	Screening	2020-06-24 15:08 (-13)		144 G1 Systolic Hypertension
		Day 1/ PRE-DOSE	2020-07-07 12:34 (1)	Yes	142 G1 Systolic Hypertension
		Day 1/ POST-DOSE	2020-07-07 14:40 (1)		142 G1 Systolic Hypertension
		Day 8	2020-07-15 13:57 (9)		126
		Day 15	2020-07-21 14:04 (15)		136

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2071099	Systolic Blood Pressure (mmHg)	Day 29/ PRE-DOSE	2020-08-04 13:56 (29)		133
		Day 29/ POST-DOSE	2020-08-04 16:15 (1)		138
		Day 36	2020-08-11 14:06 (8)		149 G1 Systolic Hypertension
		Day 43	2020-08-17 13:59 (14)		168 G3 Systolic Hypertension
		Day 57	2020-09-03 14:07 (31)		172 G3 Systolic Hypertension
	Temperature (C)	Screening	2020-06-24 15:08 (-13)		36.2
		Day 1/ PRE-DOSE	2020-07-07 12:34 (1)	Yes	36.7
		Day 1/ POST-DOSE	2020-07-07 14:40 (1)		36.6
		Day 8	2020-07-15 13:57 (9)		36.4
		Day 15	2020-07-21 14:04 (15)		36.5
		Day 29/ PRE-DOSE	2020-08-04 13:56 (29)		36.8
		Day 29/ POST-DOSE	2020-08-04 16:15 (1)		36.9
		Day 36	2020-08-11 14:06 (8)		36.6
		Day 43	2020-08-17 13:59 (14)		36.5

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2071099	Temperature (C)	Day 57	2020-09-03 14:07 (31)		36.8
	Weight (kg)	Screening	2020-06-24 15:08 (-13)		85.8
		Day 1/ PRE-DOSE	2020-07-07 12:34 (1)	Yes	84.7
		Day 1/ POST-DOSE	2020-07-07 14:40 (1)		84.7
		Day 29/ PRE-DOSE	2020-08-04 13:56 (29)		84.7
		Day 29/ POST-DOSE	2020-08-04 16:15 (1)		84.7
		Day 57	2020-09-03 14:07 (31)		88.2
US2071104	Body Mass Index (kg/m2)	Screening	2020-06-26 14:48 (-10)	Yes	25.4
		Day 57	2020-09-04 09:42 (26)		25.4
	Diastolic Blood Pressure (mmHg)	Screening	2020-06-26 14:48 (-10)		64
		Day 1/ PRE-DOSE	2020-07-06 12:10 (1)	Yes	80
		Day 1/ POST-DOSE	2020-07-06 14:14 (1)		64
		Day 8	2020-07-13 10:06 (8)		76
		Day 15	2020-07-21 (16)		78
		Day 29/ PRE-DOSE	2020-08-10 10:03 (36)		77

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2

Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)

Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2071104	Diastolic Blood Pressure (mmHg)	Day 29/ POST-DOSE	2020-08-10 11:46 (1)		80
		Day 36	2020-08-19 09:50 (10)		76
		Day 43	2020-08-26 10:11 (17)		76
		Day 57	2020-09-04 09:42 (26)		73
	Height (cm)	Screening	2020-06-26 14:48 (-10)		185.4
		Day 1/ PRE-DOSE	2020-07-06 12:10 (1)	Yes	185.4
		Day 1/ POST-DOSE	2020-07-06 14:14 (1)		185.4
		Day 29/ PRE-DOSE	2020-08-10 10:03 (36)		185.4
		Day 29/ POST-DOSE	2020-08-10 11:46 (1)		185.4
		Day 57	2020-09-04 09:42 (26)		185.4
	Pulse Rate (beats/min)	Screening	2020-06-26 14:48 (-10)		68
		Day 1/ PRE-DOSE	2020-07-06 12:10 (1)	Yes	78
		Day 1/ POST-DOSE	2020-07-06 14:14 (1)		74
		Day 8	2020-07-13 10:06 (8)		88
		Day 15	2020-07-21 (16)		84

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2071104	Pulse Rate (beats/min)	Day 29/ PRE-DOSE	2020-08-10 10:03 (36)		73
		Day 29/ POST-DOSE	2020-08-10 11:46 (1)		71
		Day 36	2020-08-19 09:50 (10)		86
		Day 43	2020-08-26 10:11 (17)		89
		Day 57	2020-09-04 09:42 (26)		100
	Respiratory Rate (breaths/min)	Screening	2020-06-26 14:48 (-10)		14
		Day 1/ PRE-DOSE	2020-07-06 12:10 (1)	Yes	16
		Day 1/ POST-DOSE	2020-07-06 14:14 (1)		14
		Day 8	2020-07-13 10:06 (8)		14
		Day 15	2020-07-21 (16)		16
		Day 29/ PRE-DOSE	2020-08-10 10:03 (36)		12
		Day 29/ POST-DOSE	2020-08-10 11:46 (1)		16
		Day 36	2020-08-19 09:50 (10)		16
		Day 43	2020-08-26 10:11 (17)		14
		Day 57	2020-09-04 09:42 (26)		14
	Systolic Blood Pressure (mmHg)	Screening	2020-06-26 14:48 (-10)		128

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2071104	Systolic Blood Pressure (mmHg)	Day 1/ PRE-DOSE	2020-07-06 12:10 (1)	Yes	134
		Day 1/ POST-DOSE	2020-07-06 14:14 (1)		98
		Day 8	2020-07-13 10:06 (8)		124
		Day 15	2020-07-21 (16)		124
		Day 29/ PRE-DOSE	2020-08-10 10:03 (36)		124
		Day 29/ POST-DOSE	2020-08-10 11:46 (1)		120
		Day 36	2020-08-19 09:50 (10)		126
		Day 43	2020-08-26 10:11 (17)		154 G2 Systolic Hypertension
		Day 57	2020-09-04 09:42 (26)		143 G1 Systolic Hypertension
	Temperature (C)	Screening	2020-06-26 14:48 (-10)		36.9
		Day 1/ PRE-DOSE	2020-07-06 12:10 (1)	Yes	37
		Day 1/ POST-DOSE	2020-07-06 14:14 (1)		36.6
		Day 8	2020-07-13 10:06 (8)		35.8
		Day 15	2020-07-21 (16)		36.4

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2071104	Temperature (C)	Day 29/ PRE-DOSE	2020-08-10 10:03 (36)		36.8
		Day 29/ POST-DOSE	2020-08-10 11:46 (1)		36.4
		Day 36	2020-08-19 09:50 (10)		36.5
		Day 43	2020-08-26 10:11 (17)		36.4
		Day 57	2020-09-04 09:42 (26)		36.8
	Weight (kg)	Screening	2020-06-26 14:48 (-10)		87.2
		Day 1/ PRE-DOSE	2020-07-06 12:10 (1)	Yes	87.8
		Day 1/ POST-DOSE	2020-07-06 14:14 (1)		87.8
		Day 29/ PRE-DOSE	2020-08-10 10:03 (36)		87.2
		Day 29/ POST-DOSE	2020-08-10 11:46 (1)		87.2
		Day 57	2020-09-04 09:42 (26)		87.2
US2081100	Body Mass Index (kg/m2)	Screening	2020-06-22 12:25 (-10)	Yes	29.9
		Day 57	2020-09-10 11:24 (39)		30.1
	Diastolic Blood Pressure (mmHg)	Screening	2020-06-22 12:25 (-10)		81
		Day 1/ PRE-DOSE	2020-07-02 13:15 (1)	Yes	82

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2081100	Diastolic Blood Pressure (mmHg)	Day 1/ POST-DOSE	2020-07-02 14:52 (1)		87
		Day 8	2020-07-09 14:21 (8)		99 G2 Diastolic Hypertension
		Day 15	2020-07-17 13:15 (16)		85
		Day 29/ PRE-DOSE	2020-08-03 09:30 (33)		84
		Day 29/ POST-DOSE	2020-08-03 11:11 (1)		88
		Day 36	2020-08-10 08:40 (8)		78
		Day 43	2020-08-17 10:10 (15)		85
		Day 57	2020-09-10 11:24 (39)		86
	Height (cm)	Screening	2020-06-22 12:25 (-10)		175.3
		Day 1/ PRE-DOSE	2020-07-02 13:15 (1)	Yes	175.3
		Day 1/ POST-DOSE	2020-07-02 14:52 (1)		175.3
		Day 29/ PRE-DOSE	2020-08-03 09:30 (33)		175.3
		Day 29/ POST-DOSE	2020-08-03 11:11 (1)		175.3
		Day 57	2020-09-10 11:24 (39)		175.3
	Pulse Rate (beats/min)	Screening	2020-06-22 12:25 (-10)		69

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2081100	Pulse Rate (beats/min)	Day 1/ PRE-DOSE	2020-07-02 13:15 (1)	Yes	76
		Day 1/ POST-DOSE	2020-07-02 14:52 (1)		68
		Day 8	2020-07-09 14:21 (8)		74
		Day 15	2020-07-17 13:15 (16)		68
		Day 29/ PRE-DOSE	2020-08-03 09:30 (33)		84
		Day 29/ POST-DOSE	2020-08-03 11:11 (1)		71
		Day 36	2020-08-10 08:40 (8)		64
		Day 43	2020-08-17 10:10 (15)		71
		Day 57	2020-09-10 11:24 (39)		75
	Respiratory Rate (breaths/min)	Screening	2020-06-22 12:25 (-10)		18 G1 Respiratory Rate Increased
		Day 1/ PRE-DOSE	2020-07-02 13:15 (1)	Yes	17 G1 Respiratory Rate Increased
		Day 1/ POST-DOSE	2020-07-02 14:52 (1)		18 G1 Respiratory Rate Increased
		Day 8	2020-07-09 14:21 (8)		14
		Day 15	2020-07-17 13:15 (16)		17 G1 Respiratory Rate Increased

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2

Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)

Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2081100	Respiratory Rate (breaths/min)	Day 29/ PRE-DOSE	2020-08-03 09:30 (33)		17 G1 Respiratory Rate Increased
		Day 29/ POST-DOSE	2020-08-03 11:11 (1)		17 G1 Respiratory Rate Increased
		Day 36	2020-08-10 08:40 (8)		15
		Day 43	2020-08-17 10:10 (15)		15
		Day 57	2020-09-10 11:24 (39)		16
	Systolic Blood Pressure (mmHg)	Screening	2020-06-22 12:25 (-10)		127
		Day 1/ PRE-DOSE	2020-07-02 13:15 (1)	Yes	139
		Day 1/ POST-DOSE	2020-07-02 14:52 (1)		133
		Day 8	2020-07-09 14:21 (8)		137
		Day 15	2020-07-17 13:15 (16)		139
		Day 29/ PRE-DOSE	2020-08-03 09:30 (33)		129
		Day 29/ POST-DOSE	2020-08-03 11:11 (1)		126
		Day 36	2020-08-10 08:40 (8)		120
		Day 43	2020-08-17 10:10 (15)		128
		Day 57	2020-09-10 11:24 (39)		130
	Temperature (C)	Screening	2020-06-22 12:25 (-10)		36.7

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2081100	Temperature (C)	Day 1/ PRE-DOSE	2020-07-02 13:15 (1)	Yes	36.8
		Day 1/ POST-DOSE	2020-07-02 14:52 (1)		36.8
		Day 8	2020-07-09 14:21 (8)		36.9
		Day 15	2020-07-17 13:15 (16)		36.6
		Day 29/ PRE-DOSE	2020-08-03 09:30 (33)		36.8
		Day 29/ POST-DOSE	2020-08-03 11:11 (1)		36.6
		Day 36	2020-08-10 08:40 (8)		37.2
		Day 43	2020-08-17 10:10 (15)		36.7
		Day 57	2020-09-10 11:24 (39)		37
	Weight (kg)	Screening	2020-06-22 12:25 (-10)		91.8
		Day 1/ PRE-DOSE	2020-07-02 13:15 (1)	Yes	90.9
		Day 1/ POST-DOSE	2020-07-02 14:52 (1)		90.9
		Day 29/ PRE-DOSE	2020-08-03 09:30 (33)		91.8
		Day 29/ POST-DOSE	2020-08-03 11:11 (1)		91.8
		Day 57	2020-09-10 11:24 (39)		92.4

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2011113	Body Mass Index (kg/m2)	Screening	2020-06-12 10:02 (-20)	Yes	27
		Day 57	2020-08-31 09:29 (33)		26.5
	Diastolic Blood Pressure (mmHg)	Screening	2020-06-12 10:02 (-20)		100 G2 Diastolic Hypertension
		Day 1/ PRE-DOSE	2020-07-02 10:33 (1)	Yes	86
		Day 1/ POST-DOSE	2020-07-02 12:54 (1)		88
		Day 8	2020-07-09 09:32 (8)		78
		Day 15	2020-07-16 09:44 (15)		82
		Day 29/ PRE-DOSE	2020-07-30 10:30 (29)		90
		Day 29/ POST-DOSE	2020-07-30 13:36 (1)		68
		Day 36	2020-08-06 09:52 (8)		83
		Day 43	2020-08-13 09:18 (15)		81
		Day 57	2020-08-31 09:29 (33)		76
	Height (cm)	Screening	2020-06-12 10:02 (-20)		149.9
		Day 1/ PRE-DOSE	2020-07-02 10:33 (1)	Yes	149.9
		Day 1/ POST-DOSE	2020-07-02 12:54 (1)		149.9

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2

Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)

Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2011113	Height (cm)	Day 29/ PRE-DOSE	2020-07-30 10:30 (29)		149.9
		Day 29/ POST-DOSE	2020-07-30 13:36 (1)		149.9
		Day 57	2020-08-31 09:29 (33)		149.9
	Pulse Rate (beats/min)	Screening	2020-06-12 10:02 (-20)		82
		Day 1/ PRE-DOSE	2020-07-02 10:33 (1)	Yes	78
		Day 1/ POST-DOSE	2020-07-02 12:54 (1)		76
		Day 8	2020-07-09 09:32 (8)		88
		Day 15	2020-07-16 09:44 (15)		86
		Day 29/ PRE-DOSE	2020-07-30 10:30 (29)		88
		Day 29/ POST-DOSE	2020-07-30 13:36 (1)		59
		Day 36	2020-08-06 09:52 (8)		84
		Day 43	2020-08-13 09:18 (15)		82
		Day 57	2020-08-31 09:29 (33)		80
	Respiratory Rate (breaths/min)	Screening	2020-06-12 10:02 (-20)		16
		Day 1/ PRE-DOSE	2020-07-02 10:33 (1)	Yes	14

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2011113	Respiratory Rate (breaths/min)	Day 1/ POST-DOSE	2020-07-02 12:54 (1)		14
		Day 8	2020-07-09 09:32 (8)		14
		Day 15	2020-07-16 09:44 (15)		14
		Day 29/ PRE-DOSE	2020-07-30 10:30 (29)		16
		Day 29/ POST-DOSE	2020-07-30 13:36 (1)		14
		Day 36	2020-08-06 09:52 (8)		16
		Day 43	2020-08-13 09:18 (15)		16
		Day 57	2020-08-31 09:29 (33)		14
	Systolic Blood Pressure (mmHg)	Screening	2020-06-12 10:02 (-20)		151 G2 Systolic Hypertension
		Day 1/ PRE-DOSE	2020-07-02 10:33 (1)	Yes	120
		Day 1/ POST-DOSE	2020-07-02 12:54 (1)		122
		Day 8	2020-07-09 09:32 (8)		117
		Day 15	2020-07-16 09:44 (15)		132
		Day 29/ PRE-DOSE	2020-07-30 10:30 (29)		140
		Day 29/ POST-DOSE	2020-07-30 13:36 (1)		128

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2

Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)

Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2011113	Systolic Blood Pressure (mmHg)	Day 36	2020-08-06 09:52 (8)		151 G2 Systolic Hypertension
		Day 43	2020-08-13 09:18 (15)		143 G1 Systolic Hypertension
		Day 57	2020-08-31 09:29 (33)		132
	Temperature (C)	Screening	2020-06-12 10:02 (-20)		36.8
		Day 1/ PRE-DOSE	2020-07-02 10:33 (1)	Yes	36.8
		Day 1/ POST-DOSE	2020-07-02 12:54 (1)		36.7
		Day 8	2020-07-09 09:32 (8)		36.7
		Day 15	2020-07-16 09:44 (15)		36.9
		Day 29/ PRE-DOSE	2020-07-30 10:30 (29)		36.9
		Day 29/ POST-DOSE	2020-07-30 13:36 (1)		36.4
		Day 36	2020-08-06 09:52 (8)		36.6
		Day 43	2020-08-13 09:18 (15)		36.7
		Day 57	2020-08-31 09:29 (33)		36.8
	Weight (kg)	Screening	2020-06-12 10:02 (-20)		60.5
		Day 1/ PRE-DOSE	2020-07-02 10:33 (1)	Yes	60

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2011113	Weight (kg)	Day 1/ POST-DOSE	2020-07-02 12:54 (1)		60
		Day 29/ PRE-DOSE	2020-07-30 10:30 (29)		59.8
		Day 29/ POST-DOSE	2020-07-30 13:36 (1)		59.8
		Day 57	2020-08-31 09:29 (33)		59.5
US2011121	Body Mass Index (kg/m2)	Screening	2020-06-15 13:40 (-17)	Yes	27.9
		Day 57	2020-08-28 10:00 (30)		27.1
	Diastolic Blood Pressure (mmHg)	Screening	2020-06-15 13:40 (-17)		77
		Day 1/ PRE-DOSE	2020-07-02 14:41 (1)	Yes	81
		Day 1/ POST-DOSE	2020-07-02 17:01 (1)		80
		Day 8	2020-07-09 13:21 (8)		78
		Day 15	2020-07-16 13:23 (15)		78
		Day 29/ PRE-DOSE	2020-07-30 13:47 (29)		68
		Day 29/ POST-DOSE	2020-07-30 16:06 (1)		72
		Day 36	2020-08-06 14:23 (8)		73
		Day 43	2020-08-14 16:43 (16)		85

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2011121	Diastolic Blood Pressure (mmHg)	Day 57	2020-08-28 10:00 (30)		82
	Height (cm)	Screening	2020-06-15 13:40 (-17)		168.9
		Day 1/ PRE-DOSE	2020-07-02 14:41 (1)	Yes	170.2
		Day 1/ POST-DOSE	2020-07-02 17:01 (1)		170.2
		Day 29/ PRE-DOSE	2020-07-30 13:47 (29)		170.2
		Day 29/ POST-DOSE	2020-07-30 16:06 (1)		170.2
		Day 57	2020-08-28 10:00 (30)		170.2
	Pulse Rate (beats/min)	Screening	2020-06-15 13:40 (-17)		76
		Day 1/ PRE-DOSE	2020-07-02 14:41 (1)	Yes	77
		Day 1/ POST-DOSE	2020-07-02 17:01 (1)		66
		Day 8	2020-07-09 13:21 (8)		78
		Day 15	2020-07-16 13:23 (15)		81
		Day 29/ PRE-DOSE	2020-07-30 13:47 (29)		48 G2 Bradycardia
		Day 29/ POST-DOSE	2020-07-30 16:06 (1)		56
		Day 36	2020-08-06 14:23 (8)		82

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2011121	Pulse Rate (beats/min)	Day 43	2020-08-14 16:43 (16)		74
		Day 57	2020-08-28 10:00 (30)		61
	Respiratory Rate (breaths/min)	Screening	2020-06-15 13:40 (-17)		14
		Day 1/ PRE-DOSE	2020-07-02 14:41 (1)	Yes	14
		Day 1/ POST-DOSE	2020-07-02 17:01 (1)		16
		Day 8	2020-07-09 13:21 (8)		14
		Day 15	2020-07-16 13:23 (15)		14
		Day 29/ PRE-DOSE	2020-07-30 13:47 (29)		14
		Day 29/ POST-DOSE	2020-07-30 16:06 (1)		14
		Day 36	2020-08-06 14:23 (8)		18 G1 Respiratory Rate Increased
		Day 43	2020-08-14 16:43 (16)		14
		Day 57	2020-08-28 10:00 (30)		14
	Systolic Blood Pressure (mmHg)	Screening	2020-06-15 13:40 (-17)		113
		Day 1/ PRE-DOSE	2020-07-02 14:41 (1)	Yes	117
		Day 1/ POST-DOSE	2020-07-02 17:01 (1)		114
		Day 8	2020-07-09 13:21 (8)		106

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2

Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)

Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2011121	Systolic Blood Pressure (mmHg)	Day 15	2020-07-16 13:23 (15)		111
		Day 29/ PRE-DOSE	2020-07-30 13:47 (29)		122
		Day 29/ POST-DOSE	2020-07-30 16:06 (1)		124
		Day 36	2020-08-06 14:23 (8)		100
		Day 43	2020-08-14 16:43 (16)		111
		Day 57	2020-08-28 10:00 (30)		130
	Temperature (C)	Screening	2020-06-15 13:40 (-17)		36.8
		Day 1/ PRE-DOSE	2020-07-02 14:41 (1)	Yes	37
		Day 1/ POST-DOSE	2020-07-02 17:01 (1)		36.8
		Day 8	2020-07-09 13:21 (8)		37.3
		Day 15	2020-07-16 13:23 (15)		37
		Day 29/ PRE-DOSE	2020-07-30 13:47 (29)		36.9
		Day 29/ POST-DOSE	2020-07-30 16:06 (1)		36.8
		Day 36	2020-08-06 14:23 (8)		37
		Day 43	2020-08-14 16:43 (16)		37.1
		Day 57	2020-08-28 10:00 (30)		36.4
	Weight (kg)	Screening	2020-06-15 13:40 (-17)		79.7

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2011121	Weight (kg)	Day 1/ PRE-DOSE	2020-07-02 14:41 (1)	Yes	78.5
		Day 1/ POST-DOSE	2020-07-02 17:01 (1)		78.5
		Day 29/ PRE-DOSE	2020-07-30 13:47 (29)		79.1
		Day 29/ POST-DOSE	2020-07-30 16:06 (1)		79.1
		Day 57	2020-08-28 10:00 (30)		78.5
US2021114	Body Mass Index (kg/m2)	Screening	2020-05-29 09:20 (-28)	Yes	25.9
		Day 57	2020-08-25 10:26 (28)		26.7
	Diastolic Blood Pressure (mmHg)	Screening	2020-05-29 09:20 (-28)		74
		Day 1/ PRE-DOSE	2020-06-26 08:15 (1)	Yes	79
		Day 1/ POST-DOSE	2020-06-26 10:33 (1)		79
		Day 8	2020-07-06 08:10 (11)		70
		Day 15	2020-07-09 10:43 (14)		76
		Day 29/ PRE-DOSE	2020-07-29 09:14 (34)		78
		Day 29/ POST-DOSE	2020-07-29 11:27 (1)		78

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2021114	Diastolic Blood Pressure (mmHg)	Day 36	2020-08-07 10:00 (10)		71
		Day 43	2020-08-11 08:54 (14)		67
		Day 57	2020-08-25 10:26 (28)		76
	Height (cm)	Screening	2020-05-29 09:20 (-28)		183
		Day 1/ PRE-DOSE	2020-06-26 08:15 (1)	Yes	183
		Day 1/ POST-DOSE	2020-06-26 10:33 (1)		183
		Day 29/ PRE-DOSE	2020-07-29 09:14 (34)		183
		Day 29/ POST-DOSE	2020-07-29 11:27 (1)		183
		Day 57	2020-08-25 10:26 (28)		183
	Pulse Rate (beats/min)	Screening	2020-05-29 09:20 (-28)		55
		Day 1/ PRE-DOSE	2020-06-26 08:15 (1)	Yes	56
		Day 1/ POST-DOSE	2020-06-26 10:33 (1)		54 G1 Bradycardia
		Day 8	2020-07-06 08:10 (11)		68
		Day 15	2020-07-09 10:43 (14)		53 G1 Bradycardia
		Day 29/ PRE-DOSE	2020-07-29 09:14 (34)		53 G1 Bradycardia

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2021114	Pulse Rate (beats/min)	Day 29/ POST-DOSE	2020-07-29 11:27 (1)		61
		Day 36	2020-08-07 10:00 (10)		58
		Day 43	2020-08-11 08:54 (14)		58
		Day 57	2020-08-25 10:26 (28)		49 G2 Bradycardia
	Respiratory Rate (breaths/min)	Screening	2020-05-29 09:20 (-28)		18 G1 Respiratory Rate Increased
		Day 1/ PRE-DOSE	2020-06-26 08:15 (1)	Yes	14
		Day 1/ POST-DOSE	2020-06-26 10:33 (1)		14
		Day 8	2020-07-06 08:10 (11)		16
		Day 15	2020-07-09 10:43 (14)		15
		Day 29/ PRE-DOSE	2020-07-29 09:14 (34)		14
		Day 29/ POST-DOSE	2020-07-29 11:27 (1)		14
		Day 36	2020-08-07 10:00 (10)		13
		Day 43	2020-08-11 08:54 (14)		16
		Day 57	2020-08-25 10:26 (28)		14
	Systolic Blood Pressure (mmHg)	Screening	2020-05-29 09:20 (-28)		126
		Day 1/ PRE-DOSE	2020-06-26 08:15 (1)	Yes	147 G1 Systolic Hypertension

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2021114	Systolic Blood Pressure (mmHg)	Day 1/ POST-DOSE	2020-06-26 10:33 (1)		139
		Day 8	2020-07-06 08:10 (11)		128
		Day 15	2020-07-09 10:43 (14)		135
		Day 29/ PRE-DOSE	2020-07-29 09:14 (34)		135
		Day 29/ POST-DOSE	2020-07-29 11:27 (1)		118
		Day 36	2020-08-07 10:00 (10)		138
		Day 43	2020-08-11 08:54 (14)		131
		Day 57	2020-08-25 10:26 (28)		129
	Temperature (C)	Screening	2020-05-29 09:20 (-28)		37
		Day 1/ PRE-DOSE	2020-06-26 08:15 (1)	Yes	37.1
		Day 1/ POST-DOSE	2020-06-26 10:33 (1)		36.1
		Day 8	2020-07-06 08:10 (11)		36.7
		Day 15	2020-07-09 10:43 (14)		36.7
		Day 29/ PRE-DOSE	2020-07-29 09:14 (34)		36.7
		Day 29/ POST-DOSE	2020-07-29 11:27 (1)		36.6
		Day 36	2020-08-07 10:00 (10)		36.8

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2021114	Temperature (C)	Day 43	2020-08-11 08:54 (14)		37
		Day 57	2020-08-25 10:26 (28)		37
	Weight (kg)	Screening	2020-05-29 09:20 (-28)		86.8
		Day 1/ PRE-DOSE	2020-06-26 08:15 (1)	Yes	88.7
		Day 1/ POST-DOSE	2020-06-26 10:33 (1)		88.7
		Day 29/ PRE-DOSE	2020-07-29 09:14 (34)		88.7
		Day 29/ POST-DOSE	2020-07-29 11:27 (1)		88.7
		Day 57	2020-08-25 10:26 (28)		89.5
US2041117	Body Mass Index (kg/m2)	Screening	2020-06-11 13:49 (-15)	Yes	25
		Day 57	2020-08-25 17:19 (29)		25
	Diastolic Blood Pressure (mmHg)	Screening	2020-06-11 13:49 (-15)		84
		Day 1/ PRE-DOSE	2020-06-26 14:12 (1)	Yes	86
		Day 1/ POST-DOSE	2020-06-26 16:14 (1)		82
		Day 8	2020-07-06 08:13 (11)		78
		Day 15	2020-07-13 08:12 (18)		68

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2041117	Diastolic Blood Pressure (mmHg)	Day 29/ PRE-DOSE	2020-07-28 15:43 (33)		78
		Day 29/ POST-DOSE	2020-07-28 17:15 (1)		86
		Day 36	2020-08-04 14:44 (8)		76
		Day 43	2020-08-11 14:07 (15)		74
		Day 57	2020-08-25 17:19 (29)		78
	Height (cm)	Screening	2020-06-11 13:49 (-15)		172.5
		Day 1/ PRE-DOSE	2020-06-26 14:12 (1)	Yes	172.5
		Day 1/ POST-DOSE	2020-06-26 16:14 (1)		172.5
		Day 29/ PRE-DOSE	2020-07-28 15:43 (33)		172.5
		Day 29/ POST-DOSE	2020-07-28 17:15 (1)		172.5
		Day 57	2020-08-25 17:19 (29)		172.5
	Pulse Rate (beats/min)	Screening	2020-06-11 13:49 (-15)		62
		Day 1/ PRE-DOSE	2020-06-26 14:12 (1)	Yes	84
		Day 1/ POST-DOSE	2020-06-26 16:14 (1)		84
		Day 8	2020-07-06 08:13 (11)		75

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2041117	Pulse Rate (beats/min)	Day 15	2020-07-13 08:12 (18)		78
		Day 29/ PRE-DOSE	2020-07-28 15:43 (33)		86
		Day 29/ POST-DOSE	2020-07-28 17:15 (1)		75
		Day 36	2020-08-04 14:44 (8)		77
		Day 43	2020-08-11 14:07 (15)		69
		Day 57	2020-08-25 17:19 (29)		74
	Respiratory Rate (breaths/min)	Screening	2020-06-11 13:49 (-15)		12
		Day 1/ PRE-DOSE	2020-06-26 14:12 (1)	Yes	16
		Day 1/ POST-DOSE	2020-06-26 16:14 (1)		18 G1 Respiratory Rate Increased
		Day 8	2020-07-06 08:13 (11)		16
		Day 15	2020-07-13 08:12 (18)		14
		Day 29/ PRE-DOSE	2020-07-28 15:43 (33)		14
		Day 29/ POST-DOSE	2020-07-28 17:15 (1)		14
		Day 36	2020-08-04 14:44 (8)		14
		Day 43	2020-08-11 14:07 (15)		14
		Day 57	2020-08-25 17:19 (29)		14
	Systolic Blood Pressure (mmHg)	Screening	2020-06-11 13:49 (-15)		124

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2041117	Systolic Blood Pressure (mmHg)	Day 1/ PRE-DOSE	2020-06-26 14:12 (1)	Yes	136
		Day 1/ POST-DOSE	2020-06-26 16:14 (1)		132
		Day 8	2020-07-06 08:13 (11)		152 G2 Systolic Hypertension
		Day 15	2020-07-13 08:12 (18)		140
		Day 29/ PRE-DOSE	2020-07-28 15:43 (33)		134
		Day 29/ POST-DOSE	2020-07-28 17:15 (1)		141 G1 Systolic Hypertension
		Day 36	2020-08-04 14:44 (8)		136
		Day 43	2020-08-11 14:07 (15)		116
		Day 57	2020-08-25 17:19 (29)		126
	Temperature (C)	Screening	2020-06-11 13:49 (-15)		36.7
		Day 1/ PRE-DOSE	2020-06-26 14:12 (1)	Yes	36.8
		Day 1/ POST-DOSE	2020-06-26 16:14 (1)		36.4
		Day 8	2020-07-06 08:13 (11)		36.6
		Day 15	2020-07-13 08:12 (18)		36.4
		Day 29/ PRE-DOSE	2020-07-28 15:43 (33)		37.2

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2041117	Temperature (C)	Day 29/ POST-DOSE	2020-07-28 17:15 (1)		36.8
		Day 36	2020-08-04 14:44 (8)		36.6
		Day 43	2020-08-11 14:07 (15)		36.8
		Day 57	2020-08-25 17:19 (29)		36.6
	Weight (kg)	Screening	2020-06-11 13:49 (-15)		74.4
		Day 1/ PRE-DOSE	2020-06-26 14:12 (1)	Yes	74.7
		Day 1/ POST-DOSE	2020-06-26 16:14 (1)		74.7
		Day 29/ PRE-DOSE	2020-07-28 15:43 (33)		74.7
		Day 29/ POST-DOSE	2020-07-28 17:15 (1)		74.7
		Day 57	2020-08-25 17:19 (29)		74.5
US2041120	Body Mass Index (kg/m2)	Screening	2020-06-11 15:47 (-19)	Yes	25.2
		Day 57	2020-08-24 08:06 (28)		25.1
	Diastolic Blood Pressure (mmHg)	Screening	2020-06-11 15:47 (-19)		79
		Day 1/ PRE-DOSE	2020-06-30 13:26 (1)	Yes	66
		Day 1/ POST-DOSE	2020-06-30 15:26 (1)		75

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2041120	Diastolic Blood Pressure (mmHg)	Day 8	2020-07-07 15:35 (8)		69
		Day 15	2020-07-14 08:00 (15)		68
		Day 29/ PRE-DOSE	2020-07-28 09:19 (29)		73
		Day 29/ POST-DOSE	2020-07-28 10:46 (1)		82
		Day 36	2020-08-04 08:18 (8)		70
		Day 43	2020-08-10 08:28 (14)		70
		Day 57	2020-08-24 08:06 (28)		82
	Height (cm)	Screening	2020-06-11 15:47 (-19)		169.9
		Day 1/ PRE-DOSE	2020-06-30 13:26 (1)	Yes	169.9
		Day 1/ POST-DOSE	2020-06-30 15:26 (1)		169.9
		Day 29/ PRE-DOSE	2020-07-28 09:19 (29)		169.9
		Day 29/ POST-DOSE	2020-07-28 10:46 (1)		169.9
		Day 57	2020-08-24 08:06 (28)		169.9
	Pulse Rate (beats/min)	Screening	2020-06-11 15:47 (-19)		60
		Day 1/ PRE-DOSE	2020-06-30 13:26 (1)	Yes	58

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2

Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)

Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2041120	Pulse Rate (beats/min)	Day 1/ POST-DOSE	2020-06-30 15:26 (1)		50 G1 Bradycardia
		Day 8	2020-07-07 15:35 (8)		59
		Day 15	2020-07-14 08:00 (15)		62
		Day 29/ PRE-DOSE	2020-07-28 09:19 (29)		56
		Day 29/ POST-DOSE	2020-07-28 10:46 (1)		60
		Day 36	2020-08-04 08:18 (8)		74
		Day 43	2020-08-10 08:28 (14)		62
		Day 57	2020-08-24 08:06 (28)		60
	Respiratory Rate (breaths/min)	Screening	2020-06-11 15:47 (-19)		14
		Day 1/ PRE-DOSE	2020-06-30 13:26 (1)	Yes	14
		Day 1/ POST-DOSE	2020-06-30 15:26 (1)		14
		Day 8	2020-07-07 15:35 (8)		18 G1 Respiratory Rate Increased
		Day 15	2020-07-14 08:00 (15)		14
		Day 29/ PRE-DOSE	2020-07-28 09:19 (29)		14
		Day 29/ POST-DOSE	2020-07-28 10:46 (1)		14

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2

Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)

Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2041120	Respiratory Rate (breaths/min)	Day 36	2020-08-04 08:18 (8)		14
		Day 43	2020-08-10 08:28 (14)		16
		Day 57	2020-08-24 08:06 (28)		14
	Systolic Blood Pressure (mmHg)	Screening	2020-06-11 15:47 (-19)		134
		Day 1/ PRE-DOSE	2020-06-30 13:26 (1)	Yes	128
		Day 1/ POST-DOSE	2020-06-30 15:26 (1)		151 G2 Systolic Hypertension
		Day 8	2020-07-07 15:35 (8)		129
		Day 15	2020-07-14 08:00 (15)		110
		Day 29/ PRE-DOSE	2020-07-28 09:19 (29)		153 G2 Systolic Hypertension
		Day 29/ POST-DOSE	2020-07-28 10:46 (1)		134
		Day 36	2020-08-04 08:18 (8)		117
		Day 43	2020-08-10 08:28 (14)		118
		Day 57	2020-08-24 08:06 (28)		140
	Temperature (C)	Screening	2020-06-11 15:47 (-19)		36.9
		Day 1/ PRE-DOSE	2020-06-30 13:26 (1)	Yes	36.9
		Day 1/ POST-DOSE	2020-06-30 15:26 (1)		36.8
		Day 8	2020-07-07 15:35 (8)		36.8

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2041120	Temperature (C)	Day 15	2020-07-14 08:00 (15)		36.7
		Day 29/ PRE-DOSE	2020-07-28 09:19 (29)		37.1
		Day 29/ POST-DOSE	2020-07-28 10:46 (1)		36.9
		Day 36	2020-08-04 08:18 (8)		37.2
		Day 43	2020-08-10 08:28 (14)		36.8
		Day 57	2020-08-24 08:06 (28)		37.1
	Weight (kg)	Screening	2020-06-11 15:47 (-19)		72.6
		Day 1/ PRE-DOSE	2020-06-30 13:26 (1)	Yes	72.8
		Day 1/ POST-DOSE	2020-06-30 15:26 (1)		72.8
		Day 29/ PRE-DOSE	2020-07-28 09:19 (29)		72.8
		Day 29/ POST-DOSE	2020-07-28 10:46 (1)		72.8
		Day 57	2020-08-24 08:06 (28)		72.5
US2041138	Body Mass Index (kg/m2)	Screening	2020-06-16 08:26 (-10)	Yes	30
		Day 57	2020-08-18 10:12 (26)		30.7
	Diastolic Blood Pressure (mmHg)	Screening	2020-06-16 08:26 (-10)		87

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2

Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)

Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2041138	Diastolic Blood Pressure (mmHg)	Day 1/ PRE-DOSE	2020-06-26 13:57 (1)	Yes	82
		Day 1/ POST-DOSE	2020-06-26 15:44 (1)		80
		Day 8	2020-07-06 14:29 (11)		88
		Day 15	2020-07-09 12:58 (14)		82
		Day 29/ PRE-DOSE	2020-07-24 10:09 (29)		82
		Day 29/ POST-DOSE	2020-07-24 12:40 (1)		87
		Day 36	2020-07-31 10:53 (8)		82
		Day 43	2020-08-07 10:05 (15)		76
		Day 57	2020-08-18 10:12 (26)		88
	Height (cm)	Screening	2020-06-16 08:26 (-10)		187
		Day 1/ PRE-DOSE	2020-06-26 13:57 (1)	Yes	187
		Day 1/ POST-DOSE	2020-06-26 15:44 (1)		187
		Day 29/ PRE-DOSE	2020-07-24 10:09 (29)		187
		Day 29/ POST-DOSE	2020-07-24 12:40 (1)		187
		Day 57	2020-08-18 10:12 (26)		187

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2041138	Pulse Rate (beats/min)	Screening	2020-06-16 08:26 (-10)		74
		Day 1/ PRE-DOSE	2020-06-26 13:57 (1)	Yes	80
		Day 1/ POST-DOSE	2020-06-26 15:44 (1)		67
		Day 8	2020-07-06 14:29 (11)		81
		Day 15	2020-07-09 12:58 (14)		90
		Day 29/ PRE-DOSE	2020-07-24 10:09 (29)		68
		Day 29/ POST-DOSE	2020-07-24 12:40 (1)		64
		Day 36	2020-07-31 10:53 (8)		80
		Day 43	2020-08-07 10:05 (15)		72
		Day 57	2020-08-18 10:12 (26)		64
	Respiratory Rate (breaths/min)	Screening	2020-06-16 08:26 (-10)		14
		Day 1/ PRE-DOSE	2020-06-26 13:57 (1)	Yes	14
		Day 1/ POST-DOSE	2020-06-26 15:44 (1)		14
		Day 8	2020-07-06 14:29 (11)		14
		Day 15	2020-07-09 12:58 (14)		14
		Day 29/ PRE-DOSE	2020-07-24 10:09 (29)		14

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2041138	Respiratory Rate (breaths/min)	Day 29/ POST-DOSE	2020-07-24 12:40 (1)		14
		Day 36	2020-07-31 10:53 (8)		14
		Day 43	2020-08-07 10:05 (15)		14
		Day 57	2020-08-18 10:12 (26)		14
	Systolic Blood Pressure (mmHg)	Screening	2020-06-16 08:26 (-10)		144 G1 Systolic Hypertension
		Day 1/ PRE-DOSE	2020-06-26 13:57 (1)	Yes	140
		Day 1/ POST-DOSE	2020-06-26 15:44 (1)		130
		Day 8	2020-07-06 14:29 (11)		132
		Day 15	2020-07-09 12:58 (14)		146 G1 Systolic Hypertension
		Day 29/ PRE-DOSE	2020-07-24 10:09 (29)		152 G2 Systolic Hypertension
		Day 29/ POST-DOSE	2020-07-24 12:40 (1)		151 G2 Systolic Hypertension
		Day 36	2020-07-31 10:53 (8)		136
		Day 43	2020-08-07 10:05 (15)		128
		Day 57	2020-08-18 10:12 (26)		136
	Temperature (C)	Screening	2020-06-16 08:26 (-10)		36.8

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2041138	Temperature (C)	Day 1/ PRE-DOSE	2020-06-26 13:57 (1)	Yes	36.6
		Day 1/ POST-DOSE	2020-06-26 15:44 (1)		36.5
		Day 8	2020-07-06 14:29 (11)		36.9
		Day 15	2020-07-09 12:58 (14)		36.6
		Day 29/ PRE-DOSE	2020-07-24 10:09 (29)		36.6
		Day 29/ POST-DOSE	2020-07-24 12:40 (1)		36.6
		Day 36	2020-07-31 10:53 (8)		36.6
		Day 43	2020-08-07 10:05 (15)		35.7
		Day 57	2020-08-18 10:12 (26)		36.7
	Weight (kg)	Screening	2020-06-16 08:26 (-10)		105
		Day 1/ PRE-DOSE	2020-06-26 13:57 (1)	Yes	105.4
		Day 1/ POST-DOSE	2020-06-26 15:44 (1)		105.4
		Day 29/ PRE-DOSE	2020-07-24 10:09 (29)		107.4
		Day 29/ POST-DOSE	2020-07-24 12:40 (1)		107.4
		Day 57	2020-08-18 10:12 (26)		107.3

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2

Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)

Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2051069	Body Mass Index (kg/m2)	Screening	2020-06-18 09:10 (-8)	Yes	20.8
		Day 57	2020-08-26 08:45 (30)		20.8
	Diastolic Blood Pressure (mmHg)	Screening	2020-06-18 09:10 (-8)		61
		Day 1/ PRE-DOSE	2020-06-26 12:46 (1)	Yes	59
		Day 1/ POST-DOSE	2020-06-26 14:55 (1)		68
		Day 8	2020-07-06 14:50 (11)		80
		Day 15	2020-07-07 10:36 (12)		65
		Day 29/ PRE-DOSE	2020-07-28 08:13 (33)		71
		Day 29/ POST-DOSE	2020-07-28 10:17 (1)		77
		Day 36	2020-08-03 08:08 (7)		90
		Day 43	2020-08-07 12:28 (11)		72
		Day 57	2020-08-26 08:45 (30)		70
	Height (cm)	Screening	2020-06-18 09:10 (-8)		175.5
		Day 1/ PRE-DOSE	2020-06-26 12:46 (1)	Yes	175.4
		Day 1/ POST-DOSE	2020-06-26 14:55 (1)		175.4
		Day 29/ PRE-DOSE	2020-07-28 08:13 (33)		175.4

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2051069	Height (cm)	Day 29/ POST-DOSE	2020-07-28 10:17 (1)		175.4
		Day 57	2020-08-26 08:45 (30)		175.4
	Pulse Rate (beats/min)	Screening	2020-06-18 09:10 (-8)		46 G2 Bradycardia
		Day 1/ PRE-DOSE	2020-06-26 12:46 (1)	Yes	55
		Day 1/ POST-DOSE	2020-06-26 14:55 (1)		49 G2 Bradycardia
		Day 8	2020-07-06 14:50 (11)		48 G2 Bradycardia
		Day 15	2020-07-07 10:36 (12)		48 G2 Bradycardia
		Day 29/ PRE-DOSE	2020-07-28 08:13 (33)		56
		Day 29/ POST-DOSE	2020-07-28 10:17 (1)		55
		Day 36	2020-08-03 08:08 (7)		54 G1 Bradycardia
		Day 43	2020-08-07 12:28 (11)		52 G1 Bradycardia
		Day 57	2020-08-26 08:45 (30)		49 G2 Bradycardia
	Respiratory Rate (breaths/min)	Screening	2020-06-18 09:10 (-8)		16
		Day 1/ PRE-DOSE	2020-06-26 12:46 (1)	Yes	14
		Day 1/ POST-DOSE	2020-06-26 14:55 (1)		14
		Day 8	2020-07-06 14:50 (11)		15

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2051069	Respiratory Rate (breaths/min)	Day 15	2020-07-07 10:36 (12)		15
		Day 29/ PRE-DOSE	2020-07-28 08:13 (33)		14
		Day 29/ POST-DOSE	2020-07-28 10:17 (1)		16
		Day 36	2020-08-03 08:08 (7)		16
		Day 43	2020-08-07 12:28 (11)		16
		Day 57	2020-08-26 08:45 (30)		12
	Systolic Blood Pressure (mmHg)	Screening	2020-06-18 09:10 (-8)		111
		Day 1/ PRE-DOSE	2020-06-26 12:46 (1)	Yes	103
		Day 1/ POST-DOSE	2020-06-26 14:55 (1)		109
		Day 8	2020-07-06 14:50 (11)		130
		Day 15	2020-07-07 10:36 (12)		120
		Day 29/ PRE-DOSE	2020-07-28 08:13 (33)		108
		Day 29/ POST-DOSE	2020-07-28 10:17 (1)		127
		Day 36	2020-08-03 08:08 (7)		129
		Day 43	2020-08-07 12:28 (11)		121
		Day 57	2020-08-26 08:45 (30)		113
	Temperature (C)	Screening	2020-06-18 09:10 (-8)		36.8

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2051069	Temperature (C)	Day 1/ PRE-DOSE	2020-06-26 12:46 (1)	Yes	36.9
		Day 1/ POST-DOSE	2020-06-26 14:55 (1)		36.4
		Day 8	2020-07-06 14:50 (11)		36.6
		Day 15	2020-07-07 10:36 (12)		36.6
		Day 29/ PRE-DOSE	2020-07-28 08:13 (33)		36.2
		Day 29/ POST-DOSE	2020-07-28 10:17 (1)		36.5
		Day 36	2020-08-03 08:08 (7)		36.6
		Day 43	2020-08-07 12:28 (11)		36.9
		Day 57	2020-08-26 08:45 (30)		36.3
	Weight (kg)	Screening	2020-06-18 09:10 (-8)		64.1
		Day 1/ PRE-DOSE	2020-06-26 12:46 (1)	Yes	64
		Day 1/ POST-DOSE	2020-06-26 14:55 (1)		64
		Day 29/ PRE-DOSE	2020-07-28 08:13 (33)		64
		Day 29/ POST-DOSE	2020-07-28 10:17 (1)		64
		Day 57	2020-08-26 08:45 (30)		64

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2

Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)

Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2051101	Body Mass Index (kg/m2)	Screening	2020-06-30 09:26 (-6)	Yes	28.5
		Day 57	2020-09-10 15:05 (32)		28.6
	Diastolic Blood Pressure (mmHg)	Screening	2020-06-30 09:26 (-6)		90
		Day 1/ PRE-DOSE	2020-07-06 08:29 (1)	Yes	88
		Day 1/ POST-DOSE	2020-07-06 10:42 (1)		97 G2 Diastolic Hypertension
		Day 8	2020-07-15 08:15 (10)		90
		Day 15	2020-07-22 08:13 (17)		91 G1 Diastolic Hypertension
		Day 29/ PRE-DOSE	2020-08-10 08:23 (36)		92 G1 Diastolic Hypertension
		Day 29/ POST-DOSE	2020-08-10 10:23 (1)		95 G1 Diastolic Hypertension
		Day 36	2020-08-17 08:27 (8)		74
		Day 43	2020-08-26 14:50 (17)		91 G1 Diastolic Hypertension
		Day 57	2020-09-10 15:05 (32)		93 G1 Diastolic Hypertension
	Height (cm)	Screening	2020-06-30 09:26 (-6)		171.2
		Day 1/ PRE-DOSE	2020-07-06 08:29 (1)	Yes	171.2

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2051101	Height (cm)	Day 1/ POST-DOSE	2020-07-06 10:42 (1)		171.2
		Day 29/ PRE-DOSE	2020-08-10 08:23 (36)		171.3
		Day 29/ POST-DOSE	2020-08-10 10:23 (1)		171.3
		Day 57	2020-09-10 15:05 (32)		171.3
	Pulse Rate (beats/min)	Screening	2020-06-30 09:26 (-6)		66
		Day 1/ PRE-DOSE	2020-07-06 08:29 (1)	Yes	74
		Day 1/ POST-DOSE	2020-07-06 10:42 (1)		60
		Day 8	2020-07-15 08:15 (10)		69
		Day 15	2020-07-22 08:13 (17)		75
		Day 29/ PRE-DOSE	2020-08-10 08:23 (36)		74
		Day 29/ POST-DOSE	2020-08-10 10:23 (1)		67
		Day 36	2020-08-17 08:27 (8)		73
		Day 43	2020-08-26 14:50 (17)		74
		Day 57	2020-09-10 15:05 (32)		66
	Respiratory Rate (breaths/min)	Screening	2020-06-30 09:26 (-6)		15

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2051101	Respiratory Rate (breaths/min)	Day 1/ PRE-DOSE	2020-07-06 08:29 (1)	Yes	16
		Day 1/ POST-DOSE	2020-07-06 10:42 (1)		16
		Day 8	2020-07-15 08:15 (10)		15
		Day 15	2020-07-22 08:13 (17)		18 G1 Respiratory Rate Increased
		Day 29/ PRE-DOSE	2020-08-10 08:23 (36)		15
		Day 29/ POST-DOSE	2020-08-10 10:23 (1)		14
		Day 36	2020-08-17 08:27 (8)		16
		Day 43	2020-08-26 14:50 (17)		14
		Day 57	2020-09-10 15:05 (32)		16
	Systolic Blood Pressure (mmHg)	Screening	2020-06-30 09:26 (-6)		140
		Day 1/ PRE-DOSE	2020-07-06 08:29 (1)	Yes	141 G1 Systolic Hypertension
		Day 1/ POST-DOSE	2020-07-06 10:42 (1)		141 G1 Systolic Hypertension
		Day 8	2020-07-15 08:15 (10)		160 G3 Systolic Hypertension
		Day 15	2020-07-22 08:13 (17)		148 G1 Systolic Hypertension

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2051101	Systolic Blood Pressure (mmHg)	Day 29/ PRE-DOSE	2020-08-10 08:23 (36)		158 G3 Systolic Hypertension
		Day 29/ POST-DOSE	2020-08-10 10:23 (1)		161 G3 Systolic Hypertension
		Day 36	2020-08-17 08:27 (8)		135
		Day 43	2020-08-26 14:50 (17)		142 G1 Systolic Hypertension
		Day 57	2020-09-10 15:05 (32)		155 G2 Systolic Hypertension
	Temperature (C)	Screening	2020-06-30 09:26 (-6)		36.5
		Day 1/ PRE-DOSE	2020-07-06 08:29 (1)	Yes	36.8
		Day 1/ POST-DOSE	2020-07-06 10:42 (1)		36.7
		Day 8	2020-07-15 08:15 (10)		36.2
		Day 15	2020-07-22 08:13 (17)		36.4
		Day 29/ PRE-DOSE	2020-08-10 08:23 (36)		35.2
		Day 29/ POST-DOSE	2020-08-10 10:23 (1)		36.1
		Day 36	2020-08-17 08:27 (8)		36.7
		Day 43	2020-08-26 14:50 (17)		36.9
		Day 57	2020-09-10 15:05 (32)		36.2

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2051101	Weight (kg)	Screening	2020-06-30 09:26 (-6)		83.6
		Day 1/ PRE-DOSE	2020-07-06 08:29 (1)	Yes	83
		Day 1/ POST-DOSE	2020-07-06 10:42 (1)		83
		Day 29/ PRE-DOSE	2020-08-10 08:23 (36)		84
		Day 29/ POST-DOSE	2020-08-10 10:23 (1)		84
		Day 57	2020-09-10 15:05 (32)		84
US2081121	Body Mass Index (kg/m2)	Screening	2020-06-24 15:34 (-12)	Yes	26.9
		Day 57	2020-09-04 13:04 (26)		26.8
	Diastolic Blood Pressure (mmHg)	Screening	2020-06-24 15:34 (-12)		82
		Day 1/ PRE-DOSE	2020-07-06 09:05 (1)	Yes	88
		Day 1/ POST-DOSE	2020-07-06 10:54 (1)		77
		Day 8	2020-07-13 13:09 (8)		80
		Day 15	2020-07-17 09:05 (12)		70
		Day 29/ PRE-DOSE	2020-08-10 11:27 (36)		83

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2

Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)

Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2081121	Diastolic Blood Pressure (mmHg)	Day 29/ POST-DOSE	2020-08-10 14:00 (1)		97 G2 Diastolic Hypertension
		Day 36	2020-08-17 09:17 (8)		74
		Day 43	2020-08-24 12:01 (15)		78
		Day 57	2020-09-04 13:04 (26)		73
	Height (cm)	Screening	2020-06-24 15:34 (-12)		166.4
		Day 1/ PRE-DOSE	2020-07-06 09:05 (1)	Yes	166.4
		Day 1/ POST-DOSE	2020-07-06 10:54 (1)		166.4
		Day 29/ PRE-DOSE	2020-08-10 11:27 (36)		166.4
		Day 29/ POST-DOSE	2020-08-10 14:00 (1)		166.4
		Day 57	2020-09-04 13:04 (26)		166.4
	Pulse Rate (beats/min)	Screening	2020-06-24 15:34 (-12)		61
		Day 1/ PRE-DOSE	2020-07-06 09:05 (1)	Yes	68
		Day 1/ POST-DOSE	2020-07-06 10:54 (1)		52 G1 Bradycardia
		Day 8	2020-07-13 13:09 (8)		62
		Day 15	2020-07-17 09:05 (12)		73

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2
Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2081121	Pulse Rate (beats/min)	Day 29/ PRE-DOSE	2020-08-10 11:27 (36)		66
		Day 29/ POST-DOSE	2020-08-10 14:00 (1)		51 G1 Bradycardia
		Day 36	2020-08-17 09:17 (8)		74
		Day 43	2020-08-24 12:01 (15)		60
		Day 57	2020-09-04 13:04 (26)		66
	Respiratory Rate (breaths/min)	Screening	2020-06-24 15:34 (-12)		17 G1 Respiratory Rate Increased
		Day 1/ PRE-DOSE	2020-07-06 09:05 (1)	Yes	17 G1 Respiratory Rate Increased
		Day 1/ POST-DOSE	2020-07-06 10:54 (1)		18 G1 Respiratory Rate Increased
		Day 8	2020-07-13 13:09 (8)		18 G1 Respiratory Rate Increased
		Day 15	2020-07-17 09:05 (12)		18 G1 Respiratory Rate Increased
		Day 29/ PRE-DOSE	2020-08-10 11:27 (36)		16
		Day 29/ POST-DOSE	2020-08-10 14:00 (1)		12
		Day 36	2020-08-17 09:17 (8)		18 G1 Respiratory Rate Increased

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2

Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)

Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2081121	Respiratory Rate (breaths/min)	Day 43	2020-08-24 12:01 (15)		14
		Day 57	2020-09-04 13:04 (26)		16
	Systolic Blood Pressure (mmHg)	Screening	2020-06-24 15:34 (-12)		126
		Day 1/ PRE-DOSE	2020-07-06 09:05 (1)	Yes	140
		Day 1/ POST-DOSE	2020-07-06 10:54 (1)		142 G1 Systolic Hypertension
		Day 8	2020-07-13 13:09 (8)		138
		Day 15	2020-07-17 09:05 (12)		128
		Day 29/ PRE-DOSE	2020-08-10 11:27 (36)		142 G1 Systolic Hypertension
		Day 29/ POST-DOSE	2020-08-10 14:00 (1)		168 G3 Systolic Hypertension
		Day 36	2020-08-17 09:17 (8)		124
		Day 43	2020-08-24 12:01 (15)		146 G1 Systolic Hypertension
		Day 57	2020-09-04 13:04 (26)		128
	Temperature (C)	Screening	2020-06-24 15:34 (-12)		37.3
		Day 1/ PRE-DOSE	2020-07-06 09:05 (1)	Yes	36.7
		Day 1/ POST-DOSE	2020-07-06 10:54 (1)		36.7
		Day 8	2020-07-13 13:09 (8)		36.6

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.9.2

Subjects with Post-Baseline Abnormal Vital Sign Measurements Meeting the Toxicity Grading Criteria (Grade 2 or Higher)

Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Parameter	Visit/ Time Point	Date Time (Relative Day)	Baseline Flag	Result
US2081121	Temperature (C)	Day 15	2020-07-17 09:05 (12)		36.6
		Day 29/ PRE-DOSE	2020-08-10 11:27 (36)		36.8
		Day 29/ POST-DOSE	2020-08-10 14:00 (1)		36.6
		Day 36	2020-08-17 09:17 (8)		36.6
		Day 43	2020-08-24 12:01 (15)		36.6
		Day 57	2020-09-04 13:04 (26)		36.9
	Weight (kg)	Screening	2020-06-24 15:34 (-12)		74.5
		Day 1/ PRE-DOSE	2020-07-06 09:05 (1)	Yes	70
		Day 1/ POST-DOSE	2020-07-06 10:54 (1)		70
		Day 29/ PRE-DOSE	2020-08-10 11:27 (36)		75
		Day 29/ POST-DOSE	2020-08-10 14:00 (1)		75
		Day 57	2020-09-04 13:04 (26)		74.2

Baseline is defined as the last non-missing assessment (including repeated and unscheduled assessments) before the first vaccination.
Relative day is defined as days from the most recent injection date.
G1 = grade 1, G2 = grade 2, G3 = grade 3, G4 = grade 4.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l16020902.sas 19NOV2020 01:54 Database Lock Date: 05NOV2020

Listing 16.2.10
Safety Phone Calls
Safety Set

Subject ID	Visit	Date of Contact (Day)	Was Contact Attempted	Status	Comments, If Contact Not Made	Exposed or Potentially Exposed to COVID-19?	COVID-19 Symptomatic?

There are no observations for this listing.

Day is defined as study day from first injection date.

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Listing 16.2.11
Safety Follow Up Diary
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: Placebo

Subject ID	Day	Date Time of Submission (Day)	Changes in Health?	Exposed to SARS-COV-2 Infection or COVID-19?	New Symptoms?/ If Yes, Symptoms	Contacted a Healthcare Provider?
US2021137	DAY 71	2020-08-18T16:32:46 (72)	No	No		

Day is defined as study day from first injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l160211.sas 19NOV2020 01:55 Database Lock Date: 05NOV2020

Listing 16.2.11
Safety Follow Up Diary
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Day	Date Time of Submission (Day)	Changes in Health?	Exposed to SARS-COV-2 Infection or COVID-19?	New Symptoms?/ If Yes, Symptoms	Contacted a Healthcare Provider?

There are no observations for this section.

Day is defined as study day from first injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l160211.sas 19NOV2020 01:55 Database Lock Date: 05NOV2020

Listing 16.2.11
Safety Follow Up Diary
Safety Set

Cohort 1 (Age >= 18 and age < 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Day	Date Time of Submission (Day)	Changes in Health?	Exposed to SARS-COV-2 Infection or COVID-19?	New Symptoms?/ If Yes, Symptoms	Contacted a Healthcare Provider?

There are no observations for this section.

Day is defined as study day from first injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l160211.sas 19NOV2020 01:55 Database Lock Date: 05NOV2020

Listing 16.2.11
Safety Follow Up Diary
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: Placebo

Subject ID	Day	Date Time of Submission (Day)	Changes in Health?	Exposed to SARS-COV-2 Infection or COVID-19?	New Symptoms?/ If Yes, Symptoms	Contacted a Healthcare Provider?
US2021206	DAY 71	2020-09-08T11:10:08 (69)	No	No		

Day is defined as study day from first injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l160211.sas 19NOV2020 01:55 Database Lock Date: 05NOV2020

Listing 16.2.11
Safety Follow Up Diary
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 50 µg

Subject ID	Day	Date Time of Submission (Day)	Changes in Health?	Exposed to SARS-COV-2 Infection or COVID-19?	New Symptoms?/ If Yes, Symptoms	Contacted a Healthcare Provider?
US2021018	DAY 71	2020-08-05T13:15:58 (69)	Yes	No	No	Yes
US2051100	DAY 71	2020-09-08T02:15:00 (69)	No	No		
US2081100	DAY 71	2020-09-10T10:46:50 (71)	No	No		
US2081123	DAY 71	2020-09-08T12:24:55 (71)	No	No		

Day is defined as study day from first injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l160211.sas 19NOV2020 01:55 Database Lock Date: 05NOV2020

Listing 16.2.11
Safety Follow Up Diary
Safety Set

Cohort 2 (Age >= 55); Vaccination Group: mRNA-1273 100 µg

Subject ID	Day	Date Time of Submission (Day)	Changes in Health?	Exposed to SARS-COV-2 Infection or COVID-19?	New Symptoms?/ If Yes, Symptoms	Contacted a Healthcare Provider?
US2021208	DAY 71	2020-09-08T11:38:35 (70)	No	No		
US2041131	DAY 71	2020-09-05T08:24:47 (69)	No	No		

Day is defined as study day from first injection date.

Program: \Moderna MODMRNA1273P201_U\Primary Analysis\TLF\l160211.sas 19NOV2020 01:55 Database Lock Date: 05NOV2020